2026 | AIR CONDITIONER

LG

LG Electronics

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LG

2026

AIR CONDITIONER

LG HVAC SOLUTION



LG BUSINESS PARTNERSHIP & INFRASTRUCTURE

- Europe B2B Regional Head Office
- National Sales Office
- LG Academy
- European Distribution Center
- European R&D Lab





GLOBAL PRODUCTION SITE



INFRASTRUCTURE IN EUROPE

LG Electronics' European Air Solution department is committed to ensuring your business success. With 16 pan-European sales offices and academies, we seek to deliver on our promise of support, efficiency and proactivity throughout each stage of our business partnership. Our highly competitive products are delivered through our dedicated European distribution center to ensure a steady and reliable supply of inventory. At our European Energy Lab, LG Business Solutions is developing a heat pump technology that is optimized for the varied European climates and weather patterns along with continuous product performance verification.



LG Europe B2B Regional Head Office

LG Business Solutions Europe is based in Eschborn, Germany, with regional offices located throughout Europe. LG Europe B2B Regional Head Office is a control tower for European B2B business dealing with a wide range of products, including heat pumps and air conditioners. LG Electronics has a strong global network.

About LG Business Solutions :
http://www.lg.com/global/business/about-lg-business



European Distribution Center

LG's European Distribution Center is located in Tilburg, the Netherlands. Supplying products all over Europe, this distribution hub has contributed to smooth and rapid delivery, direct shipping for smaller orders and delivery tailored to air conditioners. Inventory efficiency of the hub is secured by the LG EU's established inventory pool.

TOTAL HVAC SOLUTION PROVIDER

Since manufacturing Korea's first air conditioner exclusively designed for residential use in 1968, LG has been a pioneer of air conditioning innovation. Encouraged by LG's technological leadership in the residential air conditioning sector since the late 1990s, LG moved into the commercial air conditioning sector.
LG has established itself as an exemplary HVAC and energy solutions provider, investing in new technologies, with the addition of chiller, VRF systems and building management systems (BMS) to its comprehensive product portfolio. Alongside its wide range of innovative solutions, the LG promise is to deliver unparalleled customer service.

LG produces expert air conditioning professionals at its academic centers, of which there are nearly 80 worldwide. These academic centers provide workshops and training programs that offer excellent hands-on experience. Additionally, LG provides advanced and highly sophisticated tools for HVAC system engineers and installers, including its time saving LG Air Conditioner Technical Solution (LATS) software. LATS allows LG to support clients with draft energy estimation and energy modeling, model selection and design, lifecycle cost analysis and more to ensure a seamless process from planning to execution. LG also operates several state-of-the-art R&D facilities all across the planet.

Evolving Service Platform

ThinQ™

LG ThinQ offers a variety of products, features and services combined with smart technology. LG's own lifestyle platform, LG ThinQ, connects families to their appliances and electronics, and gives them customized control and peace of mind.



ThinQ Care

Worry-free, peace-of-mind maintenance with proactive smart alerts and tips to keep your appliances running.

ThinQ UP

ThinQ UP enables your appliances to continuously evolve with new features delivered via software updates and optional hardware upgrades.

ThinQ Energy

You can manage your entire home's energy usage in one place with energy monitoring, home energy solution package, and energy demand response programs.

Air Conditioner

With a cutting-edge hardware and software design, this system allows seamless online updates when connected to Wi-Fi. Paired with the intuitive ThinQ app, it empowers customers to personalize and upgrade their home appliances effortlessly, ensuring their devices stay as innovative as they are.



LG ThinQ UP



LG Home Appliance | **New Air Conditioner**

※ ThinQ UP features of the product may vary by country and model.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.



What is ThinQ UP Air Conditioner

Enables smart appliances continually evolve with new downloadable features, functionalities and enhancements delivered via software updates and add-on hardware upgrades.

Performance UP

Ever-new Air Conditioner

Add new functions to products in use to experience new and better products every day.

Customer UP

Air Conditioner Tailored Just for You

Experience the freedom to adapt your air conditioner to your evolving lifestyle and preferences. With personalized function recommendations and seamless product upgrades, it ensures a perfect fit for your unique needs and tastes.

Convenience UP

Say Goodbye to Hassles with the Convenience UP Air Conditioner

Designed to tackle inconveniences head-on, it introduces new functions and resolves issues as they arise, delivering a seamless and worry-free experience tailored to your comfort.



RESIDENTIAL

008

008 ~ 209



COMMERCIAL

210

210 ~ 410





008

RESIDENTIAL

WALL MOUNTED	018
DUALCOOL HEATPUMP (WALL MOUNTED)	026
VENTILATION	060
MULTI SPLIT	084

AI-powered cooling & heating, artfully crafted

LG ARTCOOL™ AI

MIRROR

Why LG ARTCOOL™ AI

Intelligent Comfort Redefined

Elevate your comfort effortlessly with AI-powered control.
Throughout the year, our intelligent system seamlessly adjusts temperature, humidity, and airflow to offer optimal comfort every moment.

AI Comfort Control

AI Air

Revolutionize your comfort with intelligent adaptability. AI Air continuously optimizes airflow using radar sensors to track your location and the ThinQ app to understand your preferences.

Soft Air
Experience cooling like never before. Indirect airflow keeps you comfortable without direct contact, while personalized wind temperature settings ensure an ideal environment.

DUAL Vane
Stay cozy all year round. Cool air flows softly from above, and warm air rises gently from below, eliminating the discomfort of direct wind exposure.

Pre-Cool, Heat
Automatically turns on the air conditioner when approaching the house.

Sleep Timer+
Enjoy deeper, smarter sleep. AI learns your sleep rhythm to create a tailored nighttime environment for uninterrupted rest.

Premium Artistic Design

A Design Inspired by Modern Art

Featuring a stunning black glass mirror finish, it serves as a design centerpiece, bringing sophistication and style to your space.

Black Mirror Glass Finish
The sleek black mirror glass finish brings modern elegance and sophistication to any space.

Minimal Layered-line Design
This minimalist vent is defined by an architectural array of lines that elevates the overall design and deliver soft, wide airflow.

Human Detecting Sensor
Save energy without lifting a finger. The system detects when a room is unoccupied and automatically switches to energy-saving mode after a set time.

Proactive Energy Saving & Hygienic Air Care

Effortless Savings

Live easy with the ThinQ application, helping to provide unparalleled comfort and energy efficiency. Control is always at your fingertips.

kW Manager by LG ThinQ
Manage energy usage and spending.

Window Open Detection
Save energy with automatic power-saving.

All Cleaning Mode
One tap for total cleaning.

Auto Clean+
Dries the inside automatically.

Pre-Filter
Traps big dust particles.

Freeze Cleaning
Ice washing cleaning.

Allergy Filter
Reduce allergens allergy.

Plasmaster™ Ionizer++
Remove 99.9% of adhering bacteria.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

AI-powered cooling & heating, perfectly tuned

LG DUALCOOL™ AI

PREMIUM / DELUXE / SPECIAL



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Pre-Cool, Heat
Automatically turns on the air conditioner when approaching the house.

Sleep Timer+
Enjoy deeper, smarter sleep. AI learns your sleep rhythm to create a tailored nighttime environment for uninterrupted rest.

Proactive Energy Saving

Effortless Savings, Seamless Living

Experience smarter energy management with LG's advanced technologies that effortlessly blend efficiency and comfort. Stay in control of your energy usage with intuitive features that optimize performance without sacrificing comfort.

kW Manager by LG ThinQ
Set your energy-saving goals with ease. The air conditioner automatically adjusts operation based on your target electricity usage and preferred time period, making energy management effortless.

Human Detecting Sensor
Save energy without lifting a finger. The system detects when a room is unoccupied and automatically switches to energy-saving mode after a set time.

Window Open Detection
Smart detection for smarter savings. If a sudden temperature change is detected within 5 minutes, the system recognizes it as an open window and adjusts operations to avoid energy waste.

Hygienic Air Care

Clean Air Out, Fresh Breath In

A multi-step filtration process with Freeze Cleaning that purifies the air, removing dust and even bacteria, making sure the air you breathe is always fresh.

All Cleaning Mode
One tap for total cleaning.

Auto Clean+
Dries the inside automatically.

Pre-Filter
Traps big dust particles.

Freeze Cleaning
Ice washing cleaning.

Allergy Filter
Reduce Allergens allergy.

Plasmaster™ Ionizer++
Remove 99.9% of adhering bacteria.

Key Feature

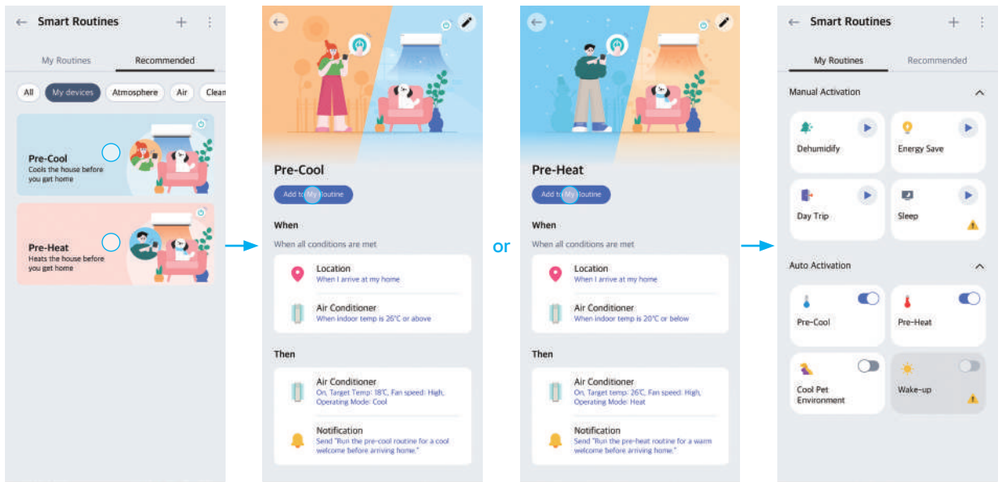
Pre-Cool, Heat

AI Comfort Control

Turn On the Air Conditioner When Approaching Home.

Use the LG ThinQ app to turn on the air conditioner before you arrive home, creating a cool or warm and welcoming environment.





How It Works

If the customer sets the distance through ThinQ and comes within the set distance, a push notification is sent through ThinQ.

Benefit

Automatically Turns On the Air Conditioner When Approaching the House

When customers come home, they can immediately enjoy the warm and comfortable air in the house.
Pre-Cool & Heat prepares smart homecoming for customers by automatically operating the air conditioner in advance through ThinQ.

※ The feature has released in Italy, the Netherlands and Germany in December 2025, and the rest of the EU country is also preparing to release it.
※ Before using this function, customers can set their home location on Google Maps through ThinQ and make location changes through the editing function.
※ The initial setting range is set to 150 m and can be modified up to 50 km. It can be modified in 1 m increments.

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※ Specifications may vary for each model.

ThinQ UP

AI Comfort Control

LG RAC Performance, Customer, and Convenience UP will be continued through the LG ThinQ App.

Enables smart appliances continually evolve with new downloadable features, functionalities and enhancements delivered via software updates and add-on hardware upgrades.



Performance UP
by adding new functions

Ever-new Air Conditioner
Add new functions to products in use to experience new and better products everyday

Customer UP
according to your lifestyle

Air Conditioner That Fits Me
New function recommendation and product upgrades according to my changing lifestyle and taste

Convenience UP
by diagnosing and improving home appliances

Air Conditioner That Resolves Inconveniences
New functions are told or problems are solved when there are inconveniences

How It Changed

'25 ThinQ UP Update
- Melody (Summer)
- Energy Saving Mode

The Scheduled of ThinQ UP deployment
- Melody (Winter)
- Tropical Night Sleep
- Scheduling (Minute-Based)
- Melody (Spring)

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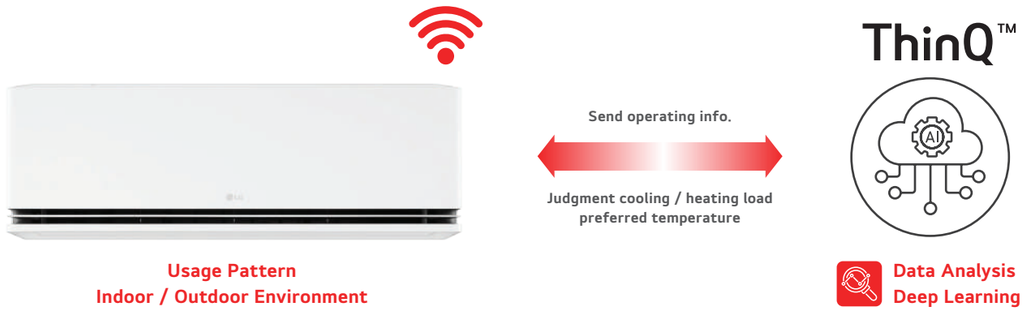
Key Feature

AI Air (by AI-powered control)

AI Comfort Control

Smarter Cooling & Heating with AI Analysis of Space, Location of People

ThinQ analyzes not only the customer's air conditioning usage patterns but also periodically analyzes indoor environmental information to automatically set the operating mode of the product and provide customized cooling / heating.



Benefit

Stay Comfortable Wherever You Are

Enjoy personalized comfort, no matter where you are in the room. Advanced radar sensors detect your location, delivering the perfect breeze for your needs—direct cooling when you're hot and gentle, indirect cooling when you've cooled down.

No Matter Where You Are, Comfort Follows You

With AI Air, comfort is always within reach. Advanced AI-driven space analysis ensures your environment is perfectly adjusted to your needs.

Cooling Soft Air

Say goodbye to temperature extremes. The system eliminates the discomfort of being too cold when it's on or too hot when it's off. Whether you're lounging in bed or relaxing elsewhere, the radar sensor detects your location and adapts.

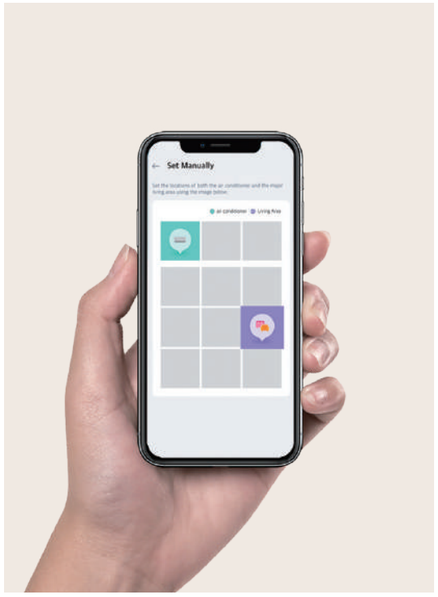
Strong Breeze When It's Hot or Cold.

Gentle, soft airflow as the room warms up or cools down. Experience a perfectly balanced atmosphere tailored just for you, every moment of the day.



Adjust Exactly as You Want

With the ThinQ app, easily set the location of your air conditioner and specify the areas where you spend most of your time. This allows you to enjoy a fully customized airflow, tailored to your unique preferences for the ultimate comfort.



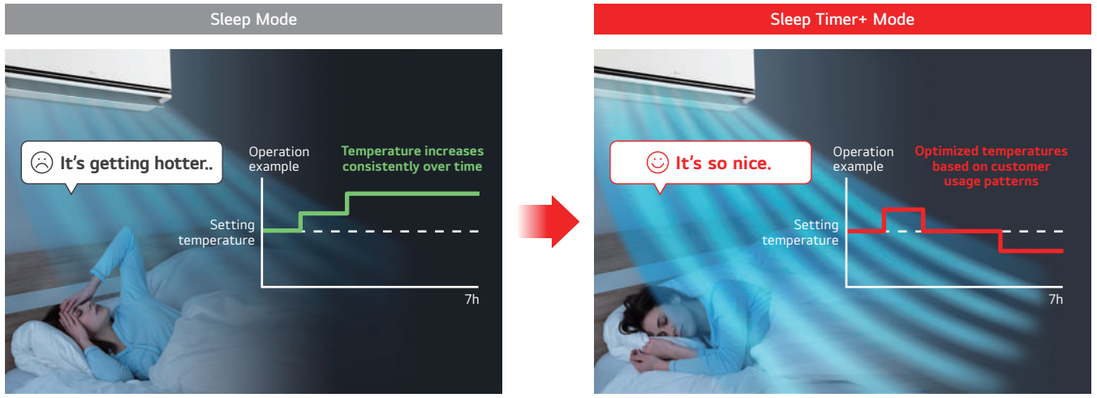
※ The AI Air function is available only in heating and cooling modes. When the AI Air function is activated, it automatically operates in one of three modes (Direct Fast, Indirect Fast, Soft Air) using the "Human Detecting Sensor" or ThinQ settings to occupant's location. And wind direction and speed are adjusted automatically based on the indoor environment and the location of the occupant. When there are multiple occupants in the space, only the location of the nearest occupant is taken into account.
※ The model without a "Human Detecting Sensor (Radar Sensor)" can use the AI Air function by setting the positions of products and furniture in ThinQ. Based on the set positions, the airflow, wind direction, and product performance are adjusted, but tracking functionality is not provided.
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※ Specifications may vary for each model.

Sleep Timer+ (by AI-powered Control)

AI Comfort Control

ThinQ Learns Your Rhythm for Deeper Sleep

For a deeper, more restful sleep, Sleep Timer+ automatically adjusts the cooling temperature to suit your needs. By analyzing your air conditioner usage patterns, it ensures a comfortable environment that helps you sleep longer and more comfortably throughout the night.

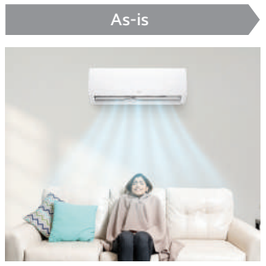


※ "Sleep Timer+" operates by automatically adjusting the setting temperature through user pattern analysis during Sleep mode.
※ "Sleep Timer+" is only available in Cooling mode.
※ "Sleep Timer+" allows the initial setting temperature to be set in the range of 22℃ to 28℃.
※ "Sleep Timer+" is set through ThinQ and can be operated by ThinQ and remote controller.
It can be set from a minimum of 30 minutes to a maximum of 12 hours, and after 1 hour, it can be set in 1 hour increments.
※ "Sleep Timer+" is deactivated when setting Energy Saving, Power Cooling and Smart Care.

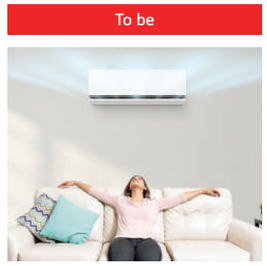
Soft Air

AI Comfort Control

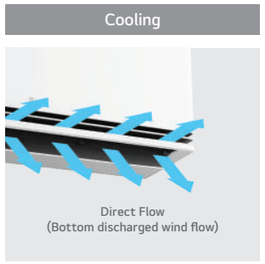
Stay comfortably cool with no chilly drafts and personalize breeze range and temperature.



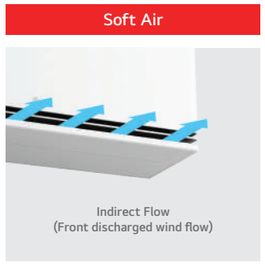
When turned on, it becomes too cold, and if turned off, it becomes too hot. Additionally, when lying down on the bed, the direct cold wind can quickly make you feel uncomfortably cold.



Experience a shift from excessive cold to a more comfortable and pleasant airflow—a fine-tuned wind flow for your comfort.

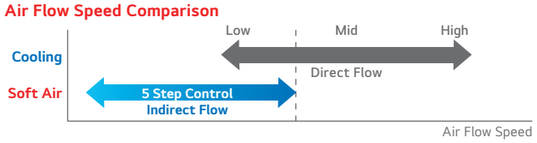


Room Temp. Control
→ Always cold wind

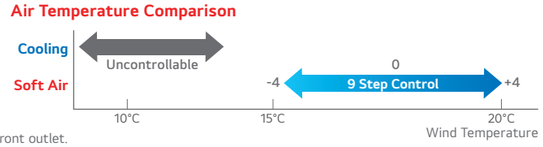


Wind Temp. Control
→ A pleasant, comfortable wind

Air Flow Speed Comparison



Air Temperature Comparison



※ In Soft Air mode, the lower outlet is closed, and indirect airflow is provided through the front outlet.
※ This function can be applied Cooling / Fan / AI Air mode only.
※ During AI Air mode operation, the Soft Air function is automatically activated based on the indoor environment.
※ To use the Soft Air function alone, it can be manually activated using the ThinQ app or the remote control.
※ The wind temperature can be set through ThinQ only when using the Soft Air mode alone, not during AI Air operation.
※ During the use of Soft Air mode alone, the minimum settable room temperature is 24°C.
※ The airflow temperature may not increase or decrease depending on the indoor and outdoor temperatures.
※ When connected Multi ODU, this function may not be supported.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Key Feature

DUALVane™

AI Comfort Control

DUAL Vane spreads airflow up or down, further and faster, for ideal comfort in any season.



22% UP
Air Flow Distance

23% UP
Cooling Performance Speed

6% UP
Heating Performance Speed

Longer Stream Wind

The innovative DUAL Vane system combines two separate vanes into one long, unified vane, allowing airflow to reach further than traditional models. This extended airflow ensures more effective and consistent cooling throughout the room, enhancing comfort in every corner.

Indirect Flow

The DUAL Vane system offers an indirect airflow mode for a more comfortable experience than traditional single vane. Cold air flows gently from above your head, while warm air rises from beneath your feet, minimizing the discomfort of direct wind contact and creating a more balanced and pleasant environment.



Faster Cooling & Heating

DUAL Vane can provide optimized airflow that single vane can not achieve It enables cooling up to 23% faster and heating up to 6% faster than single vane.



※ Performance comparison vs Single Vane

1) Date 2024.12, Measurement results in LG air conditioner R&D Center, installation height 2.0 m, Fan mode. Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products.
2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 ㎡/50.1 ㎥, Jet mode, Indoor DB (33±0.3)℃ / RH (60±5)%, Outdoor DB (35±0.3)℃ / RH (50±5)% 18℃ setting on cooling mode, Indoor DB (12±0.3)℃ / RH (60±5)%, Outdoor DB (7±0.3)℃ / RH (87±5)% 30℃ setting on heating mode, measured the time took reduce 5℃ (for Cooling) / rise 5℃ (for Heating), from the initial average room temperature. Test Model : S3-M12KL2MB (SK), S3-M121L1C0 (S1 New Platform)
3) The performance result may vary depending on actual usage conditions.

Comfort Humidity Control

AI Comfort Control

No excess chill, Comfort Humidity Control perfects your home with humidity optimized to your desired temperature.

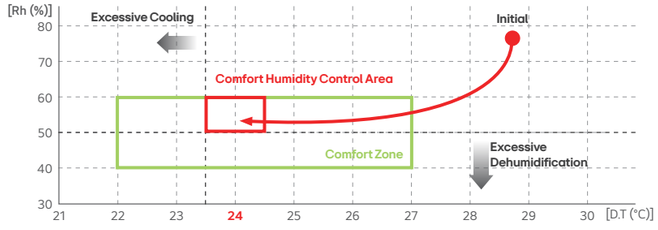
Conventional



LG DUALCOOL



Operation Example (24°C Setting)



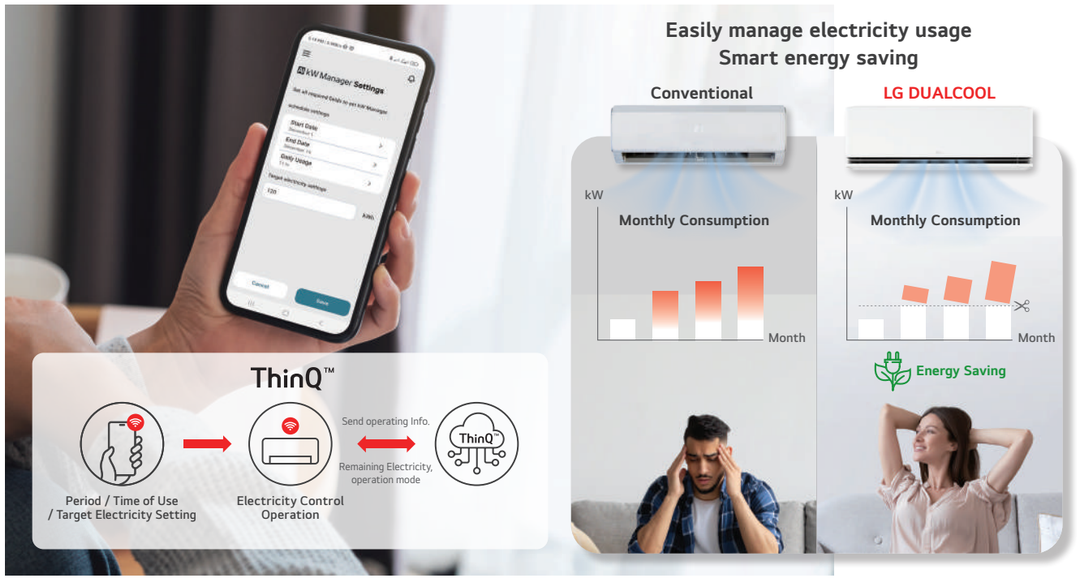
※ The air flow changes automatically based on the operating environment.
※ This function can be used through remote controller and LG ThinQ app.
※ When connected to Multi ODU, this function may not be supported.

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kW Manager

Proactive Energy Saving

Stay cool. kW Manager lets you take control of your energy usage and spending proactively.

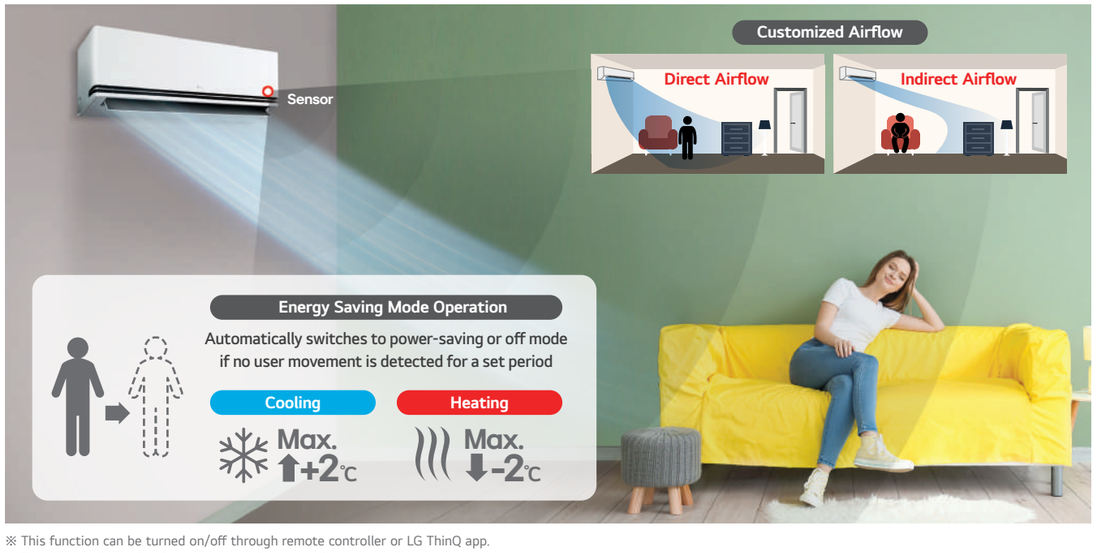


※ During the set period, the accumulated electricity is monitored and performance (electricity consumption) limiting operation is performed for remaining period.
※ If the accumulated electricity is increase due to over the daily usage time, remaining electricity is recalculated to each days for operate product. ※ This function can use through ThinQ only.
※ If the accumulated electricity within the set period exceeds the target amount, the function is released and changed to general operation mode with a ThinQ notification.
※ When connected to Multi ODU, this function is not supported.
※ The kW Manager applies differently depending on the model in Cooling mode and Cooling & Heating mode.
- Cooling Only : AI Air Mirror, AI Air Premium, AI Air Deluxe, and AI Air Special
- Cooling & Heating : DUALCOOL Special P Series & DUALCOOL Special E Series

Human Detecting Sensor

Proactive Energy Saving

Human Detecting Sensor's location detector provides comfy airflow control and auto power-savings.



※ This function can be turned on/off through remote controller or LG ThinQ app.
※ The "Human Detecting Sensor" only activates cooling and heating mode.
※ The judgment time of absence human detection can be set from 20 to 120 min through LG ThinQ app (Default 20 min).
※ Human body detection covers 100 degrees left and right based on the product, and the maximum detection distance is 5 m.
※ Depending on usage conditions, sensor detection range may be shortened.
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Key Feature

Window Open Detection

Proactive Energy Saving

Reduces energy loss as Energy Saving mode starts automatically during sudden temperature changes. Prevents condensation when windows are open.

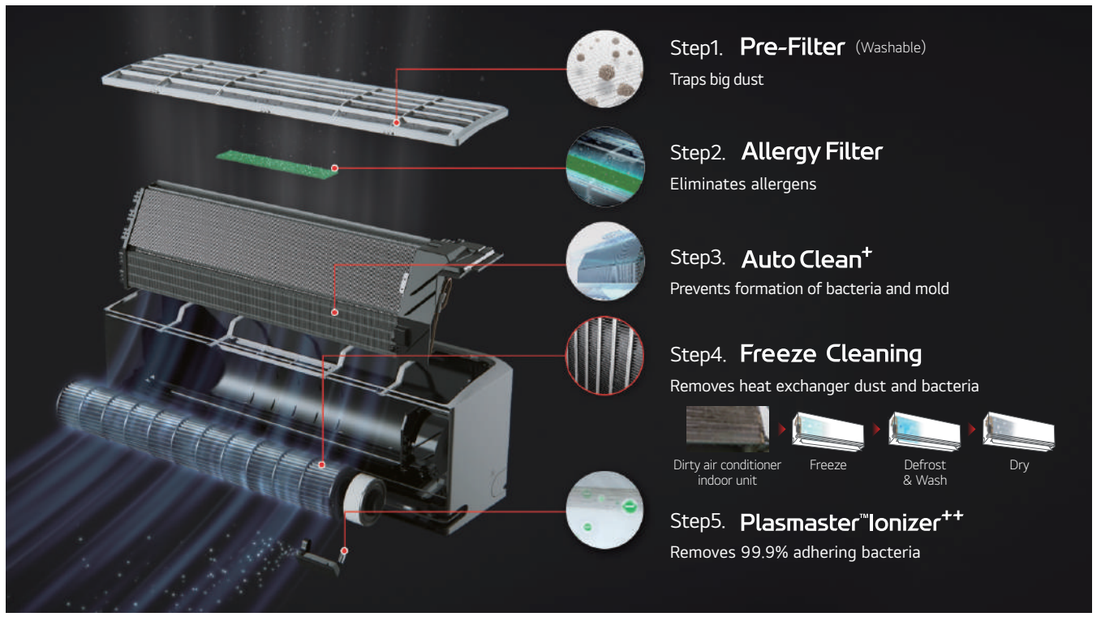


※ The initial setting is off when the product is shipped.
※ This function can be set up through LG ThinQ app only.
※ The "Window Open Detection" function is available in Cooling and Heating mode only.
※ The default Energy Saving mode operating time is 10 minutes and can be set up to 60 minutes through LG ThinQ app.

Total Air Care

Hygienic Air Care

A multi-step filtration process with Freeze Cleaning that purifies the air, removing dust and even bacteria, ensuring the air you breathe is always fresh.



※ The Image shown above varies by model.

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Total Air Care

Hygienic Air Care

All Cleaning

When you turn on the air conditioner for the first time in a long time or do not run the air conditioner for a long time at the end of summer, you can use "All Cleaning" to manage everything from washing to drying at once.

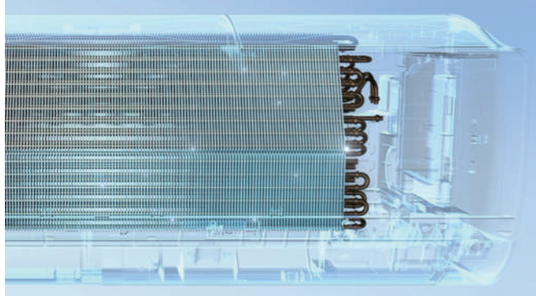


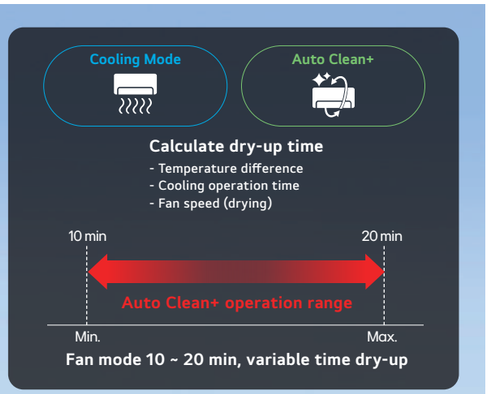
※ When using the "All Cleaning", generating condensed water, Freeze Cleaning, and Auto Clean+ operate sequentially.
※ "All Cleaning" is only available on ThinQ, and the function can be deactivated when stopping operation or changing modes or settings using the remote controller. When the function is activated, "AL" is displayed on the product.
※ "All Cleaning" can be operated at 21 ~ 32℃ (indoor) / 21 ~ 37℃ (outdoor).
※ The operation time of the "All Cleaning" may vary depending on the environment and usage conditions.
※ When connected to Multi ODU, this function may not be supported.

Auto Clean+

Automatically dries any moistures inside the air conditioner to ensure it's always clean.

Calculates the drying time automatically based on the product's (compressor) operating time and the difference between the desired temperature with the room temperature to help remove moisture inside the product.





※ The Auto Clean+ operating time is automatically set according to the appliance usage conditions, and the progress status is displayed as the remaining minutes on the indoor unit display.
※ The AI dry time is automatically set up to 20 minutes. (for ARTCOOL Gallery, 15 to 25 min)
※ Through the ThinQ app, customer can set the wind speed and adjust the drying speed.
※ The drying condition inside the appliance may be differently depending on the temperature or humidity of the indoor air.

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※ Specifications may vary for each model.

A new air conditioner designed to seamlessly integrate with your senses and interior.

LG ARTCOOL™ Gallery

Premium / Special



Key Feature

Explore the ARTCOOL 2nd Evolution Gallery – An Interior Masterpiece.

Art Display (27" Full HD LCD)

Experience a 27" Full HD LCD display incorporated into the air conditioning unit. Customize the screen to suit your mood and preferences.



Wood Frame Design

Featuring a modern and luxurious design that seamlessly harmonizes with any space.

INTERNATIONAL DESIGN EXCELLENCE AWARDS
2023 Finalist
ARTCOOL Gallery

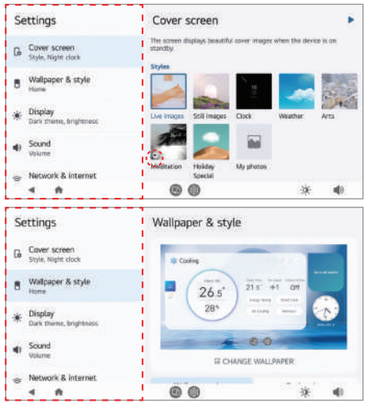
The ARTCOOL Gallery has Excellence Design Awards from the IDEA. (International Design Excellence Awards)

Create the Interior Settings Using the LG ThinQ App

Choose up to 20 photos from your phone and send them to Look at Me through the ThinQ app, allowing you to view them on the air conditioner.

Setting Click → Select Style on Cover Screen → Select Image or Video & Click → Preview



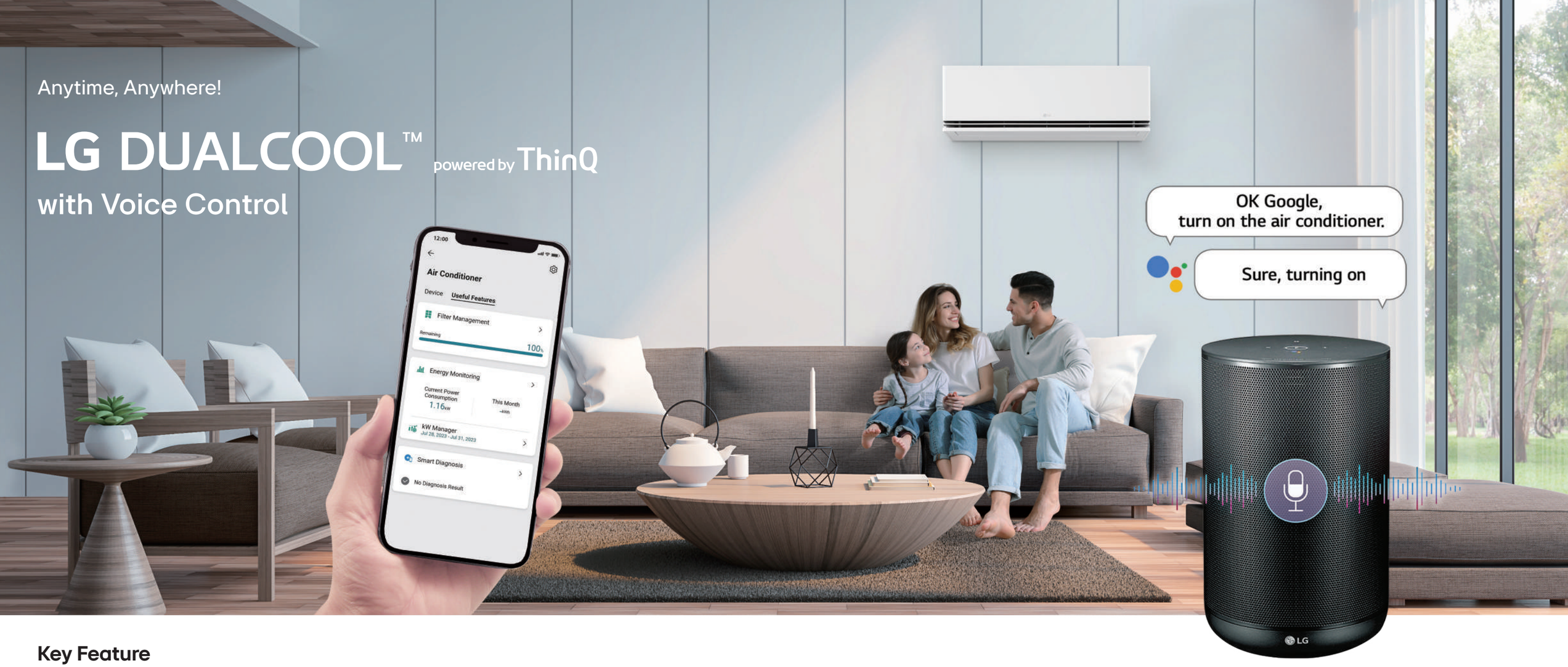


※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Anytime, Anywhere!

LG DUALCOOL™ powered by ThinQ

with Voice Control



Key Feature

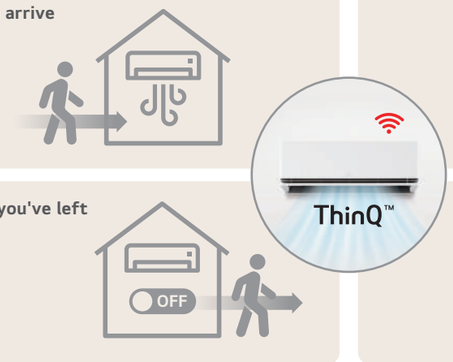
Elevate Your Daily Routine with ThinQ

Cool home when you arrive

"Imagine arriving to a perfectly cool home"

Monitor monthly electricity bills

"Track your AC usage and stay informed about your monthly electricity consumption."



Switch off AC after you've left

"No more worries about leaving the AC on – switch it off with a tap."

No need to search for the remote control

"Control your air conditioner effortlessly with your phone. Forget the hassle of searching for the remote-simply adjust settings from the comfort of your couch, ensuring convenience at your fingertips."

Voice control for an enhanced lifestyle

- Intuitive control for convenient, anytime, anywhere access.
- Enjoy increased comfort made accessible and simple for everyone.
- Save time without the burden of searching for the remote control.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Simple Voice Control for Convenience and Accessibility

Experience the ease of simple voice control, saving you valuable time otherwise searching for the remote control. DUALCOOL models are also compatible with AI speakers like ThinQ with Google Assistant, Google Home, and more. Say goodbye to pressing buttons – use your voice instead.

Step 1	Step 2	Step 3	Step 4
Issue a voice command to the AI Speaker.	The AI Speaker converts the user's voice input into text.	The AI Speaker server identifies that the user is invoking the appliance skill and relays the user's intent to the LG Server.	The LG Server activates the corresponding appliance based on the user's command.



Google Cloud
LG Cloud

ThinQ™



※ Smart features and voice assistant product may vary by country and model. Check with your local retailer or LG for service availability.

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※ Specifications may vary for each model.

WALL MOUNTED 026

ARTCOOL GALLERY PREMIUM
ARTCOOL GALLERY SPECIAL
ARTCOOL AI AIR MIRROR
ARTCOOL MIRROR
DUALCOOL AI AIR PREMIUM
DUALCOOL AI AIR DELUXE
DUALCOOL AI AIR SPECIAL
DUALCOOL SPECIAL P
DUALCOOL SPECIAL E
DUALCOOL SPECIAL E (W LOOK)
DUALCOOL SPECIAL W

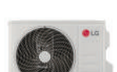


○ Single Split Only ○● Compatible ● Multi Split Only

	MODEL	kBtu	5	7	9	12	15	18	24
		kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
LG ARTCOOL™	Gallery Premium	 Wi-Fi R32			○● A09GA2N.EEU	○● A12GA2N.EEU			
	Gallery Special	 Wi-Fi R32			○● A09GA1.NSE	○● A12GA1.NSE			
	AI Air Mirror	 Wi-Fi R32			○● AA09SP.NS1	○● AA12SP.NS1		○● AA18SP.NS1	
	Mirror	UVnano™  Wi-Fi R32		● AM07BK.NSJ	○● AC09BK.NSJC	○● AC12BK.NSJC		○● AC18BK.NSKC	○● AC24BK.NSKC
LG DUALCOOL™	AI Air Premium	Wi-Fi R32			○● H09S1PA.NS1	○● H12S1PA.NS1			
	AI Air Deluxe	Wi-Fi R32		● DM07S0DA.NS0	○● H09S1DA.NS1	○● H12S1DA.NS1		○● H18S1DA.NS1	○● H24S1DA.NS1
	AI Air Special	Wi-Fi R32	● PM05SND.NS0	● PM07SND.NS0	○● P09SND.NS0	○● P12SND.NS0	● PM15SND.NS1		
	Special P	 Wi-Fi R32	● PM05SK.NSA	● PM07SK.NSA	○● PZ09EYN.CSJ1	○● PZ12EYN.CSJ1	● PM15SK.NSJ	○● PZ18EYN.CSK1	○● PZ24EYN.CSK1
	Special E	 Wi-Fi R32		● MS07ET.NSA	○● EZ09CYN.CSJ1	○● EZ12CYN.CSJ1		○● EZ18CYN.CSK1	○● EZ24CYN.CSK1
	Special E (W Look)	 Wi-Fi R32		● MS07EZ.NSJ	○● EZ09CSN.CSJ1	○● EZ12CSN.CSJ1		○● EZ18CSN.CSK1	○● EZ24CSN.CSK1
	Special W	Wi-Fi R32			○ WZ09AWN.SNU1	○ WZ12AWN.SNU1		○ WZ18AWN.SNU1	○ WZ24AWN.SNU1

※ The Feature is available only to Italy, the Netherlands and Germany.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

○ Single Split Only ○● Compatible ● Multi Split Only

	MODEL	kBtu	5	7	9	12	15	18	24
		kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
LG ARTCOOL™	Gallery Premium	 R32			○ A09GA2U.EEU	○ A12GA2U.EEU			
	Gallery Deluxe	 R32			○ A09GA1.U18	○ A12GA1.U18			
	AI Air Mirror	 R32			○ AA09SP.U18	○ AA12SP.U18		○ AA18SP.U18	
	Mirror	 R32			○ AC09BK.UA3C	○ AC12BK.UA3C		○ AC18BK.UL2C	○ AC24BK.U24C
LG DUALCOOL™	AI Air Premium	 R32			○ H09S1PA.U18	○ H12S1PA.U18			
	AI Air Deluxe	 R32			○ H09S1DA.U12	○ H12S1DA.U12		○ H18S1DA.U18	○ H24S1DA.U24
	AI Air Special	 R32			○ P09SND.U12A	○ P12SND.U12A			
	Special P	 R32			○ PZ09EYU.CA31	○ PZ12EYU.CA31		○ PZ18EYU.CL21	○ PZ24EYU.C241
	Special E	 R32			○ EZ09CYU.CA31	○ EZ12CYU.CA31		○ EZ18CYU.CL21	○ EZ24CYU.C241
	Special E (W Look)	 R32			○ EZ09CSU.CA31	○ EZ12CSU.CA31		○ EZ18CSU.CL21	○ EZ24CSU.C241
	Special W	 R32			○ WZ09AWU.SUU1	○ WZ12AWU.SUU1		○ WZ18AWU.SUU1	○ WZ24AWU.SUU1

● : Applied to Single & Multi / ○ : Applied to only Single

Category		LG ARTCOOL™											LG DUALCOOL™																							
		Gallery Premium		Gallery Special		AI Air Mirror			Mirror				AI Air Premium		AI Air Deluxe				AI Air Special		Special P				Special E				Special E (W Look)				Special W			
Product Grade Naming																																				
BTU		9 K	12 K	9 K	12 K	9 K	12 K	18 K	9 K	12 K	18 K	24 K	9 K	12 K	9 K	12 K	18 K	24 K	9 K	12 K	9 K	12 K	18 K	24 K	9 K	12 K	18 K	24 K	9 K	12 K	18 K	24 K	9 K	12 K	18 K	24 K
CORE TECH	DUAL Inverter HeatPump Compressor™	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	AI Air					●	●	●					●	●	●	●	●	●	●	●																
	Pre-Cool & Heat*	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	ThinQ UP	●	●			●	●	●					●	●	●	●	●	●	●	●																
COMFORT	Soft Air					●	●	●					●	●	●	●	●	●	●	●																
	DUALVane™					●	●	●					●	●	●	●	●	●	●	●																
	Sleep Timer+					●	●	●					●	●	●	●	●	●	●	●																
	Comfort Humidity Control	○	○	○	○	○	○	○					○	○	○	○	○	○	○	○																
ENERGY SAVING	kW Manager					○	○	○					○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	Human Detecting Sensor					●	●	●					●	●																						
	Window Open Detection					●	●	●					●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○				
	Low Heating					●	●	●					●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○				
	Active Energy Control					●	●	●	○	○	○	○	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○				
	Dual Sensing																																○	○	○	○
HEALTH	All Cleaning					○	○	○					○	○	○	○	○	○	○	○																
	Auto Clean+	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●																
	Freeze Cleaning™	○	○	○	○	○	○	○					○	○	○	○	○	○	○	○																
	Plasmaster™ Ionizer++	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●																		
	Allergy Filter					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●												
	UVnano™								●	●	●	●																								
	Auto Cleaning								●	●	●	●									●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○
SMART	Embeded Wi-Fi	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○
	Voice Control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	Low Refrigerant Detection	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	Smart Diagnosis	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	Mobile LGMV	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
DURA-BILITY	Gold Fin™	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
MULTI	Multi Compatible	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				

* The feature is planned to be released in only Italy, the Netherlands and Germany in December 2025, and the rest of the EU country is also preparing to release it accordingly.
※ ThinQ UP feature is under development and is scheduled to be launched step by step and may vary by country and model.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

powered by
DUAL Inverter HeatPump Compressor™

What is the Dual Inverter HeatPump Compressor?

A compressor is the heart of an air conditioner. LG's Dual Inverter HeatPump Compressor solves convential compressor problems, resulting in an air conditioner that cools faster, lasts longer, and runs quieter.



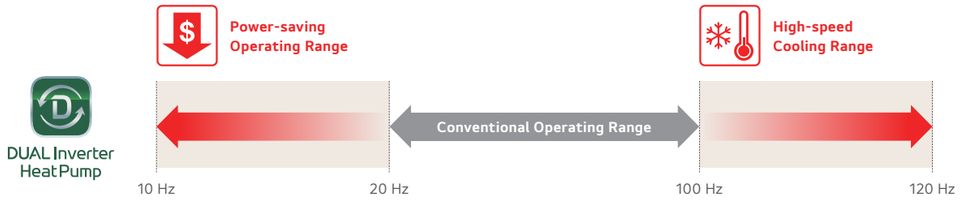
Product Reliability Improvement

The Dual Inverter HeatPump Compressor reduces the vibration and with it the sound pressure levels. The reduction in vibration reduces the possibility of fractures occurring in the the surrounding pipework.

How It Works

Varied-speed Dual Rotary

A compressor motor with a wider rotational frequency that is energy efficient and has a higher volumetric quick cooling capacity than any conventional compressors.



※ Dual Inverter HeatPump Compressor is applied to Single Split only.

Low Noise

LG air conditioners operate at 19 dB low noise level.

How It Works

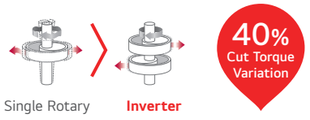
LG's Unique Skew Fan

By minimizing the surface pressure of the fan blade when in contact with the air, the noise produced by the air conditioning unit is reduced to a remarkably low level.



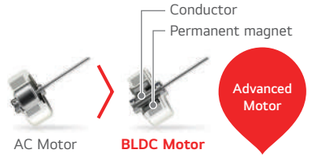
ALVC (Active Low Vibration Control)

A speed-error component estimates the load to compensate for imbalances, which are the primary causes of vibration and noise, enabling the rotation of the motor without vibration at low Hz levels.



BLDC Fan Motor

With strong torque and powerful ND magnetism as well as precise speed control of 13 different steps for smooth operation, the BLDC motor provides substantial air volume and high static pressure, while keeping electrical and mechanical noise lower, and making high-speed operation available.



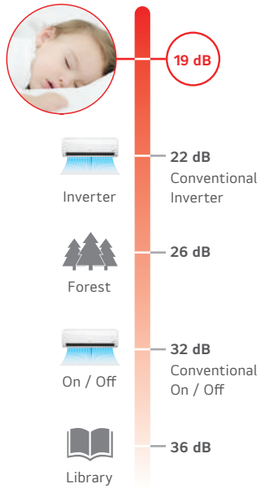
Conventional AC Motor

- Low efficiency
- Heat problem during overhauling
- Difficult precise speed control

BLDC Motor

- Low electric and mechanical noise
- Durable precise speed control

Benefit

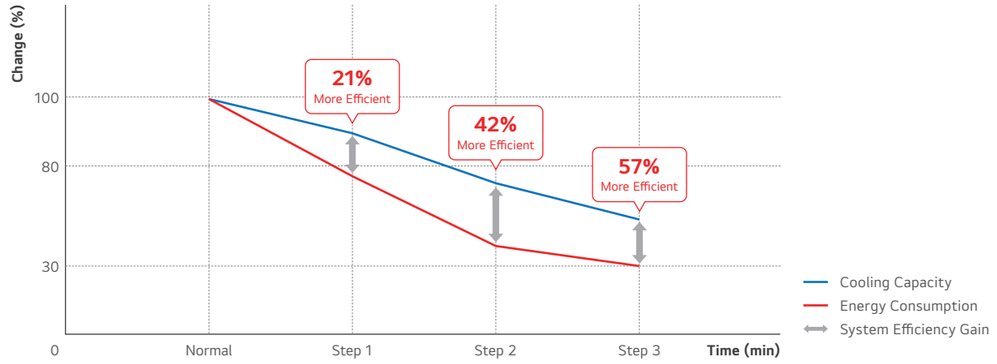


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※ Specifications may vary for each model.

Active Energy Control

LG's Active Energy Control operates in four steps, dynamically adjusting both energy consumption levels and cooling capacity. This is achieved through precise control of the maximum frequency of the compressor motor.

Concept & Benefit



※ Test conditions : Normal temperature (Indoor temperature at the cooling mode : 28°C, Outdoor temperature : 32°C)
※ Test model : DC12RH

※ Depending on the experimental conditions.
※ When connected to Multi ODU, this function may not be supported.
※ Active Energy Control works only cooling mode.

How It Works

STEP 1 100% Energy Usage
Suitable for many people and high-activity levels



STEP 2 80% Energy Usage
Ideal for fewer people and moderate-activity levels



STEP 3 60% Energy Usage
Designed for even fewer people and low-activity levels



STEP 4 40% Energy Usage
Intended for the fewest people with no activity



※ The form of the remote control and the arrangement of the buttons may be different for the product.

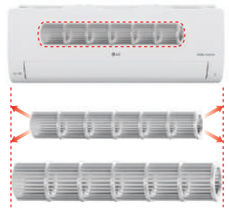
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Fast Cooling

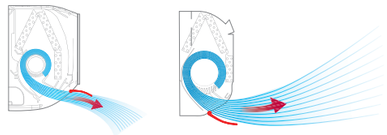
The cool airflow rapidly reaches all the corners of the room, keeping the space cool and comfortable.

How It Works

Bigger Skew Fan
Experience a 25% larger skew fan that generates highly powerful air blasts for efficient cooling.

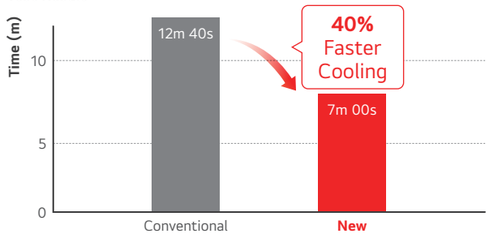


Cooling Outlet
The larger and optimally designed cooling outlet ensures broader coverage, rapidly cooling larger areas for a more comfortable environment.



Test Result

Test Result



※ Depending on the experimental conditions.

TÜVRheinland®

※ 26.5℃ reach time comparison
※ Test model
- Conventional : TS-H2465DA0
- New : US-Q242Kxy0

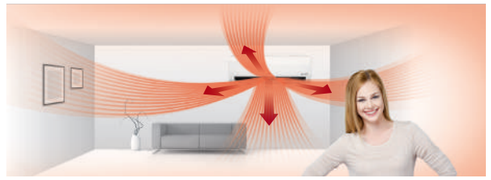
※ Test conditions :
Indoor temperature 33°C, Outdoor temperature 35°C,
Relative humidity 60%, Setting temperature 26°C
Test room size : 4.3 m x 7.0 m x 2.3 m

Fast Heating

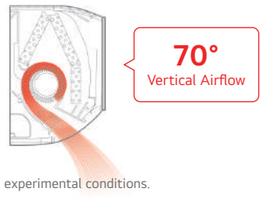
LG Residential Air Conditioners satisfy user needs by consuming less energy and heating a wider space in a shorter period. This creates a warm and comfortable living environment.

How It Works

4 Way Auto Swing (Easy Airflow Control)
The 4-Way Auto Swing feature adjusts airflow dynamically based on the surrounding environment. This ensures the optimal distribution of warm air throughout living areas, facilitating quick and efficient heating.



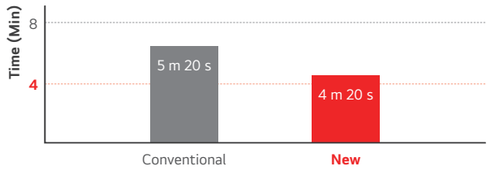
Vertical Airflow
During heating, the vane directs warm air downward, ensuring a pleasant and balanced room temperature.



※ Depending on the experimental conditions.

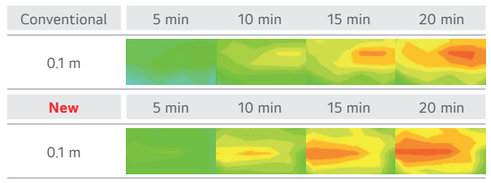
Benefit & Test Result

22% Quick Heating



※ Test Conditions :
Outdoor temperature : 7°C, Indoor temperature : 12°C,
Humidity : 87%, Remote control : 30°C power

Changes in Temperature Over 20 Minutes



※ Test Conditions :
Outdoor temperature : 7°C, Indoor temperature : 12°C,
Humidity : 87%, Remote control : 30°C power

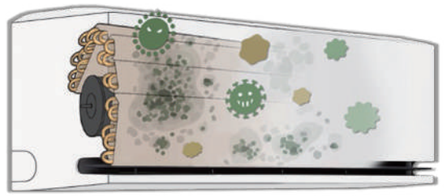
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
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Freeze Cleaning™

Experience continuous freshness as our innovative Freeze Cleaning technology ensures a clean evaporator, allowing the passage of fresh and pure air.

Pain Point

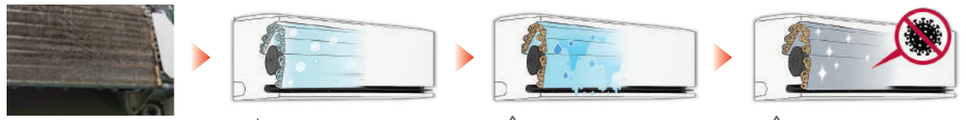
When using an air conditioner, concerns often arise regarding the cleanliness of the air it produces. The interior of an air conditioner, being a dark and humid environment, is prone to contamination by dust and bacteria.



Contamination with Dust & Bacteria

How It Works

The "Freeze Cleaning" process involves creating an ice layer that effectively separates odor-causing substances, including dust and bacteria accumulated on the evaporator. When the ice melts, these contaminants are efficiently washed away with the drain water, ensuring a thorough cleaning mechanism.



Dirty
air conditioner indoor unit

Step. 1 Freeze
Ice layer formed between evaporator and odor causing substances

Step. 2 Defrost & Wash
The ice formed melts, washing away these substances down the drain

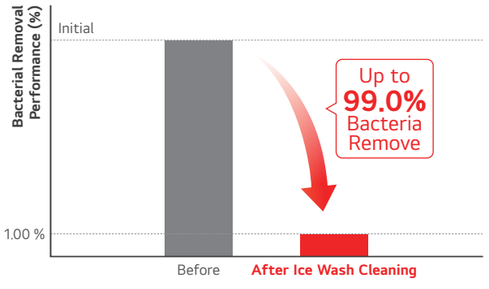
Step. 3 Dry
The indoor fans dries up the evaporator unit

※ Working condition : 21 ~ 32°C (Indoor) / 21 ~ 37°C (Outdoor)
※ The "Freeze Cleaning" mode can activate through ThinQ only.

Benefit & Verification

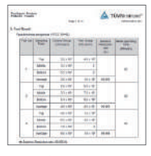
Periodically clean the interior of the air conditioner, a typically challenging maintenance task, to keep the evaporator consistently clean.

Test Result (Bacterial Removal Performance)
Our "Freeze Cleaning" function has been rigorously tested and proven to remove up to 99.0% of residual bacteria on the evaporator, ensuring a hygienic and healthy environment.





TÜVRheinland®



※ This test result obtained a test report on and Pseudomonas aeruginosa 99.0% reduction rate from an internationally recognized laboratory, which may vary depending on the actual environment.
※ Test institution : TÜV Rheinland
※ Test model : SQ07EDETHN(SE), SQ06BDAWAJ(SA), SQ07SDJBAN(SJ), SQ09MDKWAN(SK)
※ Test bacteria : Up to 99% reduction rate of "Pseudomonas aeruginosa" confirmed.
※ When connected to Multi ODU, this function may not be supported.

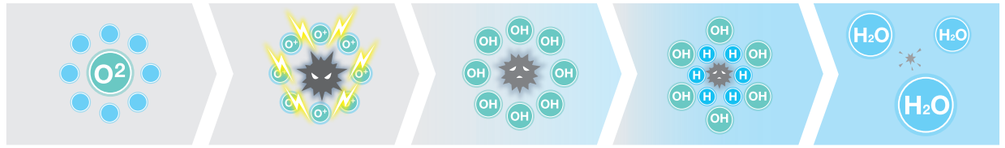
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Plasmaster™Ionizer++

The powerful Plasmaster™ Ionizer++ removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 8 million ions. Experience a safer, cleaner indoor environment.

How It Works

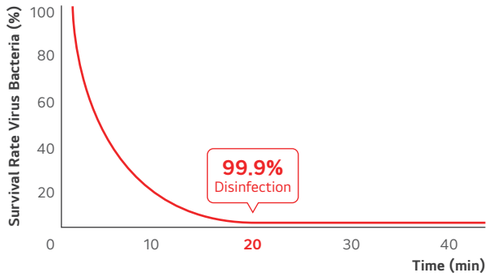
Reduction and Deodorization (Utilizes Over 8 Million Ions)
Plasmaster™ Ionizer++ reduces E.coli and Staphylococcus in the surface with over 8 million ions.



Release of Ions into Air	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Disinfection
Ions are released into the air.	H- and O- bond to harmful particles.	OH radicals inactivate harmful substances.	OH radicals bond with H particles.	H_2O molecules are produced.

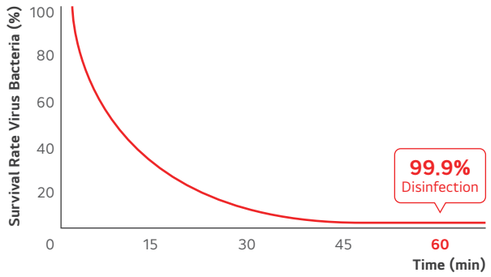
Test Result

Effective Reduction Performance
Remove Bacteria E.coli over 99.9% in 20 min



※ Test Conditions :
Space : 30 m³ Chamber (Measuring with the specimen in the center of test chamber)
Temperature & Humidity : Normal
Bacteria : Escherichia coli
Verified by Intertek & TUV Rheinland

Effective Reduction Performance
Remove Staphylococcus aureus over 99.9% in 60 min



※ Test Conditions :
Space : 30 m³ Chamber (Measuring with the specimen in the center of test chamber)
Temperature & Humidity : Normal
Bacteria : Staphylococcus Aureus
Verified by Intertek & TUV Rheinland

Benefit & Verification

The LGE's ionizer, known as "Plasmaster™ Ionizer++," has demonstrated the capability to remove more than 99.9% of bacteria, including Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus.





※ Depending on the experimental conditions.

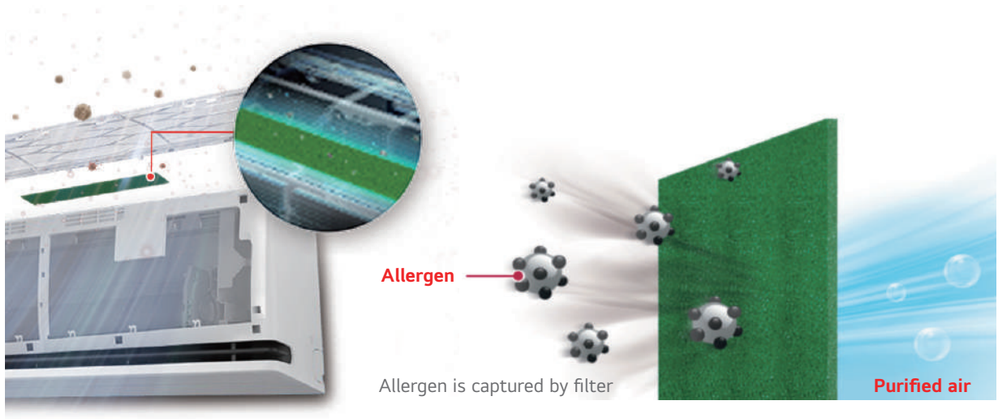
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Allergy Filter

While airflow from an air conditioner may trigger symptoms associated with allergies or asthma, LG units feature an interior filter designed to absorb harmful particles such as dust mites, pollen, fungi, and mold that circulate in the air. This ensures a cleaner and more allergen-free environment.

How It Works

Removes Allergy Causing Substances, Such as Dust Mites that Can be Found in the Air.



Certification





Certified by AllergyUK

* Test Condition
A filter is coated to absorb harmful substances that can cause allergies.
The air conditioner strongly absorbs indoor air and removes allergy-causing substances, such as house dust mite, fungi, mold, floating in the air.

Allergy UK (a world-renowned organization) is a British medical charity dedicated to helping adults and children with their allergies. The charity was founded in 1991 as the British Allergy Foundation, and in 2002 the operational name of the charity became Allergy UK. Allergy UK endorses certain products that restrict or remove high levels of allergens and gives them a Seal of Approval.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

UVnano™

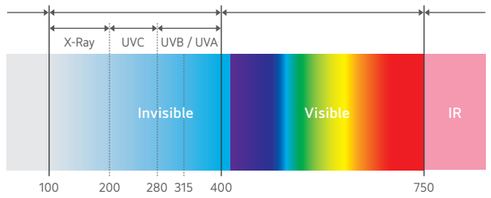
LG DUALCOOL, keeping the fan (inside the unit) 99.99% bacteria-free with ultraviolet light to ensure that the air passing through is clean too.

What Is UVnano™ and How It Works?

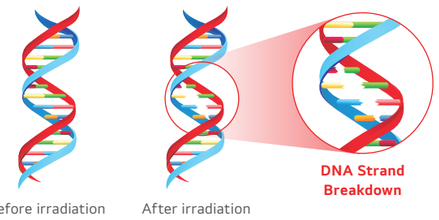
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria / mold / viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

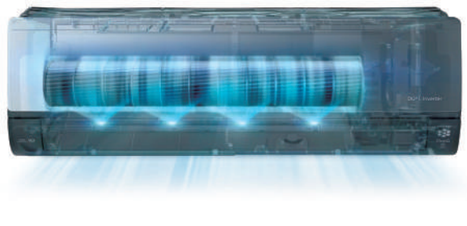
DNA Absorption Efficiency by Wavelength

Electromagnetic Spectrum and Types



Destruction Nuclear Sequence (Chain)





UVC Applied Product

LG Product



Various Product Lines



Benefit & Verification

Keep the fan 99.99% bacteria-clean for a cleaner breeze.



Removes up to **99.99%** of bacteria from the internal fan.

TÜVRheinland®

※ Test Condition
- Test Model : S3NM12JL1GA(SJ), S3NM24K21GA(SK)
- Test Standard : LG test method with referenced to ISO 20743:2007
- Bacteria : Staphylococcus aureus, Staphylococcus epidermidis, Klebsiella pneumoniae

※ UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV (ultraviolet) and nanometer (unit of length).

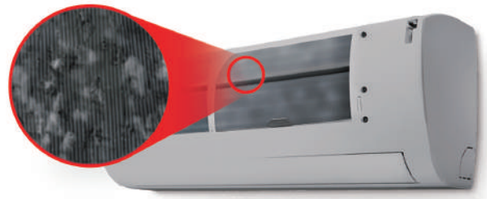
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Auto Cleaning

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then cleaning the interior once more.

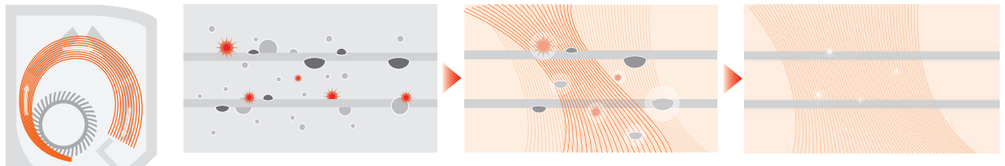
Pain Point

After the air conditioner operates in cooling mode, the inside of the air conditioner becomes humid, making it easier to smell and contaminate. Cleaning the inside of the air conditioner is especially difficult, and many customers are curious about how to maintain it.



How It Works

Dry-up Evaporator with Proper Air Flow



Long exposure to humid conditions can lead to accumulation of pollutants inside the air conditioner, making it difficult to expect clean air the next time you turn it on.

The auto cleaning function helps remove moisture from the heat exchanger by operating the fan for a certain period after the cooling operation.

Benefit

Keeps the Evaporator Clean for Fresh Wind Pass Through

Auto Cleaning function helps maintain the cleanliness of the heat exchanger by periodically drying the inside of the air conditioner, which is difficult to manage.

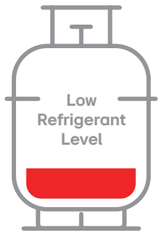
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Low Refrigerant Detection

Receive early notifications of low refrigerant levels to safeguard your air conditioner from potential damage.

How It Works

Early Detection of Low Refrigerant Levels
The air conditioner features an automatic shutdown mechanism upon detecting low refrigerant levels, ensuring proactive protection.



3 Checkpoints for Low Refrigerant Level

1. The heat exchanger temperature is relatively cool.
2. The outdoor unit is functioning correctly.
3. Energy consumption adheres to a standard pattern.

If any of the above conditions are not met, for a maximum of four instances, after 15 minutes of Air Conditioner operation, a low refrigerant level is detected, triggering an automatic shutdown for enhanced system safety.

※ This function only works under the following conditions
- Indoor / Outdoor temperature is at least 20°C
- Cooling and Dehumidification mode

Benefit

Longer Lifespan for Air Conditioner



When a low refrigerant level is detected, the display alternately shows “CH” and “38” to provide a clear visual indication of the issue.





※ Depending on the experimental conditions.
※ When connected to Multi ODU, this function may not be supported.

※ Some models show CH and 38 alternately on the display.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Low Heating

Protect your home, even when you’re away.

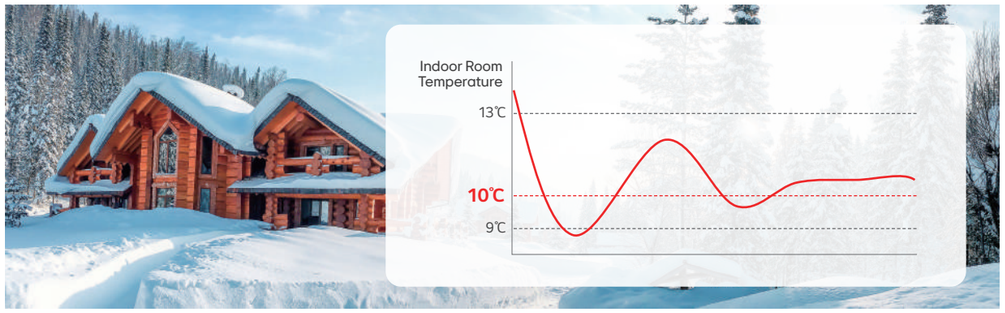
Pain Point

Worry less about the cold wreaking havoc on your home while you’re away. Freezing temperatures can damage tap water systems, furniture, and household appliances, leaving you with costly repairs and discomfort.



How It Works

Activate the Low Heating function to maintain a safe room temperature, even when you’re not home. Instead of stopping completely, the air conditioner regulates the room temperature to around 10℃. (or 8℃ ~ 15℃*) If the temperature drops to 9℃ (or 7℃*) , the system activates the compressor to restore it to 10℃. (or 8℃ ~ 15℃*) This gentle maintenance prevents freezing while conserving energy.



* Low Heating function to set indoor temperature applies differently depending on the model.
1) Model that automatically sets the indoor temperature to 10°C when the Low Heating function is activated: AI Air Mirror, AI Air Premium, AI Air Deluxe, and AI Air Special
2) Model that manually sets the indoor temperature to 8°C ~15°C when the Low Heating function is activated: DUALCOOL Special P Series & DUALCOOL Special E Series
※ This function is only available with the Heating mode. “LH” is displayed on the indoor unit. During "Low Heating" mode operation, the fan speed of the indoor unit is fixed by high winds, and the fan speed and wind direction of the indoor unit cannot be controlled.

Benefit

With Low Heating, you can travel with peace of mind, knowing your living space is protected from freezing temperatures. Minimal heating ensures comfort and safety for your home while keeping energy consumption low.



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※ Specifications may vary for each model.

Embedded Wi-Fi

Effortlessly manage your air conditioners using Android or iOS smartphones with the embedded Wi-Fi feature.

ThinQ

Download the ThinQ app from Google or Apple app stores.

ThinQ™

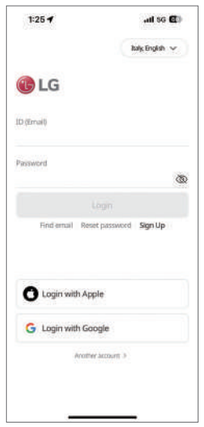
Download on the App Store | GET IT ON Google Play

How It Works

① Turn On "ThinQ" on Your Air Conditioner
Benefit from the embedded Wi-Fi modem and enjoy unlimited innovation.



② Easy Registration and Log-in
Follow the interactive setup steps to activate ThinQ's impressive features by setting up your LG Account.



③ Enjoy Unlimited Innovation
Once registered, experience seamless connectivity and explore the innovative features offered through ThinQ.

Wi-Fi Connectivity
Experience individualized comfort with Wi-Fi connectivity. Each family member can customize the air conditioner temperature and fan speed using their app, saving preferences for future use. These personalized settings can be stored for each specific air conditioner.

Multiple Devices



Multi-control



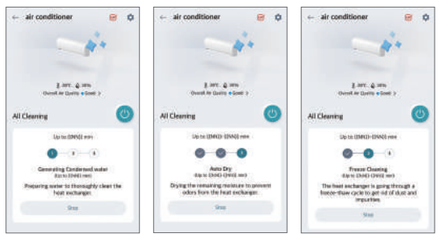
※ Can be controlled by multiple users, but not simultaneously.

Benefit

Simple Operation for Various Functions



Energy Monitoring



All Cleaning

Integrated Home Appliances Control
Monitor and control your LG appliances from one place.



Access Your Air Conditioner Anytime and from Anywhere
with a Wi-Fi equipped device and LG's exclusive control app, ThinQ.



※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Smart Diagnosis

Smart Diagnosis allows you to monitor the health of your air conditioner remotely.

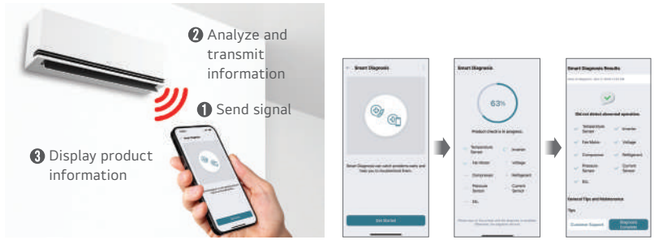
What Is Smart Diagnosis?

Smart Diagnosis allows users to conveniently check setup, installation, troubleshooting and other information directly from a smartphone.

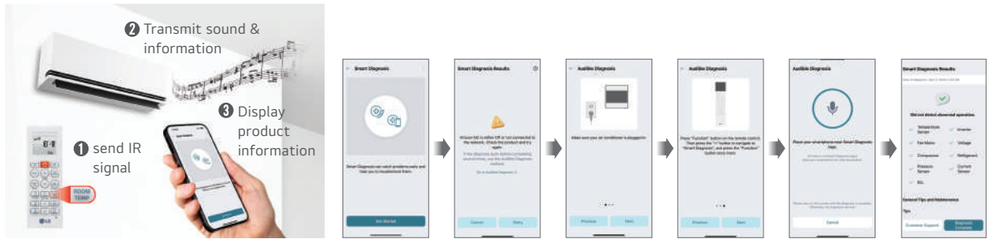
※ Builds upon widespread smartphone use and offers greater USP diversification
※ Perfect for consumers who are unable to view information about their air conditioner via a display or remote control.

How It Works

When Connected to Wi-Fi
By using "ThinQ" App and clicking "Start Smart Diagnosis", monitor and check diagnosis results conveniently via Wi-Fi.

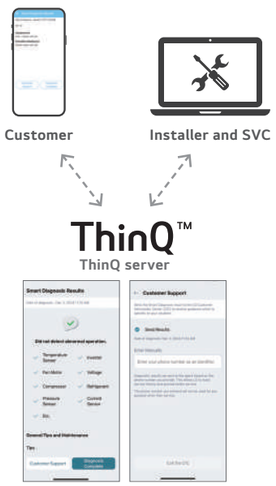


When Not Connected to Wi-Fi (Audible Diagnosis)



Benefit

Easily understandable error messages simplify the process of identifying solutions and make reaching out to the service center simple and convenient.



For Consumer



- Easily check the operational status of a product, even without a display or with limited information.
- Save energy by monitoring key operational information and power consumption.
- Utilize the maintenance guide to enhance device performance and increase the product's lifespan.

For Installer and SVC



- Gain a better understanding of the product by easily confirming operational status and information.
- Intuitively diagnose problems by comparing current and past usage data.
- Maintain installation capabilities and reduce errors by quickly confirming device operational status.

※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.
※ When connected to Multi ODU, this function may not be supported.

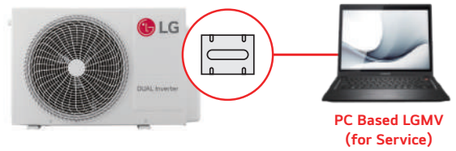
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※ Specifications may vary for each model.

Mobile LGMV (Monitoring View)

LGMV simplifies the inspection (diagnosis) and monitoring of air conditioning units for engineers, allowing easy access through your smartphone or PC.

PC Version

LGMV Module (for Service)



PC Based LGMV (for Service)



Operation Information



Cycle View

- IDU & ODU Information
- Cycle & Valves
- Sensors & Electricity
- Cycle Diagram
- Actuator Information

Smartphone Version



Install / SVC Engineer



Mobile LGMV

Wi-Fi



Wi-Fi MV Module





Monitoring Data



Diagnosis



Commissioning



Troubleshooting Guide

Technicians can not only review cycle information through diagrams and graphs but can also easily check error statuses (troubleshooting guide) and take immediate action.

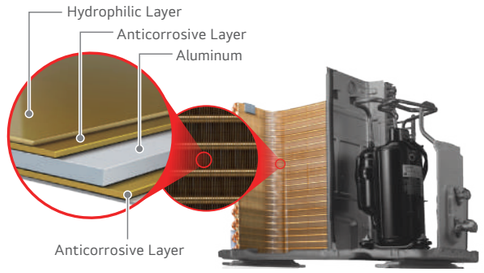
※ For Android or iOS Users : Search for "Mobile LGMV" on Google Play or the Apple Store and proceed with the download.
※ Additional Requirement : A Wi-Fi modem (PWFMDD200) is required as an optional accessory.

Gold Fin™

The Gold Fin™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion.

How It Works

Corrosion-resistant Protective Layer
The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



※ Depending on the experimental conditions.

Test Result

Conventional Fin



Gold Fin™



※ Test Condition
- Test Standard : ISO9227:2017 , ISO10289:1999, ASTM B 117 Salt spray test
- Test Sample : Al Fin sheet (100 μm, 70 X 150 mm) + Organic Coating (1.65 g/m²)
- Setting Condition : (35±2)℃, 6.5 ~ 7.2 pH, (5±1)% NaCl salt fog spray, 5,000 h
- Test Result : Not More than 0.05% of corrosion area ratio. (over R.N. 9.5)



TÜVRheinland®

TUV Verify that the corrosion improved "Gold II Fin" has less than 0.05% corrosion area after 5000 hours salt spray test. TUV has verified that the corrosion area of Gold Fin™ is not more than 0.05% (over R.N. 9.5)

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.



Wi-Fi

R32

DUAL Inverter HeatPump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Masterpiece of Your Interior : ARTCOOL Gallery Premium

Transform your space with the perfect blend of functionality and art.
The ARTCOOL 2nd Evolution Gallery Premium seamlessly integrates style, technology, and comfort into your home.

- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- Stylish Design : A wood frame with an interior design aesthetic (option : black frame) elevates any room's décor.
- FHD Display : A 27-inch full HD display graces the front panel, offering dynamic customization.
- Personal Touch : Easily upload and change images or showcase your own photos via the LG ThinQ app, making it uniquely yours.
- Smart Display : The air conditioner widget keeps you informed about energy usage, maintenance needs, and operational status at a glance.
- Comfort & Hygiene.
- 3D Indirect Airflow & Hidden Vane Control : Provides optimal cooling without the discomfort of direct wind.
- Plasmaster™ Ionizer++ : Removes 99.9% of adhering bacteria for cleaner air.
- Freeze Cleaning & Auto Clean+ : Ensures the unit stays spotless with innovative cleaning modes.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

With the ARTCOOL 2nd Evolution Gallery, you're not just getting an air conditioner-you're elevating your interior with a masterpiece of design and technology.

Single Combination

SET UNIT				A09GA2S.EEU	A12GA2S.EEU
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.6 ~ 3.7	0.89 ~ 3.7 ~ 4.0
	Power Input	Min ~ Rated ~ Max	W	200 ~ 623 ~ 1,400	200 ~ 1,057 ~ 1,450
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.0 ~ 6.0	1.1 ~ 4.6 ~ 6.2
	EER		W/W	4.17	3.5
	SEER		-	7.3	7.0
	P design C		kW	2.6	3.7
	Energy Label Grade (A+++ to D Scale)		-	A++	A++
	Annual Energy Consumption		kWh	124	184
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 3.3 ~ 4.1	0.89 ~ 4.0 ~ 4.7
		Max (-7 °C)	kW	2.6	3.2
	Power Input	Min ~ Rated ~ Max	W	200 ~ 808 ~ 1,650	200 ~ 1,078 ~ 1,650
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.7 ~ 7.2	1.1 ~ 4.8 ~ 7.2
	COP		W/W	4.08	3.71
	SCOP (Average / Warmer)	Average (Warmer)	-	4.3 (5.0)	4.3 (5.0)
	P design H		kW	2.8	2.8
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A++)	A+ (A++)
	Annual Energy Consumption	Average (Warmer)	kWh	911 (413)	911 (413)
INDOOR UNIT				**A09GA2N.EEU**	**A12GA2N.EEU**
Dimensions (W × H × D)		Net	mm	652 x 158 x 652	652 x 158 x 652
		Shipping	mm	744 x 235 x 736	744 x 235 x 736
Weight		Net	kg	20	20
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -	28 / 36 / 42 / -
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.1	1.3
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**A09GA2U.EEU**	**A12GA2U.EEU**
Dimensions (W × H × D)		Net	mm	770 x 545 x 288	770 x 545 x 288
		Shipping	mm	920 x 593 x 388	920 x 593 x 388
Weight		Net	kg	29.9	29.9
Air Flow Rate		Max	m^3/min	35.0	35.0
Sound Pressure Level	Cooling	Rated	dB(A)	50	50
	Heating	Rated	dB(A)	53	53
Sound Power Level		Rated	dB(A)	62	62
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.8 / 0.540	0.8 / 0.540
	Chargeless		m	10.0	10
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	10	10
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS					
Multi Compatible				Yes	Yes
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.



Wi-Fi

R32

Designed Air Conditioner to Fit Perfectly into Anywhere

- ARTCOOL 2nd Evolution ARTCOOL Gallery Special to seamlessly integrate with your senses and interior.
- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- Wood frame, Interior design style. (Black frame is option)
- Easily change images and display your own style.
- Air Flow : 3D Indirect Air Flow, Hidden Vane Control, Plasmaster™ Ionizer++, Comfort Humidity Control, Freeze Cleaning, Auto Clean+.

DUAL Inverter HeatPump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Check ongoing validity of certification : www.eurovent-certification.com

Single Combination

SET UNIT				A09GA1.SSE	A12GA1.SSE
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.6 ~ 3.7	0.89 ~ 3.7 ~ 4.0
	Power Input	Min ~ Rated ~ Max	W	200 ~ 623 ~ 1,400	200 ~ 1,057 ~ 1,450
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.0 ~ 6.0	1.1 ~ 4.6 ~ 6.2
	EER		W/W	4.17	3.5
	SEER		-	7.3	7.0
	P design C		kW	2.6	3.7
	Energy Label Grade (A+++ to D Scale)		-	A++	A++
	Annual Energy Consumption		kWh	124	184
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 3.3 ~ 4.1	0.89 ~ 4.0 ~ 4.7
		Max (-7 °C)	kW	2.6	3.2
	Power Input	Min ~ Rated ~ Max	W	200 ~ 808 ~ 1,650	200 ~ 1,078 ~ 1,650
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.7 ~ 7.2	1.1 ~ 4.8 ~ 7.2
	COP		W/W	4.08	3.71
	SCOP (Average / Warmer)	Average (Warmer)	-	4.3 (5.0)	4.3 (5.0)
	P design H		kW	2.8	2.8
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A++)	A+ (A++)
	Annual Energy Consumption	Average (Warmer)	kWh	911 (413)	911 (413)
INDOOR UNIT				**A09GA1.NSE**	**A12GA1.NSE**
Dimensions (W × H × D)		Net	mm	652 x 158 x 652	652 x 158 x 652
		Shipping	mm	744 x 235 x 736	744 x 235 x 736
Weight		Net	kg	16.7	16.7
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -	28 / 36 / 42 / -
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.1	1.3
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**A09GA1.U18**	**A12GA1.U18**
Dimensions (W × H × D)		Net	mm	770 x 545 x 288	770 x 545 x 288
		Shipping	mm	920 x 593 x 388	920 x 593 x 388
Weight		Net	kg	29.9	29.9
Air Flow Rate		Max	m^3/min	35	35
Sound Pressure Level	Cooling	Rated	dB(A)	50	50
	Heating	Rated	dB(A)	53	53
Sound Power Level		Rated	dB(A)	62	62
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.8 / 0.540	0.8 / 0.540
	Chargeless		m	10	10
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	10	10
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS					
Multi Compatible				Yes	Yes
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

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※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
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Wi-Fi

R32

AI Air



AI-advanced Care with Your Interior and Lower Energy Consumption

- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- AI Air adapts airflow with radar sensors for optimal comfort.
- Soft Air and DUAL Vane deliver gentle, tailored cooling.
- When Soft Air is activated, the airflow comes out in three directions. (Front, Right, Left)
- Comfort Humidity Control ensures a perfectly balanced environment.
- High SEER provides top performance with lower energy consumption.
- KW Manager adjusts operations based on your energy-saving goals.
- Proactive features like Human Detection and Window Open Detection reduce energy waste.
- All Cleaning, Auto Clean+, Plasmaster™ Ionizer++, and Allergy Filter ensure hygienic air.
- Sleep Timer+ analyzes usage patterns for better nighttime comfort.
- Low Heating protects your home from freezing temperatures.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

AI DUAL Inverter™ HeatPump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

SET UNIT				AA09SP.SS1	AA12SP.SS1	AA18SP.SS1
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 4.0	0.89 ~ 3.5 ~ 4.35	0.9 ~ 5.0 ~ 5.5
	Power Input	Min ~ Rated ~ Max	W	160 ~ 510 ~ 1,400	160 ~ 815 ~ 1,500	210 ~ 1,545 ~ 1,940
	Running Current	Min ~ Rated ~ Max	A	1.3 ~ 3.1 ~ 6.0	1.3 ~ 3.75 ~ 6.5	1.6 ~ 6.9 ~ 9.0
	EER		W/W	4.9	4.29	3.24
	SEER		-	9.7	9.5	7.0
	P design C		kW	2.5	3.5	5.0
	Energy Label Grade (A+++ to D Scale)		-	A+++	A+++	A++
	Annual Energy Consumption		kWh	90	129	250
Heating	Capacity	Min ~ Rated ~ Max	kW	0.65 ~ 3.2 ~ 5.5	0.65 ~ 4.0 ~ 6.0	0.9 ~ 5.8 ~ 6.4
		Max (-7 °C)	kW	3.6	4.0	4.65
	Power Input	Min ~ Rated ~ Max	W	160 ~ 640 ~ 1,600	160 ~ 850 ~ 1,750	210 ~ 1,560 ~ 2,000
	Running Current	Min ~ Rated ~ Max	A	1.3 ~ 3.2 ~ 7.0	1.3 ~ 4.0 ~ 7.5	1.6 ~ 7.0 ~ 9.5
	COP		W/W	5.0	4.71	3.72
	SCOP (Average / Warmer)	Average (Warmer)	-	5.1 (6.1)	5.1 (6.1)	4.3 (5.6)
	P design H		kW	2.8	2.8	3.9
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+++ (A+++)	A+++ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	769 (344)	769 (344)	1,270 (534)
INDOOR UNIT				**AA09SP.NS1**	**AA12SP.NS1**	**AA18SP.NS1**
Dimensions (W × H × D)		Net	mm	935 x 307 x 235	935 x 307 x 235	935 x 307 x 235
		Shipping	mm	1,007 x 383 x 296	1,007 x 383 x 296	1,007 x 383 x 296
Weight		Net	kg	13.7	13.7	13.7
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6	7.0 / 9.9 / 11.7 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2	7.0 / 9.9 / 11.7 / 14.2
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47	29 / 34 / 39 / 44 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48	27 / 35 / 40 / 48	34 / 39 / 44 / 50
Sound Power Level			dB(A)	60	60	60
Moisture Removal			l/h	1.15	1.3	1.8
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**AA09SP.U18**	**AA12SP.U18**	**AA18SP.U18**
Dimensions (W × H × D)		Net	mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288
		Shipping	mm	919 x 599 x 392	919 x 599 x 392	919 x 599 x 392
Weight		Net	kg	29.9	29.9	32.5
Air Flow Rate		Max	m^3/min	35	35	35
Sound Pressure Level	Cooling	Rated	dB(A)	49	49	53
	Heating	Rated	dB(A)	51	51	55
Sound Power Level		Rated	dB(A)	60	60	65
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-20 ~ 24	-20 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.9 / 0.608	0.9 / 0.608	1.13 / 0.763
	Chargeless		m	12.5	12.5	7.5
	Additional Charge		g/m	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.70
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	12.5	12.5	7.5
	Max. Elevation Difference		m	10	10	10
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS						
Multi Compatible				Yes	Yes	Yes
PI485				Yes	Yes	Yes
Dry Contact				Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes

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※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
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Wi-Fi R32 UVnano™



DUAL Inverter HeatPump

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Integrate with Your Senses and Interior

- Pre-Cool & Heat by ThinQ App.
- Pro-active Energy Control : Seamlessly adjust energy consumption levels and cooling capacity, ensuring efficient operation in Cooling mode.
- Plasmaster™ Ionizer++ : Say goodbye to unpleasant odors and harmful bacteria. With over 8 million ions at work, enjoy a safer and cleaner indoor environment free from Escherichia coli and Staphylococcus.
- Interior Allergy Filter : Breathe easier with our advanced filter that absorbs harmful particles like dust mites, pollen, fungi, and mold, providing a cleaner and more allergen-free space.
- UV Light Sanitization : Maintain a 99.99% bacteria-free fan with ultraviolet light, ensuring every breath you take is through clean, purified air.
- Auto Cleaning : Keeps the interior of the air conditioner clean by drying off the heat exchanger and performing an additional cleaning.

Single Combination

SET UNIT				AC09BK.SSJC	AC12BK.SSJC	AC18BK.SSKC	AC24BK.SSKC
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.7	0.89 ~ 3.5 ~ 4.04	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	200 ~ 656 ~ 1,400	200 ~ 1,080 ~ 1,400	210 ~ 1,562 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.3 ~ 6.0	1.1 ~ 4.7 ~ 6.0	1.2 ~ 6.9 ~ 9.0	1.2 ~ 9.8 ~ 14.0
	EER		W/W	3.81	3.24	3,2	3.05
	SEER		-	7.0	6.6	7.0	6.9
	P design C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	125	186	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 3.3 ~ 4.1	0.89 ~ 4.0 ~ 5.1	0.9 ~ 5.8 ~ 6.4	0.9 ~ 7.5 ~ 8.64
		Max (-7 °C)	kW	2.6	3.0	4.2	6.0
	Power Input	Min ~ Rated ~ Max	W	195 ~ 800 ~ 1,600	195 ~ 1,050 ~ 1,600	210 ~ 1,611 ~ 2,000	210 ~ 2,238 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 4.0 ~ 7.0	1.1 ~ 4.7 ~ 7.0	1.2 ~ 7.1 ~ 9.5	1.2 ~ 10.0 ~ 14.0
	COP		W/W	4.12	3.81	3,6	3.35
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
	P design H		kW	2.5	2.5	3.9	5.0
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A++)	A+ (A++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	875 (371)	875 (371)	1,270 (555)	1,628 (713)
INDOOR UNIT				**AC09BK.NSJC**	**AC12BK.NSJC**	**AC18BK.NSKC**	**AC24BK.NSKC**
Dimensions (W × H × D)		Net	mm	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
		Shipping	mm	882 x 385 x 253	882 x 385 x 253	1,053 x 424 x 278	1,089 x 428 x 298
Weight		Net	kg	9.9	9.9	12.8	13.5
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 41 / 45	27 / 35 / 41 / 45	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power Level			dB(A)	59	59	60	65
Moisture Removal			l/h	1.1	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**AC09BK.UA3C**	**AC12BK.UA3C**	**AC18BK.UL2C**	**AC24BK.U24C**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	836 x 540 x 321	836 x 540 x 321	919 x 599 x 392	1,026 x 683 x 446
Weight		Net	kg	25.1	25.1	34.4	46
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	7	7	10	15
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

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※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
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Wi-Fi R32 AI Air



AI DUAL Inverter™ HeatPump

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- KW Manager adjusts operations based on your energy-saving goals.
- Proactive features like Human Detection and Window Open Detection reduce energy waste.
- All Cleaning, Auto Clean+, Plasmaster™ Ionizer++, and Allergy Filter ensure hygienic air.
- Sleep Timer+ analyzes usage patterns for better nighttime comfort.
- Low Heating protects your home from freezing temperatures.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

Single Combination

SET UNIT				H09S1PA.SS1	H12S1PA.SS1
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 4.0	0.89 ~ 3.5 ~ 4.35
	Power Input	Min ~ Rated ~ Max	W	160 ~ 510 ~ 1,400	160 ~ 815 ~ 1,500
	Running Current	Min ~ Rated ~ Max	A	1.3 ~ 3.1 ~ 6.0	1.3 ~ 3.75 ~ 6.5
	EER		W/W	4.90	4.29
	SEER		-	9.7	9.5
	P design C		kW	2.5	3.5
	Energy Label Grade (A+++ to D Scale)		-	A+++	A+++
	Annual Energy Consumption		kWh	90	129
Heating	Capacity	Min ~ Rated ~ Max	kW	0.65 ~ 3.2 ~ 5.5	0.65 ~ 4.0 ~ 6.0
		Max (-7 °C)	kW	3.6	4.0
	Power Input	Min ~ Rated ~ Max	W	160 ~ 640 ~ 1,600	160 ~ 850 ~ 1,750
	Running Current	Min ~ Rated ~ Max	A	1.3 ~ 3.2 ~ 7.0	1.3 ~ 4.0 ~ 7.5
	COP		W/W	5.0	4.71
	SCOP (Average / Warmer)	Average (Warmer)	-	5.1 (6.1)	5.1 (6.1)
	P design H		kW	2.8	2.8
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+++ (A+++)	A+++ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	769 (344)	769 (344)
INDOOR UNIT				**H09S1PA.NS1**	**H12S1PA.NS1**
Dimensions (W × H × D)		Net	mm	895 x 307 x 235	895 x 307 x 235
		Shipping	mm	967 x 383 x 296	967 x 383 x 296
Weight		Net	kg	12.6	12.6
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48	27 / 35 / 40 / 48
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.15	1.3
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**H09S1PA.U18**	**H12S1PA.U18**
Dimensions (W × H × D)		Net	mm	770 x 545 x 288	770 x 545 x 288
		Shipping	mm	919 x 599 x 392	919 x 599 x 392
Weight		Net	kg	29.9	29.9
Air Flow Rate		Max	m^3/min	35	35
Sound Pressure Level	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	51	51
Sound Power Level		Rated	dB(A)	65	65
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-20 ~ 24	-20 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.9 / 0.608	0.9 / 0.608
	Chargeless		m	12.5	12.5
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	12.5	12.5
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS					
Multi Compatible				Yes	Yes
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

Wi-Fi R32 **AI Air**



AI DUAL Inverter™ HeatPump

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AI-advanced Care with Lower Energy Consumption

- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- AI Air : Your air conditioner takes care of everything effortlessly, ensuring optimal comfort by adapting its airflow with radar sensors tracking your location and ambient temperature via ThinQ.
- High SEER : Enjoy top performance and significant energy savings.
- Soft Air : Stay comfortably cool with ultra-fine settings for wind strength and temperature, avoiding any chill.
- DUAL Vane : Multi-link technology optimizes control of two separate vanes, expanding the airflow range.
- Comfort Humidity Control : Maintain comfort without excess chill by finely adjusting airflow based on desired temperature and current humidity.
- KW Manager (Cooling Mode Only) : Automatically sets energy-saving stages based on your target electricity and period information, ensuring efficient energy use.
- All Cleaning : The unit automatically operates from cleaning to drying, keeping the interior hygienic.
- Automatic Energy Saving : Detects open windows and activates Pro-active Energy Saving mode Control.
- Sleep Timer+ : Adjusts cooling temperature based on your air conditioner usage patterns for a restful night.
- Low Heating, Auto Clean+, Plasmaster™ Ionizer++, Allergy Filter, Freeze Cleaning : Ensure a cleaner, healthier, and more comfortable indoor environment.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

Single Combination

SET UNIT				H09S1DA.SS1	H12S1DA.SS1	H18S1DA.SS1	H24S1DA.SS1
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.8	0.89 ~ 3.5 ~ 4.2	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	180 ~ 555 ~ 1,260	180 ~ 890 ~ 1,400	210 ~ 1,545 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.5 ~ 2.6 ~ 5.5	1.5 ~ 4.1 ~ 6.1	1.6 ~ 6.9 ~ 9.0	1.6 ~ 9.8 ~ 14.0
	EER		W/W	4.50	3.93	3.24	3.05
	SEER		-	8.7	8.5	7.0	6.9
	P design C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A+++	A+++	A++	A++
	Annual Energy Consumption		kWh	101	144	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.65 ~ 3.2 ~ 4.9	0.65 ~ 4.0 ~ 5.4	0.9 ~ 5.8 ~ 6.4	0.9 ~ 7.5 ~ 8.64
		Max (-7 °C)	kW	3.3	3.6	4.65	6.0
	Power Input	Min ~ Rated ~ Max	W	180 ~ 700 ~ 1,450	180 ~ 920 ~ 1,600	210 ~ 1,560 ~ 2,000	210 ~ 2,238 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.5 ~ 3.2 ~ 6.3	1.5 ~ 4.25 ~ 7.0	1.6 ~ 7.0 ~ 9.5	1.6 ~ 10.0 ~ 14.0
	COP		W/W	4.57	4.35	3.72	3.35
	SCOP (Average / Warmer)	Average (Warmer)	-	4.6 (5.7)	4.6 (5.7)	4.3 (5.6)	4.3 (5.6)
	P design H		kW	2.8	2.8	3.9	5.0
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A++ (A+++)	A++ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	852 (368)	852 (368)	1,270 (534)	1,626 (670)
INDOOR UNIT				**H09S1DA.NS1**	**H12S1DA.NS1**	**H18S1DA.NS1**	**H24S1DA.NS1**
Dimensions (W × H × D)		Net	mm	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235
		Shipping	mm	967 x 383 x 296	967 x 383 x 296	967 x 383 x 296	967 x 383 x 296
Weight		Net	kg	11.0	11.0	12.8	12.8
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6	7.0 / 9.9 / 11.7 / 13.6	7.3 / 10.1 / 12.3 / 14.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2	7.0 / 9.9 / 11.7 / 14.2	7.3 / 10.1 / 12.3 / 14.6
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47	29 / 34 / 39 / 44 / 49	31 / 34 / 42 / 47 / 51
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48	27 / 35 / 40 / 48	34 / 39 / 44 / 50	34 / 42 / 47 / 51
Sound Power Level			dB(A)	60	60	60	65
Moisture Removal			l/h	1.15	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**H09S1DA.U12**	**H12S1DA.U12**	**H18S1DA.U18**	**H24S1DA.U24**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	836 x 540 x 321	836 x 540 x 321	919 x 599 x 392	1,026 x 683 x 446
Weight		Net	kg	25.1	25.1	32.5	44
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level	Cooling	Rated	dB(A)	49	49	53	54
	Heating	Rated	dB(A)	51	51	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-20 ~ 24	-20 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.8 / 0.540	0.8 / 0.540	1.13 / 0.763	1.15 / 0.776
	Chargeless		m	12.5	12.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	12.5	12.5	7.5	7.5
	Max. Elevation Difference		m	10	10	10	15
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

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※ t-CO_2eq : F-gas(kg)*GWP/1,000
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Wi-Fi R32 **AI Air**



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- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- Effortless Comfort with AI Air : Your air conditioner takes care of everything, ensuring optimal comfort by adapting airflow with radar sensors that track your location and ambient temperature via ThinQ.
- Soft Air : Stay comfortably cool without a chill, thanks to ultra-fine settings for wind strength and temperature.
- DUAL Vane Technology : Enjoy optimized control of two separate vanes through multi-link technology, expanding the range of airflow control.
- Comfort Humidity Control : Maintain the perfect environment by adjusting airflow based on the desired temperature and current humidity, ensuring no excess chill.
- KW Manager (Cooling Mode Only) : Automatically set energy-saving stages based on your target electricity usage and period, making sure your air conditioner operates efficiently.
- All Cleaning & Auto Clean+ : The unit automatically handles everything from cleaning to drying, keeping the interior hygienic.
- Automatic Energy Saving : Detects open windows and activates Pro-active Energy Saving mode Control to conserve energy.
- Sleep Timer+ : Analyzes your air conditioner usage patterns to automatically adjust cooling temperature for a perfect night's sleep.
- Low Heating, Allergy Filter, Freeze Cleaning : Features designed to ensure a cleaner, healthier, and more comfortable indoor environment.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

Single Combination

SET UNIT				P09SND.SS0	P12SND.SS0
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.6	0.89 ~ 3.5 ~ 4.05
	Power Input	Min ~ Rated ~ Max	W	180 ~ 590 ~ 1,260	180 ~ 933 ~ 1,400
	Running Current	Min ~ Rated ~ Max	A	1.5 ~ 2.9 ~ 5.5	1.5 ~ 4.3 ~ 6.1
	EER		W/W	4.24	3.75
	SEER		-	8.3	7.6
	P design C		kW	2.5	3.5
	Energy Label Grade (A+++ to D Scale)		-	A++	A++
	Annual Energy Consumption		kWh	105	161
Heating	Capacity	Min ~ Rated ~ Max	kW	0.65 ~ 3.2 ~ 4.6	0.65 ~ 3.7 ~ 5.0
		Max (-7 °C)	kW	3.3	3.6
	Power Input	Min ~ Rated ~ Max	W	180 ~ 740 ~ 1,450	180 ~ 900 ~ 1,600
	Running Current	Min ~ Rated ~ Max	A	1.5 ~ 3.5 ~ 6.3	1.5 ~ 4.15 ~ 7.0
	COP		W/W	4.32	4.1
	SCOP (Average / Warmer)	Average (Warmer)	-	4.6 (5.5)	4.6 (5.5)
	P design H		kW	2.7	2.7
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A++ (A+++)	A++ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	822 (356)	822 (356)
INDOOR UNIT				**P09SND.NS0**	**P12SND.NS0**
Dimensions (W × H × D)		Net	mm	799 x 307 x 235	799 x 307 x 235
		Shipping	mm	871 x 383 x 296	871 x 383 x 296
Weight		Net	kg	10.0	10.0
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.8 / 7.6 / 10.3 / 12.7	4.8 / 7.6 / 10.3 / 12.7
	Heating	L / M / H / SH	m^3/min	4.8 / 7.6 / 10.3 / 13.0	4.8 / 7.6 / 10.3 / 13.0
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 42 / 48	19 / 27 / 35 / 42 / 48
	Heating	L / M / H / SH	dB(A)	27 / 35 / 42 / 48	27 / 35 / 42 / 48
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.15	1.3
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**P09SND.U12A**	**P12SND.U12A**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230
		Shipping	mm	836 x 540 x 321	836 x 540 x 321
Weight		Net	kg	25	25
Air Flow Rate		Max	m^3/min	27	27
Sound Pressure Level	Cooling	Rated	dB(A)	48	48
	Heating	Rated	dB(A)	51	51
Sound Power Level		Rated	dB(A)	60	60
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-20 ~ 24	-20 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.73 / 0.493	0.73 / 0.493
	Chargeless		m	7.5	7.5
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	7.5	7.5
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS					
Multi Compatible				Yes	Yes
PI485				-	-
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

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Wi-Fi R32



DUAL Inverter Heat Pump

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Create a Comfortable Home with Lower Energy Use

- Pre-Cool & Heat by ThinQ App.
- Seamless Control : Manage your air conditioner and other LG products effortlessly with the ThinQ App, allowing you to connect and control from anywhere, anytime.
- Active Energy Control : Adjust energy consumption and cooling capacity efficiently with Cooling Only mode.
- Interior Allergy Filter : Absorbs harmful particles like dust mites, pollen, fungi, and mold, ensuring a cleaner and allergen-free environment.
- Auto Cleaning : Keeps the interior of the air conditioner clean by drying off the heat exchanger and performing an additional cleaning.
- Gold Fin™ Coating : Protects the heat exchanger from unnecessary wear and corrosion, enhancing durability.
- Low Heating protects your home from freezing temperatures.
- KW Manager adjusts operations based on your energy-saving goals.

Single Combination

SET UNIT				PZ09EYS.SSJ	PZ12EYS.SSJ	PZ18EYS.SSK	PZ24EYS.SSK
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.7	0.89 ~ 3.5 ~ 4.04	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	200 ~ 656 ~ 1,400	200 ~ 1,080 ~ 1,400	210 ~ 1,562 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.3 ~ 6.0	1.1 ~ 4.7 ~ 6.0	1.2 ~ 6.9 ~ 9.0	1.2 ~ 9.8 ~ 14.0
	EER		W/W	3.81	3.24	3,2	3.05
	SEER		-	7.0	6.6	7.0	6.9
	P design C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	125	186	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.8 ~ 4.1	0.89 ~ 3.71 ~ 5.1	0.9 ~ 5.4 ~ 6.4	0.9 ~ 7.0 ~ 8.64
		Max (-7 °C)	kW	2.6	3.0	4.2	6.0
	Power Input	Min ~ Rated ~ Max	W	195 ~ 620 ~ 1,600	195 ~ 950 ~ 1,600	210 ~ 1,480 ~ 2,000	210 ~ 2,030 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 2.8 ~ 7.0	1.1 ~ 4.3 ~ 7.0	1.2 ~ 6.7 ~ 9.5	1.2 ~ 9.1 ~ 14.0
	COP		W/W	4.52	3.91	3.65	3.45
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
	P design H		kW	2.5	2.5	3.9	5.0
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	875 (386)	875 (386)	1,270 (555)	1,628 (713)
INDOOR UNIT				**PZ09EYN.CSJ1**	**PZ12EYN.CSJ1**	**PZ18EYN.CSK1**	**PZ24EYN.CSK1**
Dimensions (W × H × D)		Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
		Shipping	mm	880 x 380 x 240	880 x 380 x 240	1,050 x 420 x 265	1,050 x 420 x 265
Weight		Net	kg	8.7	8.7	11.2	11.9
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 41 / 45	27 / 35 / 41 / 45	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power Level			dB(A)	59	59	60	65
Moisture Removal			l/h	1.1	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**PZ09EYU.CA31**	**PZ12EYU.CA31**	**PZ18EYU.CL21**	**PZ24EYU.C241**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	830 x 540 x 390	830 x 540 x 390	920 x 590 x 390	1,035 x 700 x 450
Weight		Net	kg	25.2	25.2	32.8	44.4
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	7	7	10	15
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

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- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Active Energy Control : Efficiently adjust energy consumption levels and cooling capacity in Cooling Only mode.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Gold Fin™ Coating : Protects the heat exchanger from unnecessary wear and corrosion, enhancing durability.
- Low Heating protects your home from freezing temperatures.
- KW Manager adjusts operations based on your energy-saving goals.

Single Combination

SET UNIT				EZ09CYS.SSJ	EZ12CYS.SSJ	EZ18CYS.SSK	EZ24CYS.SSK
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.7	0.89 ~ 3.5 ~ 4.04	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	200 ~ 656 ~ 1,400	200 ~ 1,080 ~ 1,400	210 ~ 1,562 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.3 ~ 6.0	1.1 ~ 4.7 ~ 6.0	1.2 ~ 6.9 ~ 9.0	1.2 ~ 9.8 ~ 14.0
	EER		W/W	3.81	3.24	3,2	3.05
	SEER		-	7.0	6.6	7.0	6.9
	P design C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	125	186	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.8 ~ 4.1	0.89 ~ 3.71 ~ 5.1	0.9 ~ 5.4 ~ 6.4	0.9 ~ 7.0 ~ 8.64
		Max (-7 °C)	kW	2.6	3.0	4.2	6.0
	Power Input	Min ~ Rated ~ Max	W	195 ~ 620 ~ 1,600	195 ~ 950 ~ 1,600	210 ~ 1,480 ~ 2,000	210 ~ 2,030 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 2.8 ~ 7.0	1.1 ~ 4.3 ~ 7.0	1.2 ~ 6.7 ~ 9.5	1.2 ~ 9.1 ~ 14.0
	COP		W/W	4.52	3.91	3.65	3.45
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
	P design H		kW	2.5	2.5	3.9	5.0
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	875 (386)	875 (386)	1,270 (555)	1,628 (713)
INDOOR UNIT				**EZ09CYN.CSJ1**	**EZ12CYN.CSJ1**	**EZ18CYN.CSK1**	**EZ24CYN.CSK1**
Dimensions (W × H × D)		Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
		Shipping	mm	880 x 380 x 240	880 x 380 x 240	1,050 x 420 x 265	1,050 x 420 x 265
Weight		Net	kg	8.7	8.7	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 41 / 45	27 / 35 / 41 / 45	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power Level			dB(A)	59	59	60	65
Moisture Removal			l/h	1.1	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**EZ09CYU.CA31**	**EZ12CYU.CA31**	**EZ18CYU.CL21**	**EZ24CYU.C241**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	830 x 540 x 390	830 x 540 x 390	920 x 590 x 390	1,035 x 700 x 450
Weight		Net	kg	25.2	25.2	32.8	44.4
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	7	7	10	15
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
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Wi-Fi R32



DUAL Inverter Heat Pump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

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- Low Heating protects your home from freezing temperatures.
- KW Manager adjusts operations based on your energy-saving goals.

Single Combination

SET UNIT				EZ09CSS.SSJ	EZ12CSS.SSJ	EZ18CSS.SSK	EZ24CSS.SSK
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.5 ~ 3.7	0.89 ~ 3.5 ~ 4.04	0.9 ~ 5.0 ~ 5.5	0.9 ~ 6.6 ~ 7.42
	Power Input	Min ~ Rated ~ Max	W	200 ~ 656 ~ 1,400	200 ~ 1,080 ~ 1,400	210 ~ 1,562 ~ 1,940	210 ~ 2,164 ~ 2,500
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.3 ~ 6.0	1.1 ~ 4.7 ~ 6.0	1.2 ~ 6.9 ~ 9.0	1.2 ~ 9.8 ~ 14.0
	EER		W/W	3.81	3.24	3,2	3.05
	SEER		-	7.0	6.6	7.0	6.9
	P design C		kW	2.5	3.5	5.0	6.6
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	125	186	250	335
Heating	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.8 ~ 4.1	0.89 ~ 3.71 ~ 5.1	0.9 ~ 5.4 ~ 6.4	0.9 ~ 7.0 ~ 8.64
		Max (-7 °C)	kW	2.6	3.0	4.2	6.0
	Power Input	Min ~ Rated ~ Max	W	195 ~ 620 ~ 1,600	195 ~ 950 ~ 1,600	210 ~ 1,480 ~ 2,000	210 ~ 2,030 ~ 2,750
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 2.8 ~ 7.0	1.1 ~ 4.3 ~ 7.0	1.2 ~ 6.7 ~ 9.5	1.2 ~ 9.1 ~ 14.0
	COP		W/W	4.52	3.91	3.65	3.45
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
	P design H		kW	2.5	2.5	3.9	5
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	875 (386)	875 (386)	1,270 (555)	1,628 (713)
INDOOR UNIT				**EZ09CSN.CSJ1**	**EZ12CSN.CSJ1**	**EZ18CSN.CSK1**	**EZ24CSN.CSK1**
Dimensions (W × H × D)		Net	mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
		Shipping	mm	882 x 371 x 230	882 x 371 x 230	1053 x 424 x 278	1053 x 424 x 278
Weight		Net	kg	8.7	8.7	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	27 / 35 / 41 / 45	27 / 35 / 41 / 45	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power Level			dB(A)	59	59	60	65
Moisture Removal			l/h	1.1	1.3	1.8	2.5
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**EZ09CSU.CA31**	**EZ12CSU.CA31**	**EZ18CSU.CL21**	**EZ24CSU.C241**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
		Shipping	mm	837 x 531 x 317	837 x 531 x 317	919 x 599 x 392	1,026 x 683 x 446
Weight		Net	kg	25.2	25.2	32.8	44.4
Air Flow Rate		Max	m^3/min	27	27	35	49
Sound Pressure Level	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level		Rated	dB(A)	65	65	65	70
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-10 ~ 48	-10 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52	Ø 12.7	Ø 15.88
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference		m	7	7	10	15
Compressor	Type		-	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump	DUAL Inverter HeamPump
ACCESSORIES & OTHERS							
Multi Compatible				Yes	Yes	Yes	Yes
PI485				-	-	Yes	Yes
Dry Contact				Yes	Yes	Yes	Yes
Wired Remote Controller				Yes	Yes	Yes	Yes

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※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
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Wi-Fi R32



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Create a Comfortable Home with Lower Energy Use

- Pre-Cool & Heat by ThinQ App.
- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Dual Sensing determines the difference between the indoor temperature and the user's surrounding (remote control) temperature.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Matte Design.

Single Combination

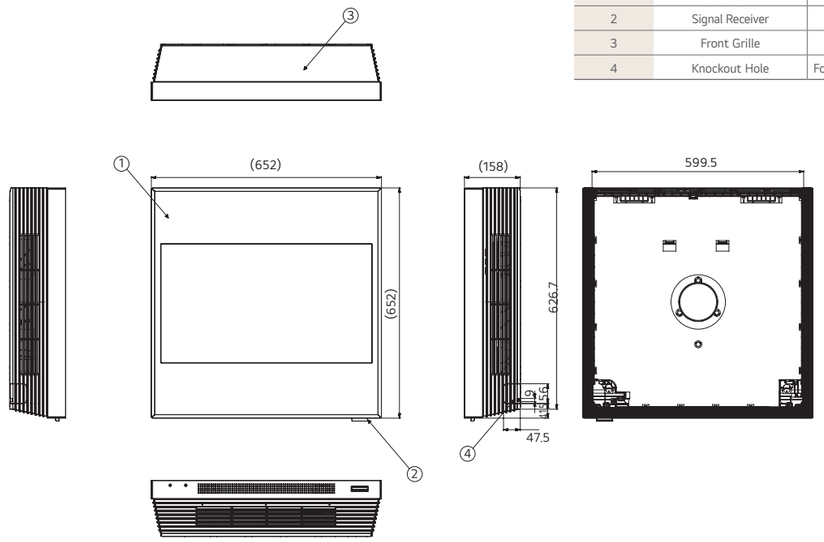
SET UNIT				WZ09AWS.SNU	WZ12AWS.SNU	WZ18AWS.SNU	WZ24AWS.SNU
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.94 ~ 2.50 ~ 3.40	1.00 ~ 3.45 ~ 3.75	1.50 ~ 5.50 ~ 5.30	1.50 ~ 6.95 ~ 7.35
	Power Input	Min ~ Rated ~ Max	W	240 ~ 769 ~ 1,380	160 ~ 1,062 ~ 1,700	330 ~ 1,563 ~ 2,340	460 ~ 2,152 ~ 2,700
	Running Current	Min ~ Rated ~ Max	A	1.2 ~ 5.3 ~ 8.0	1.2 ~ 4.8 ~ 7.4	1.7 ~ 6.9 ~ 12.0	2.0 ~ 9.3 ~ 12.8
	EER		W/W	3.25	3.25	3.23	3.23
	SEER		-	6.1	6.1	6.1	6.5
	P design C		kW	2.5	3.4	5.0	6.9
	Energy Label Grade (A+++ to D Scale)		-	A++	A++	A++	A++
	Annual Energy Consumption		kWh	143	198	290	374
Heating	Capacity	Min ~ Rated ~ Max	kW	0.94 ~ 2.75 ~ 3.50	1.00 ~ 3.50 ~ 3.80	1.50 ~ 5.10 ~ 6.00	1.50 ~ 6.95 ~ 7.80
		Max (-7 °C)	kW	2.20	2.15	3.56	4.55
	Power Input	Min ~ Rated ~ Max	W	240 ~ 733 ~ 1,552	150 ~ 944 ~ 1,350	340 ~ 1,375 ~ 2,520	460 ~ 1,873 ~ 2,650
	Running Current	Min ~ Rated ~ Max	A	1.2 ~ 4.8 ~ 9.0	1.3 ~ 4.5 ~ 6.5	1.7 ~ 6.5 ~ 13.0	2.0 ~ 8.2 ~ 13.0
	COP		W/W	3.75	3.71	3.71	3.71
	SCOP (Average / Warmer)	Average (Warmer)	-	4.0 (5.1)	4.0 (5.1)	4.0 (5.1)	4.0 (5.1)
	P design H		kW	2.4	2.5	4.1	5.2
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A+++)	A+ (A+++)	A+ (A+++)	A+ (A+++)
	Annual Energy Consumption	Average (Warmer)	kWh	858 (659)	875 (878)	1,435 (1,373)	1,820 (1,702)
INDOOR UNIT				**WZ09AWN.SNU1**	**WZ12AWN.SNU1**	**WZ18AWN.SNU1**	**WZ24AWN.SNU1**
Dimensions (W × H × D)		Net	mm	781 x 274 x 197	913 x 309 x 204	913 x 309 x 204	1,008 x 325 x 228
		Shipping	mm	840 x 335 x 255	979 x 378 x 265	979 x 378 x 265	1,096 x 390 x 297
Weight		Net	kg	7.6	9.2	9.3	11.8
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	9.7 / 8.5 / 6.5 / 5.5 / 2.8	9.7 / 8.5 / 7.3 / 5.6 / 4.8	14.3 / 12.8 / 9.8 / 7.7 / 6.8	16.7 / 13.2 / 11.8 / 9.5 / 8.2
	Heating	L / M / H / SH	m^3/min	9.2 / 7.8 / 6.3 / 4.8 / 3.5	8.8 / 7.2 / 5.8 / 4.5 / 4.0	12.8 / 11.0 / 9.2 / 7.2 / 5.3	245 / 21.7 / 16.7 / 12.0 / 8.3
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	42 / 39 / 35 / 31 / 27	38 / 35 / 32 / 27 / 25	48 / 46 / 40 / 34 / 31	52 / 49 / 43 / 38 / 37
	Heating	L / M / H / SH	dB(A)	44 /40 / 35 / 31 / 27	46 / 35 / 31 / 27 / 25	57 / 45 / 39 / 34 / 30	61 / 49 / 43 / 38 / 34
Sound Power Level			dB(A)	54	55	60	65
Moisture Removal			l/h	1.0	1.2	1.5	1.8
Drain Hose Size		O.D, I.D	mm	19.0, 16.0	19.0, 16.0	19.0, 16.0	19.0, 16.0
OUTDOOR UNIT				**WZ09AWU.SUU1**	**WZ12AWU.SUU1**	**WZ18AWU.SUU1**	**WZ24AWU.SUU1**
Dimensions (W × H × D)		Net	mm	712 x 459 x 276	787 x 498 x 290	863 x 602 x 349	927 x 699 x 380
		Shipping	mm	765 x 481 x 310	818 x 515 x 325	890 x 628 x 385	950 x 732 x 420
Weight		Net	kg	20.0	21.1	30.2	38.0
Air Flow Rate		Max	m^3/min	28.3	28.3	34.0	39.0
Sound Pressure Level	Cooling	Rated	dB(A)	54 / 54	54 / 54	55 / 55	58 / 58
	Heating	Rated	dB(A)	53 / 54	54 / 54	55 / 55	60 / 60
Sound Power Level		Rated	dB(A)	64	65	65	69
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	16	16	16	16
Power Supply Cable			No. × mm^2	3 x 1.5	3 x 1.5	3 x 1.5	3 x 1.5
Power and Communication Cable			No. × mm^2	4 x 0.75	4 x 0.75	4 x 0.75	4 x 0.75
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	0.52 / 0.351	0.54 / 0.365	0.78 / 0.527	1.00 / 0.675
	Chargeless		m	5	5	5	5
	Additional Charge		g/m	16	16	16	16
Piping	Size	Liquid	mm	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")	Ø 6.35 (1/4")
		Gas	mm	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 9.52 (3/8")	Ø 12.7 (1/2")
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 5 / 15	3 / 5 / 15	3 / 5 / 15	3 / 5 / 15
		No Charge (Chargeless)	m	5	5	5	5
	Max. Elevation Difference		m	10	10	10	10
Compressor	Type		-	Single Rotary	Single Rotary	Single Rotary	Single Rotary
ACCESSORIES & OTHERS							
Multi Compatible				-	-	-	-
PI485				-	-	-	-
Dry Contact				-	-	-	-
Wired Remote Controller				-	-	-	-

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※ t-CO_2eq : F-gas(kg)*GWP/1,000
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A09GA2N.EEU / A12GA2N.EEU / A09GA1.NSE / A12GA1.NSE

(Unit : mm)

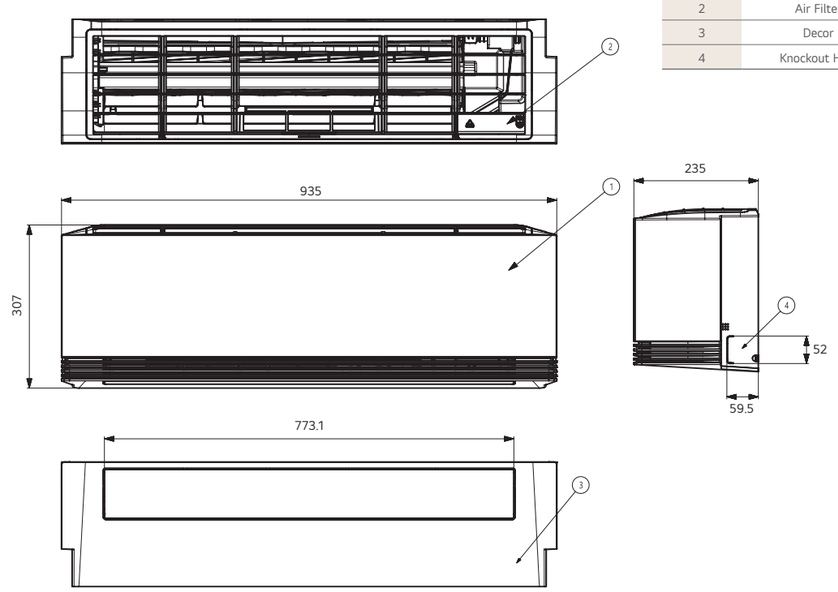
ITEM NO.	PART NAME	REMARK
1	Inlet Grille	
2	Signal Receiver	
3	Front Grille	
4	Knockout Hole	For Pipe and Cable



AA09SP.NS1 / AA12SP.NS1 / AA18SP.NS1

(Unit : mm)

ITEM NO.	PART NAME	REMARK
1	Front Grill	
2	Air Filter	
3	Decor	
4	Knockout Hole	For Pipe and Cable

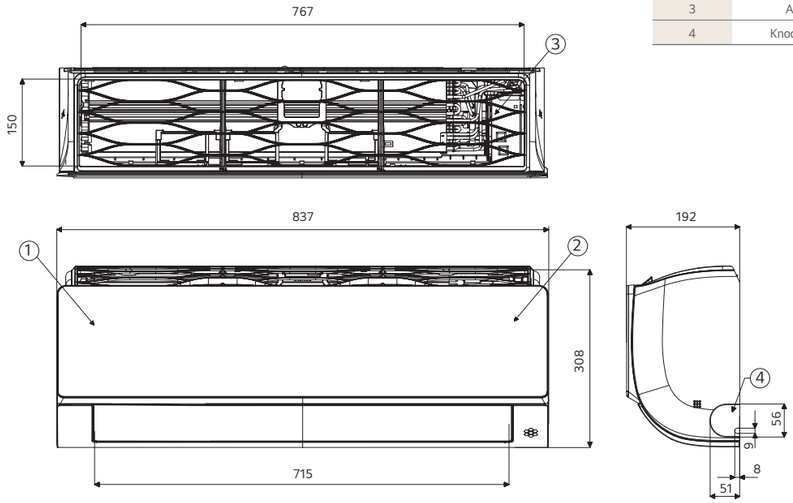


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AC09BK.NSJ / AC12BK.NSJ

(Unit : mm)

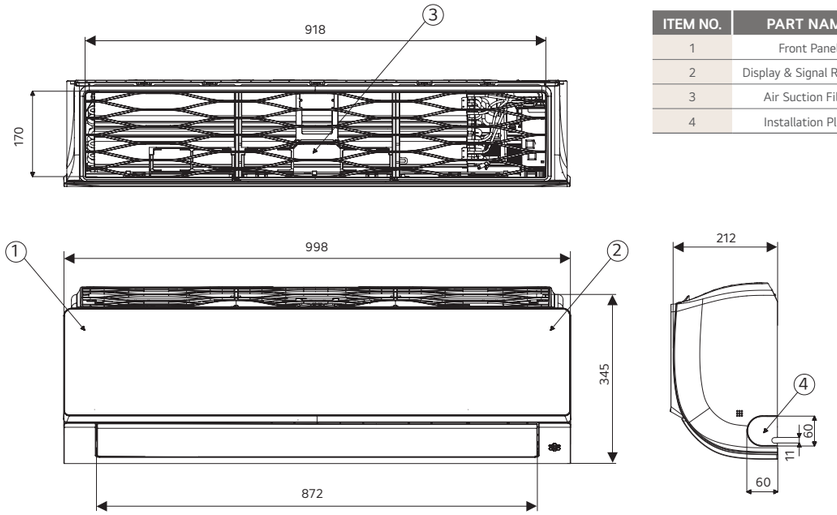
ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	
3	Air Filter	
4	Knockout Hole	For Pipe and Cable



AC18BK.NSK / AC24BK.NSK

(Unit : mm)

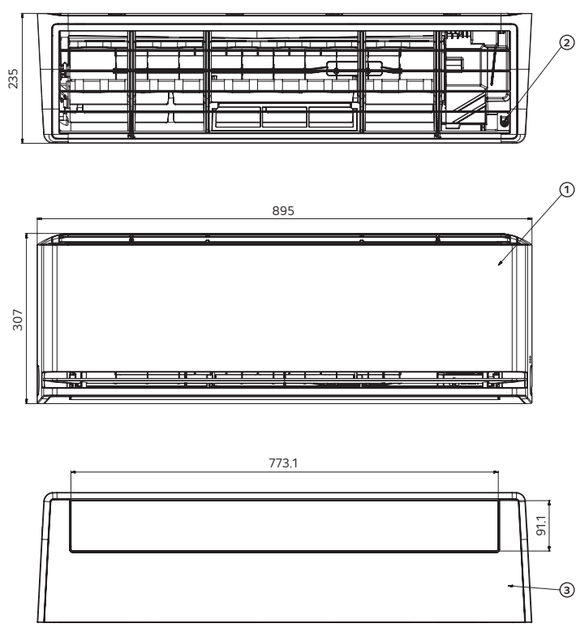
ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	
3	Air Suction Filter	
4	Installation Plate	



※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

H09S1PA.NS1 / H12S1PA.NS1
H09S1DA.NS1 / H12S1DA.NS1 / H18S1DA.NS1 / H24S1DA.NS1

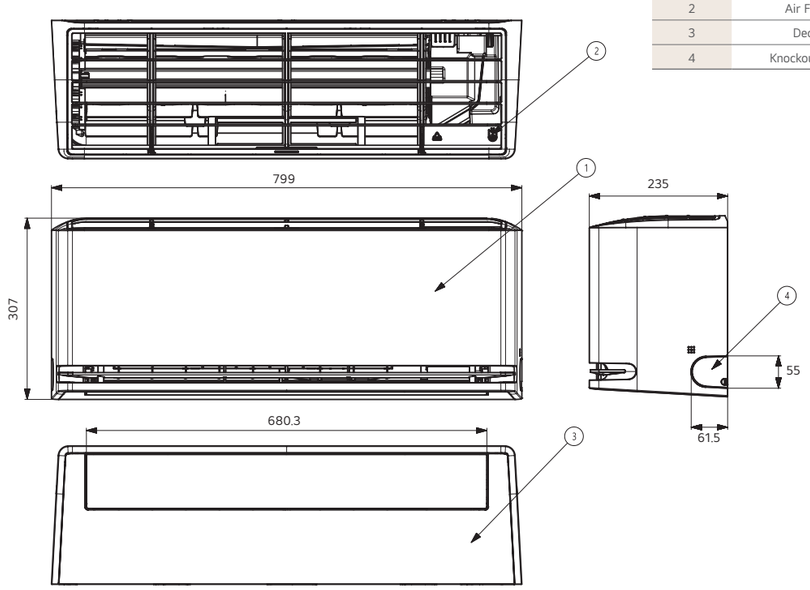
(Unit : mm)



ITEM NO.	PART NAME	REMARK
1	Front Grill	
2	Air Filter	
3	Decor	
4	Knockout Hole	For Pipe and Cable

P09SND.NS0 / P12SND.NS0

(Unit : mm)

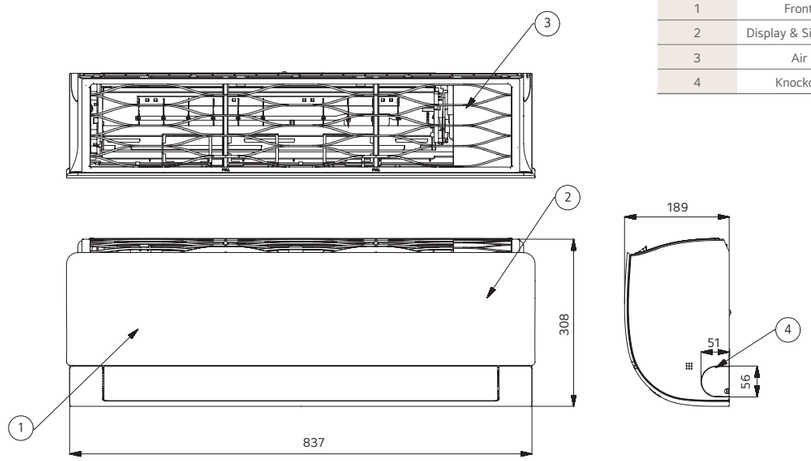


ITEM NO.	PART NAME	REMARK
1	Front Grill	
2	Air Filter	
3	Decor	
4	Knockout Hole	For Pipe and Cable

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

PZ09EYN.CSJ1 / PZ12EYN.CSJ1
EZ09CYN.CSJ1 / EZ12CYN.CSJ1
EZ09CSN.CSJ1 / EZ12CSN.CSJ1

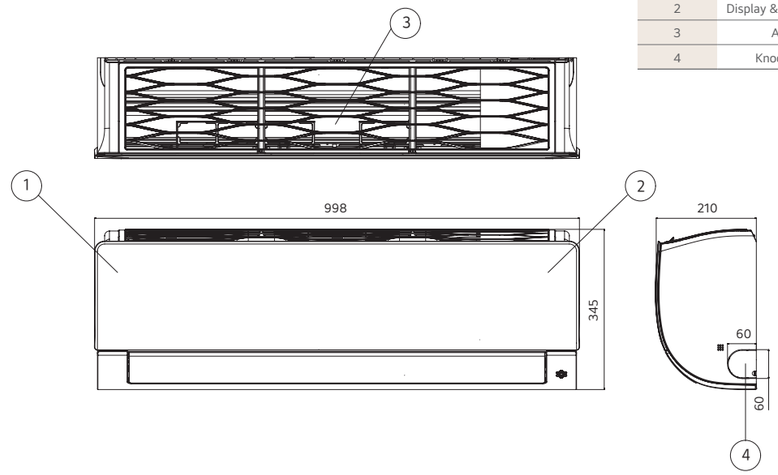
(Unit : mm)



ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout Hole	For Pipe and Cable

PZ18EYN.CSK1 / PZ24EYN.CSK1
EZ18CYN.CSK1 / EZ24CYN.CSK1
EZ18CSN.CSK1 / EZ24CSN.CSK1

(Unit : mm)



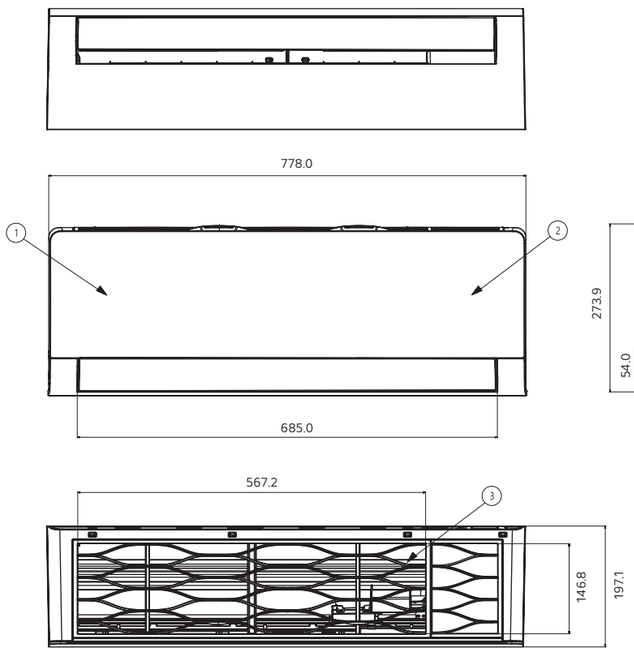
ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout Hole	For Pipe and Cable

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

WZ09AWN.SNU1

(Unit : mm)

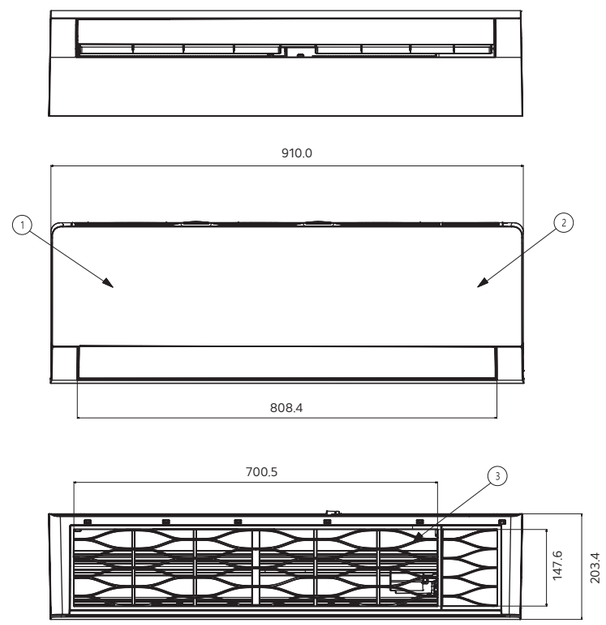
ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout Hole	For Pipe and Cable



WZ12AWN.SNU1 / WZ18AWN.SNU1

(Unit : mm)

ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout Hole	For Pipe and Cable

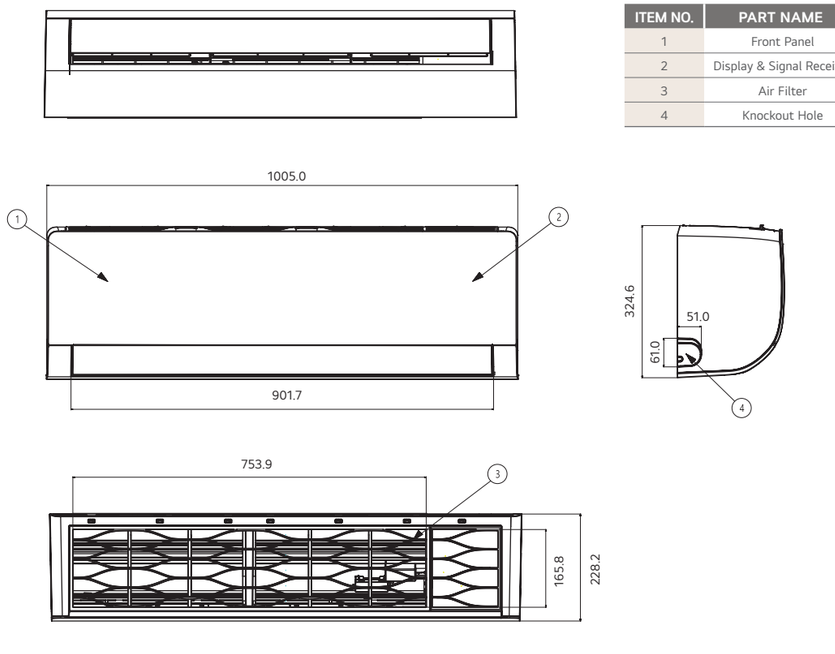


※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

WZ24AWN.SNU1

(Unit : mm)

ITEM NO.	PART NAME	REMARK
1	Front Panel	
2	Display & Signal Receiver	Hidden
3	Air Filter	
4	Knockout Hole	For Pipe and Cable

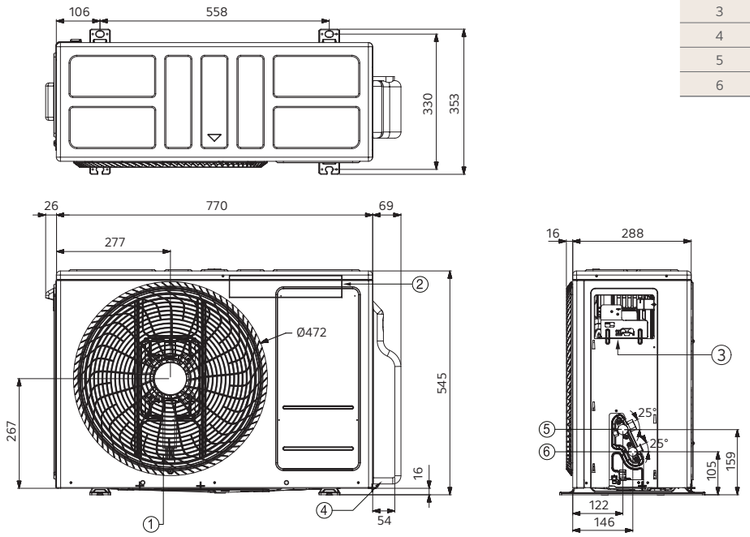


※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

A09GA2U.EEU / A12GA2U.EEU / A09GA1.U18 / A12GA1.U18
AA09SP.U18 / AA12SP.U18 / AA18SP.U18
H09S1PA.U18 / H12S1PA.U18 / H18S1DA.U18
PZ18EYU.CL21 / EZ18CYU.CL21 / EZ18CSU.CL21

(Unit : mm)

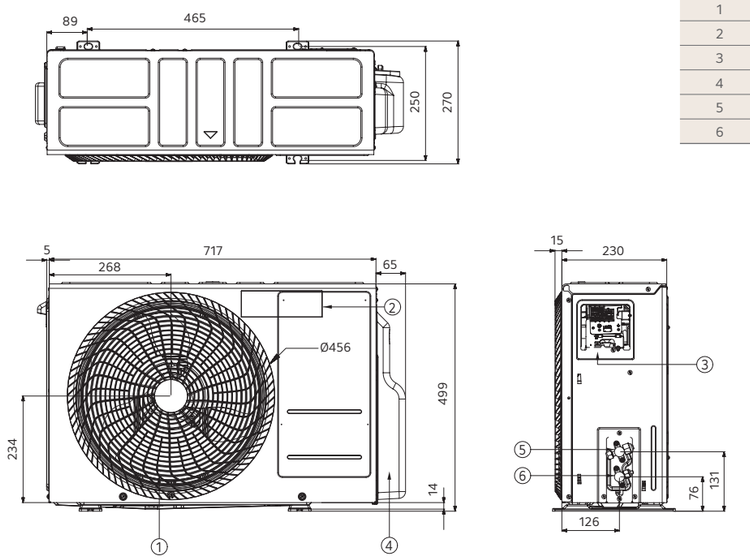
ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection



AC09BK.UA3 / AC12BK.UA3 / P09SND.U12A / P12SND.U12A
H09S1DA.U12 / H12S1DA.U12 / PZ09EYU.CA31 / PZ12EYU.CA31
EZ09CYU.CA31 / EZ12CYU.CA31 / EZ09CSU.CA31 / EZ12CSU.CA31

(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection

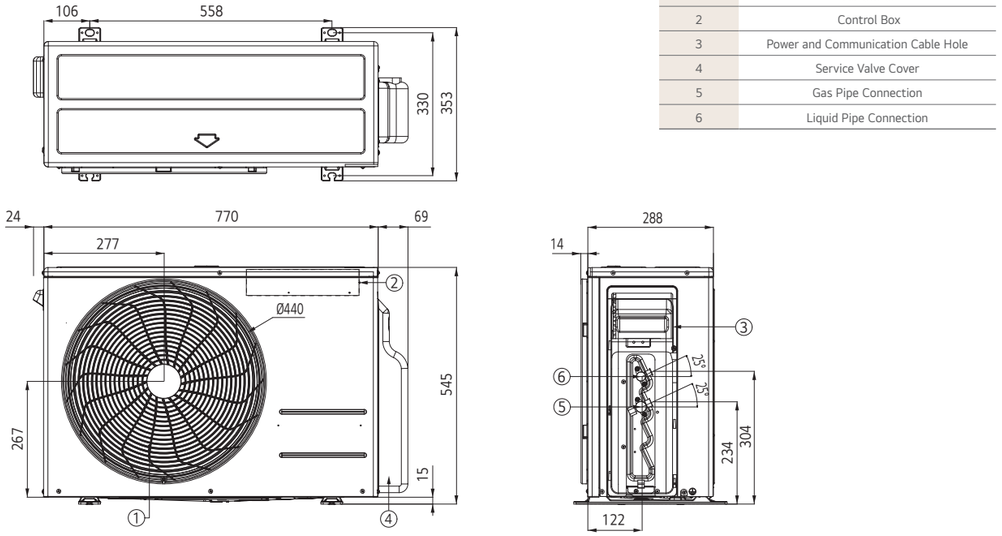


※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

AC18BK.UL2

(Unit : mm)

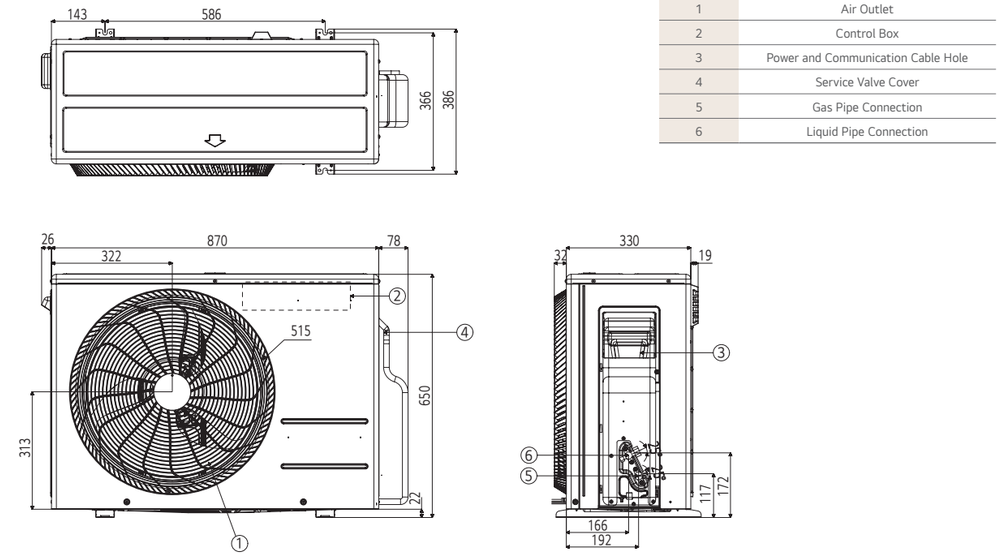
ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection



AC24BK.U24 / H24S1DA.U24 / PZ24EYU.C241
EZ24CYU.C241 / EZ24CSU.C241

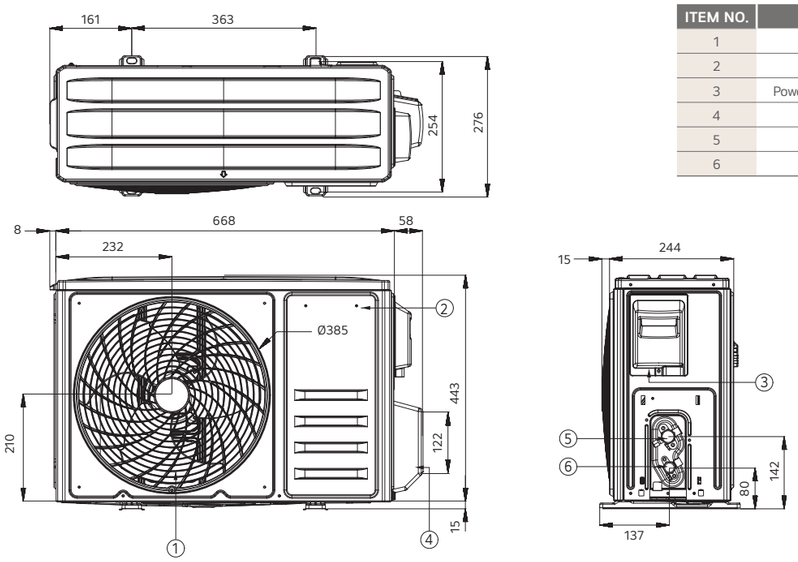
(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection



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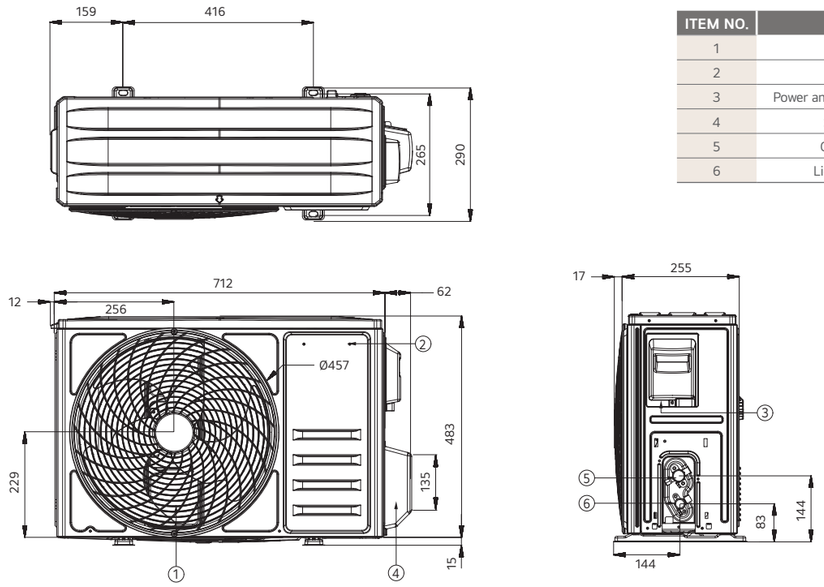
WZ09AWU.SUU1



(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection

WZ12AWU.SUU1

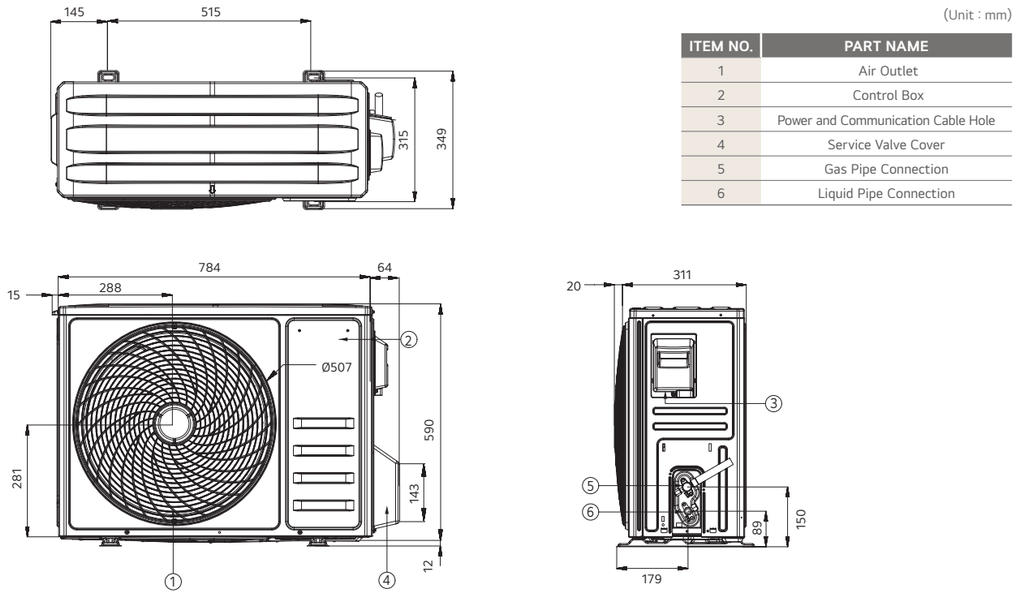


(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection

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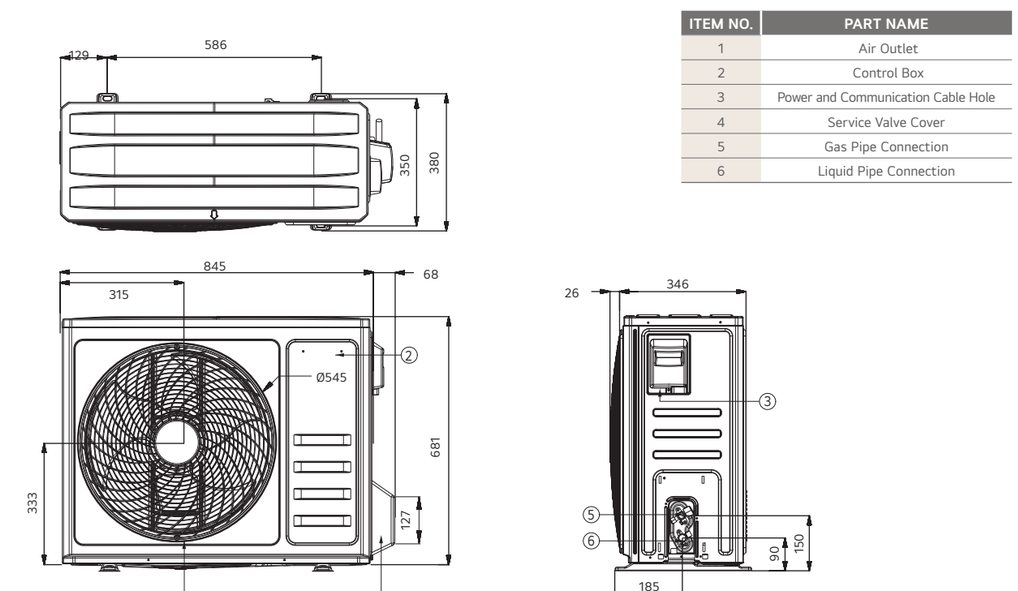
WZ18AWU.SUU1



(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection

WZ24AWU.SUU1



(Unit : mm)

ITEM NO.	PART NAME
1	Air Outlet
2	Control Box
3	Power and Communication Cable Hole
4	Service Valve Cover
5	Gas Pipe Connection
6	Liquid Pipe Connection

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

	BTU	ARTCOOL				DUALCOOL				
		Gallery Premium	Gallery Special	AI Air Mirror	Mirror	AI Air Premium	AI Air Deluxe	AI Air Special	P Series	E Series
Dry Contact	9 k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	12 k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	18 k			Y	Y		Y		Y	Y
	24 k				Y		Y		Y	Y
PI 485	9 k	Y	Y	Y		Y				
	12 k	Y	Y	Y		Y				
	18 k			Y	Y		Y		Y	Y
	24 k				Y		Y		Y	Y
Wired Remote Controller	9 k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	12 k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	18 k			Y	Y		Y		Y	Y
	24 k				Y		Y		Y	Y

* Y : Available

Standard Wired Remote Controller



Standard III
PREMTB101



Standard III
PREMTBB11



Standard II
PREMTB001

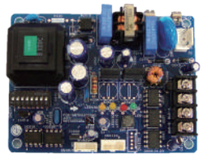


Standard II
PREMTBB01

Model Name	PREMTB101 PREMTBB11	PREMTB001 PREMTBB01
Operation Mode	On / Off, Fan Speed Control, Temperature Setting	
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan	
Auto Swing / Vane Control	●	●
Reservation	Simple, Sleep, On / Off, Weekly, Holiday	
Time Display	●	●
Electrical Failure Compensation	●	●
Child Lock	●	●
Operation Status LED	●	●
Indoor Temperature Display	●	●
Wireless Remote Controller Receiver	-	●
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16
Backlight	●	●
Display AirQuality Status	-	-

※ Refer to each model PDB for applicable models.

PI 485



PMNFP14A1

Power : Single phase AC 220 V 50/60 Hz
Max. no of the indoor units that can be connected : 64 Units
Model applied : RAC / Multi / Single / THERMA V
※ Refer to each product PDB for applicable models.

Dry Contact



PDRYCB000



PDRYCB400



PDRYCB320



PDRYCB500 / PDRYCB510*

※ Refer to each product PDB for applicable models.
* No case for PDRYCB510

Model	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500 / PDRYCB510*
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220 V from outside power source	DC 5 V & 12 V from indoor unit PCB	DC 5 V & 12 V from indoor unit PCB	DC 5 V & 12 V from indoor unit PDB
Voltage / Non Voltage Input	-	●	●	-
On / Off Control	●	●	●	●
Lock / Unlock	-	●	-	-
Fan Speed Setting	-	-	●	●
Thermo Off	-	●	●	-
Energy Saving	-	●	-	-
Temperature Setting	-	●	●	●
Error Monitoring	●	●	●	●
Operation Monitoring	●	●	●	●

Remote Controller



ARTCOOL
Gallery Premium

Image	Description
	Power Turns the appliance on or off.
	Connecting to LG ThinQ Press and hold the **Power** button for 3 seconds to prepare the status for connecting appliance and wi-fi.
Mode	**Mode** Selects the desired operating mode. • Each press changes the mode in this order : **Cooling → Auto → Dehumidification → Heating → Fan**
	Connecting the Appliance and Remote Control Press and hold the **Mode** button for about 3 seconds to connect the appliance and remote control.
Sleep	**Sleep** Automatically turns the appliance off at a desired time. Use it before sleeping.
	Display Turns the appliance's screen on, off, or changes it. • Each time you press the button, the appliance screen changes in the order of cover screen & home screen.
	Turning the Appliance's Screen On or Off Press and hold the button for 3 seconds to turn the appliance's screen on or off
Energy Jet	**Energy/Jet** Selects the desired function. • In the Cooling mode, each time you press the **Energy/Jet** button the mode changes in the following order : **Energy Saving → Smart Care → Jet Cooling → Cooling.** • In the Heating mode, each time you press the Energy/Jet button the mode changes in the following order : **Smart care → Jet Heating → Heating.**
	Turning Indirect Airflow On or Off Press and hold the **Energy/Jet** button for 3 seconds to turn Indirect Airflow on or off
Temp.	**Temperature ∧,∨** Adjusts the desired room temperature.
Fan Speed + −	**Fan Speed +, −** Adjusts the fan speed. • The fan speed can be set in the order of **1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ Auto** levels.
	Pointer Checks or sets various functions on the appliance screen using the remote control.
‹	**Sound Volume -** Reduces or turns off the notification sounds that occur when you set up or change appliance features.
›	**Sound Volume +** Turns on or increases the notification sounds that occur when you set up or change appliance features.
/OK	**Function** Sets Plasmaster Ionizer, Auto Clean+, Freeze Cleaning, Sleep Timer, On Timer, Off Timer, Cancel all Timer, Smart Diagnosis, and LED Light.
	Reset Resets the wireless remote control setting. Open the remote control battery cover and then press the Reset button to reset it.
+	If the appliance system operates slowly or freezes while using the appliance, or if the appliance suddenly turns off, you can restart the product. • Press and hold the button and the button on the remote control at the same time for 3 seconds.

Setting Functions

Image	Description
Plasmaster Ionizer	Ion particles from Ionizer reduce the surface bacteria and other harmful substances.
Auto Clean+	Moisture remaining in the heat exchanger can be reduced by operating the appliance in a blowing state for a certain period of time.
Freeze Cleaning	Contaminants such as dust are reduced by repeating the process of freezing and thawing the heat exchanger inside the appliance.
Sleep Timer	Sets sleep mode to help you sleep better. • Sleep mode starts from 30 minutes and can be set in hourly increments up to 12 hours.
On Timer	Sets the appliance to turn on automatically at a desired time. • For On Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Off Timer	Sets the appliance to turn off automatically at a desired time. • For Off Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Cancel all Timer	Cancels all timer settings.
Smart Diagnosis	Easily check the maintenance information of an appliance.
LED Light	Turns on and off the LED light which is located on the lower right side of the appliance.

NOTE
• If the remote control is not connected, some functions cannot be used.
• When you turn the remote control off and on again, the last used settings will appear on the remote control display.
• The remote control display may differ from the image in the owner's manual depending on the model.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.



ARTCOOL
Gallery Special

Image	Description
	Power Turns the appliance on or off.
	Connecting to LG ThinQ Press and hold the **Power** button for 3 seconds to prepare the status for connecting appliance and wi-fi.
Mode	**Mode** Selects the desired operating mode. • Each press changes the mode in this order : **Cooling → Auto → Dehumidification → Heating → Fan**
Sleep	**Sleep** Automatically turns the appliance off at a desired time. Use it before sleeping.
Ionizer	**Ionizer** Ion particles from Ionizer reduce the surface bacteria and other harmful substances.
Energy Jet	**Energy/Jet** Selects the desired function. • In the Cooling mode, each time you press the Energy/Jet button the mode changes in the following order : **Energy Saving → Smart Care → Jet Cooling → Cooling.** • In the Heating mode, each time you press the Energy/Jet button the mode changes in the following order : **Smart care → Jet Heating → Heating.**
Temp.	**Temperature ∧,∨** Adjusts the desired room temperature.
Fan Speed + −	**Fan Speed +, −** Adjusts the fan speed. • The fan speed can be set in the order of **1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ Auto** levels.
Comfort	**Comfort** Adjusts in the way that no air comes out of the air outlet at the bottom of the appliance so that it is not directly hit by air.
‹	‹ › Moves left and right for using the Setting.
›	**Turning Sounds On or Off** Turns on or off the notification sound that occur when you set up or change appliance features.
/OK	**Function** Sets Auto Clean+, Freeze Cleaning, Sleep Timer, On Timer, Off Timer, Cancel all Timer, Smart Diagnosis, and LED Light.
	Reset Resets the wireless remote control setting. Open the remote control battery cover and then press the Reset button to reset it.

Setting Functions

Image	Description
Auto Clean+	Moisture remaining in the heat exchanger can be reduced by operating the appliance in a blowing state for a certain period of time.
Freeze Cleaning	Contaminants such as dust are reduced by repeating the process of freezing and thawing the heat exchanger inside the appliance.
Sleep Timer	Sets sleep mode to help you sleep better. • Sleep mode starts from 30 minutes and can be set in hourly increments up to 12 hours.
On Timer	Sets the appliance to turn on automatically at a desired time. • For On Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Off Timer	Sets the appliance to turn off automatically at a desired time. • For Off Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Cancel all Timer	Cancels all timer settings.
Smart Diagnosis	Easily check the maintenance information of an appliance.
LED Light	Turns on and off the LED light which is located on the lower right side of the appliance.

NOTE
• When you turn the remote control off and on again, the last used settings will appear on the remote control display.
• The remote control display may differ from the image in the owner's manual depending on the model.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

Remote Controller



ARTCOOL AI Air Mirror
DUALCOOL AI Air Premium
DUALCOOL AI Air Deluxe
DUALCOOL AI Air Special

Button	Description
	Power Turns the appliance on or off.
	Connecting to LG ThinQ Press and hold the **Power** button for about 3 seconds to prepare the statue for connecting appliance and Wi-Fi.
Mode Air Purify (3 s)	**Mode** Selects the desired operation mode. • Each press changes the modes in this order : **Cooling → Auto → Dehumidification → Heating → Fan**
	Air Purify (3 s) Press and hold the **Mode** button for about 3 seconds to supply clean, fresh air using ion particles and the filter. * Not apply to DUALCOOL AI Air SPECIAL
Soft Air AI Air (3 s)	**Soft Air** Keep you cool without feeling a draft.
	AI Air (3 s) Press and hold the **Soft Air** button for about 3 seconds to operate automatically by detecting the surrounding environment and user characteristics.
Temp. ∧,∨	**Temp. ∧,∨** Adjusts the desired room temperature.
Fan Speed +, −	**Fan Speed +, −** Adjust the fan speed.
Direct/Indirect (3 s)	**Up-Down Swing** Adjusts the airflow direction up and down.
	Direct / Indirect (3 s) Press and hold the button for about 3 seconds to set either a direct or Indirect airflow based on your preferences. * Not apply to DUALCOOL AI Air DELUXE & SPECIAL
	Cleaning Mode While the remote control and appliance are turned off, press and hold the button for about 5 seconds to fix the vane for cleaning the vane easily.
Jet Mode (3 s)	**(Left-Right Swing)** Adjusts the airflow direction left and right.
	Jet Mode (3 s) Press and hold the button for about 3 seconds to change the room temperature quickly.
Mute (3 s)	**Energy Control** Decrease the power input. You can control energy consumption.
	Mute (3 s) Press and hold the button for about 3 seconds to turn off the beep sound.
/OK	**Function** Selects the desired function.
Light Off (3 s)	**(Sleep)** Automatically turns the appliance off at a desired time. Use it before sleeping.
	Light Off (3 s) Press and hold the button for about 3 seconds to set the light off function.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.



ARTCOOL Mirror
DUALCOOL P Series
DUALCOOL E Series

Button	Description
	Power Turns the appliance on or off.
	Connecting to LG ThinQ Press and hold the **Power** button for about 3 seconds to prepare the statue for connecting appliance and Wi-Fi.
Mode	**Mode** Selects the desired operation mode. • Each press changes the modes in this order : **Cooling → Auto → Dehumidification → Heating → Fan**
	Diagnosis Press and hold the **Mode** button for about 3 seconds to easily check the maintenance information of the appliance.
	Up-Down Swing Adjusts the airflow direction up and down.
	Low Heat Press and hold the **Up-Down Swing** button for about 3 seconds to operate the heating system to maintain a minimum room temperature.
	Left-Right Swing Adjusts the airflow direction left and right.
	Room Temp. Press and hold the **Left-Right Swing** button for about 3 seconds to display the room temperature.
Com -fort	**Comfort** Adjusts the airflow to deflect wind. You can avoid direct winds.
	Auto Clean Press and hold the **Comfort** button for about 3 seconds to remove the moisture remaining inside the appliance after stopping operation.
	Temperature ∧,∨ Adjusts the target room temperature.
	Fan Speed +, − Adjusts the fan speed.
Jet	**Jet** Changes the room temperature quickly.
	Light Press and hold the **Jet** button for about 3 seconds to turn the indoor unit display on or off.
Energy Ctrl.	**Energy Ctrl.** Decrease the power input. You can control energy consumption.
	Consumption Press and hold the **Energy Ctrl.** button for about 3 seconds to set whether or not to display information regarding energy.
Air Purify	**Air Purify** The ion generator uses millions of ions to help improve indoor air quality.
	Mute Press and hold the **Air Purify** button for about 3 seconds to turn off the beep sound.
Sleep	**Sleep** Automatically turns the appliance off at a desired time. Use it before sleeping.
	Clear Press and hold the **Sleep** button for about 3 seconds to cancel the sleep timer setting.
On	**On** Automatically turns the appliance on at a desired time.
	Clear Press and hold the **On** button for about 3 seconds to cancel the on timer setting.
Off	**Off** Automatically turns the appliance off at a desired time.
	Clear Press and hold the **Off** button for about 3 seconds to cancel the off timer setting.

※ Some functions may not be supported, depending on the model.

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Remote Controller



DUALCOOL W Series

Button	Display Screen	Description
Dual Sensing		To set or cancel dual sensing mode operation.
⏻	-	To turn on / off the air conditioner.
Light Off	-	To turn on / off the air conditioner indoor display.
Mode	❄	To select the cooling mode.
	Ⓐ	To select the auto changeover/auto operation mode.
	💧	To select the dry mode.
	☀	To select the heating mode.
	🌀	To select the fan mode.
Fan Speed	▮	To adjust the fan speed.
Energy Saving	ⓔ	To minimize power consumption.
Jet Mode	Po ▮	To change room temperature quickly.
∧ ∨	88°C	To adjust the desired room temperature in cooling, heating or auto mode. (16°C ~ 31°C)
Swing		To adjust the air flow direction vertically.
Swing		To adjust the air flow direction horizontally. (Optional)
Room Temp.		To display the room temperature.
Sleep		To set the sleeping mode automatically.
Func.		The Ion generator uses millions of ions to help improve indoor air quality. (Optional)
		To remove moisture generated inside the indoor unit.
Timer	ON OFF	To turn on/off air conditioner automatically at desired time.
Set/Cancel	-	To set/cancel the special functions and timer.
∨ ∧	-	To adjust time.
°C ↔ °F[5sec]	°C °F	To change unit between °C and °F

※ Remote Controller specifications may vary for each model.
※ Remote Controller specification, design and feature are subject to change without prior notice.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

NOTE

LG DUALCOOL™ AI HeatPump

074

DUALCOOL PREMIUM
DUALCOOL DELUXE





○ Single Split Only

MODEL		kBtu	9	12
		kW	2.6	3.5
LG DUALCOOL™	Heatpump AI Air Premium	Wi-Fi R32	○ NH09SP2.NS2	○ NH12SP2.NS2
	Heatpump AI Air Deluxe	 Wi-Fi R32	○ NH09SP.NS1	○ NH12SP.NS1

MODEL		kBtu	9	12
		kW	2.6	3.5
LG DUALCOOL™	Heatpump AI Air Premium	 Wi-Fi R32	○ NH09SP2.U24A	○ NH12SP2.U24A
	Heatpump AI Air Deluxe	 Wi-Fi R32	○ NH09SP.U24A	○ NH12SP.U24A

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

○ : Applied to only Single

Category		LG DUALCOOL™			
Product Grade Naming		Heatpump AI Air Premium		Heatpump AI Air Deluxe	
BTU		9K	12K	9K	12K
CORE TECH	DUAL Inverter HeatPump Compressor™	○	○	○	○
	AI Air	○	○	○	○
	Pre-Cool & Heat*	○	○	○	○
	ThinQ UP	○	○	○	○
COMFORT	Soft Air	○	○	○	○
	DUALVane™	○	○	○	○
	FirePlace	○	○		
	Sleep Timer+	○	○	○	○
	Comfort Humidity Control	○	○	○	○
ENERGY SAVING	kW Manager	○	○	○	○
	Human Detecting Sensor	○	○	○	○
	Window Open Detection	○	○	○	○
	Low Heating	○	○	○	○
	Active Energy Control	○	○	○	○
HEALTH	All Cleaning	○	○	○	○
	Auto Clean+	○	○	○	○
	Freeze Cleaning™	○	○	○	○
	Plasmaster™ Ionizer++	○	○	○	○
	Allergy Filter	○	○	○	○
	Auto Cleaning	○	○	○	○
SMART	Embeded Wi-Fi	○	○	○	○
	Voice Control	○	○	○	○
	Low Refrigerant Detection	○	○	○	○
	Smart Diagnosis	○	○	○	○
	Mobile LGMV	○	○	○	○
DURA-BILITY	Gold Fin™	○	○	○	○

* The feature is planned to be released in only Italy, the Netherlands and Germany in December 2025, and the rest of the EU country is also preparing to release it accordingly.
※ ThinQ UP feature is under development and is scheduled to be launched step by step and may vary by country and model.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.



100% Performance at -25°C and Successfully Tested in -35°C

	Indoor Air Temperature : 20°C							
	Deluxe 9 k		Deluxe 12 k		Premium 9 k		Premium 12 k	
Outdoor AirTemperature (°C)	*TC (kW)	*PI (kW)	TC (kW)	PI (kW)	TC (kW)	PI (kW)	TC (kW)	PI (kW)
-25	3.66 (*114%)	2.24	4.00 (100%)	2.47	3.64 (114%)	2.17	4.06 (102%)	2.48
-20	4.18	2.39	4.57	2.64	4.27	2.23	4.76	2.55
-15	4.46	2.31	4.87	2.55	4.53	2.14	5.05	2.44
-10	4.99	2.54	5.45	2.80	5.20	2.49	5.80	2.85
-5	5.01	2.35	5.47	2.59	5.94	2.81	6.62	3.21
0	5.28	2.06	5.77	2.27	6.11	2.40	6.82	2.75
7	5.70	1.66	6.20	1.83	6.40	1.84	7.10	2.10

* TC : Total Capacity / PI : Power Input
* % : vs Rated Capacity

Reliable Technology for Nordic Climate

❶ EU Heat Pump Consortium & Test Lab of Cold Climate (Oslo, Norway)

Nordic cold climate test Boiler / RAC / AWHP Etc



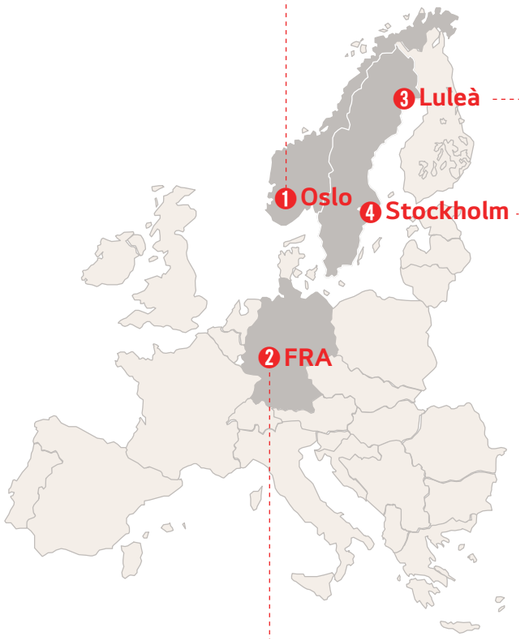
Open & Signing ceremony: '24 June



'24 Nov ~


RAC (S1)


AWHP + Floor Heating + FCU



❸ Field Test Site (Luleà, Sweden)




❹ Field Test Site (Stockholm, Sweden)

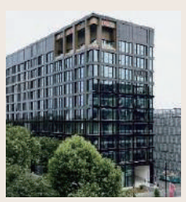


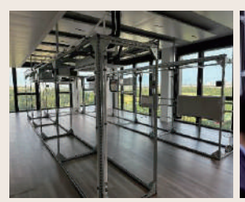

❷ EU Eco Solution R&D Lab. (Frankfurt, Germany)

Establishment of real-local conditions and water piping test facilities
Water pipes such as heating and chillers Multi-V, Single/Multi
Implement smart, net-zero solution test environments
AWHP, RAC, ESS, EVC interlocking control technology Smart grid, energy management content development



Opening Ceremony : '24 June




MULTI V + Indoor Unit


Outdoor Test



LG DUALCOOL™ AI HeatPump for Nordic Climate

AI Comfort Control

AI Air (by AI-powered control)
- DUAL Vane
- Sleep Timer+ (by AI-powered control)
- Soft Air
- Comfort Humidity Control

Proactive Energy Saving

- Fireplace
- Low Heating
- kW Manager
- Human Detecting Sensor
- Window Open Detection

Hygienic Air Care

- Total Air Care
- All Cleaning
- Freeze Cleaning

Nordic-Climate Ready

- Max Heating : 7 kW
  (Indoor Temp: 20°C / Ambient : 7°C)
- Heating Operation : -35 ~ 20°C
- 100% heating Temperature : -25°C

Reliable Heating Performance

Stay Warm through Extreme Cold



Fireplace Function

Keep Warm Air Circulating Efficiently other Heating Source in the Room

In heating mode, when the temperature set by the customer is reached, the compressor stops working and automatically switches to fan mode to operate as a multi-heating device that spreads the heat generated from a fireplace etc.



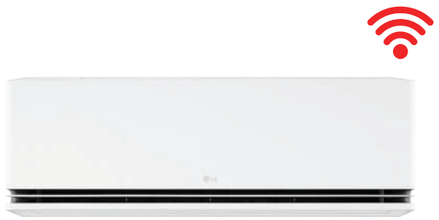
AI Air (by AI-powered control)

Smart Operation with Lower Energy Consumption

Smarter Heating & Cooling with AI Analysis of Space, Location of People

How It Works

ThinQ analyzes not only the customer's air conditioning usage patterns but also periodically analyzes indoor environmental information to automatically set the operating mode of the product and provide customized heating / cooling.



Usage pattern
Indoor / Outdoor environment

Send operating info.

Judgment heating / cooling load
preferred temperature

ThinQ™

Data Analysis
Deep Learning

Benefit

Stay Comfortable Wherever You Are

Enjoy personalized comfort, no matter where you are in the room. Advanced radar sensors detect your location, delivering the perfect breeze for your needs—direct cooling when you're hot and gentle, indirect cooling when you've cooled down.

No Matter Where You Are, Comfort Follows You

With AI Air, comfort is always within reach. Advanced AI-driven space analysis ensures your environment is perfectly adjusted to your needs.

Cooling Soft Air

Say goodbye to temperature extremes. The system eliminates the discomfort of being too cold when it's on or too hot when it's off. Whether you're lounging in bed or relaxing elsewhere, the radar sensor detects your location and adapts.

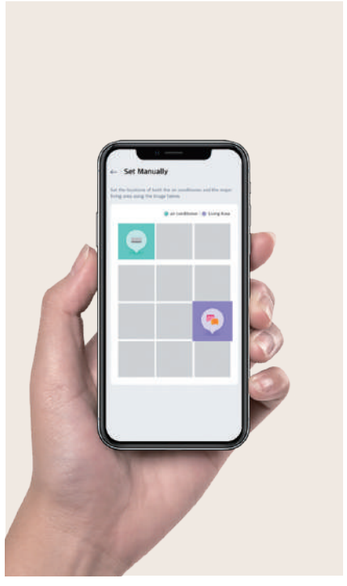
Strong Breeze when It's Hot or Cold.

Gentle, soft airflow as the room warms up or cools down. Experience a perfectly balanced atmosphere tailored just for you, every moment of the day.



Adjust Exactly as You Want

With the ThinQ app, easily set the location of your air conditioner and specify the areas where you spend most of your time. This allows you to enjoy a fully customized airflow, tailored to your unique preferences for the ultimate comfort.



※ The AI Air function is available only in heating and cooling modes. When the AI Air function is activated, it automatically operates in one of three modes (Direct Fast, Indirect Fast, Soft Air) using the "Human Detecting Sensor" or ThinQ settings to occupant's location. And wind direction and speed are adjusted automatically based on the indoor environment and the location of the occupant. When there are multiple occupants in the space, only the location of the nearest occupant is taken into account.
※ The model without a "Human Detecting Sensor (Radar Sensor)" can use the AI Air function by setting the positions of products and furniture in ThinQ. Based on the set positions, the airflow, wind direction, and product performance are adjusted, but tracking functionality is not provided.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

DUALVane™

6% Faster Heating and 22% Longer Range

DUAL Vane spreads airflow up or down, further and faster, for ideal comfort in any season.



22% UP
Air Flow Distance

6% UP
Heating Performance Speed

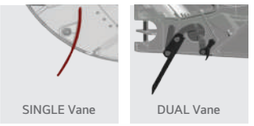
23% UP
Cooling Performance Speed

Longer Stream Wind

The innovative DUAL Vane system combines two separate vanes into one long, unified vane, allowing airflow to reach further than traditional models. This extended airflow ensures more effective and consistent heating / cooling throughout the room, enhancing comfort in every corner.

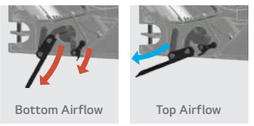
Indirect Flow

The DUAL Vane system offers an indirect airflow mode for a more comfortable experience than traditional single vane. Cold air flows gently from above your head, while warm air rises from beneath your feet, minimizing the discomfort of direct wind contact and creating a more balanced and pleasant environment.



Faster Heating & Cooling

DUAL Vane can provide optimized airflow that single vane can't achieve It enables cooling up to 23% faster and heating up to 6% faster than single vane.



※ Performance comparison vs Single Vane
1) Date 2024.12, Measurement results in LG air conditioner R&D Center, installation height 2.0 m, Fan mode. Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products.
2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 ㎡/50.1 ㎥, Jet mode, Indoor DB (33±0.3)℃ / RH (60±5)%, Outdoor DB (35±0.3)℃ / RH (50±5)% 18℃ setting on cooling mode, Indoor DB (12±0.3)℃ / RH (60±5)%, Outdoor DB (7±0.3)℃ / RH (87±5)% 30℃ setting on heating mode, measured the time took reduce 5℃ (for Cooling) / rise 5℃ (for Heating), from the initial average room temperature. Test Model : S3-M12KL2MB (SK), S3-M121L1C0 (S1 New Platform)
3) The performance result may vary depending on actual usage conditions.

Quick & Easy Installation

Up to 40% Faster Installation

LG air conditioners are designed for easy and efficient installation, making it possible to install several units in a short period of time.

LG DUALCOOL AI Air Split Type Aircon Installation 2025

Browse now



Wi-Fi R32 **AI Air**



AI DUAL Inverter™ HeatPump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Advanced AI Control with Lower Energy Consumption
Energy Class A+++ for Both Heating and Cooling

- DUAL Inverter Heat Pump : 100% performance at -25°C and successfully tested at -35°C
- DUAL Vane : Double slats for up to 6% faster heating and 22% longer range.
- AI Air: Smart operation with lower energy consumption. Optimal comfort air flow thanks to sensors that detect where you are.
- Soft Air : Stay comfortably cool with fine-tuning of wind strength and temperature settings.
- FirePlace : When the temperature set by the customer is reached, the compressor stops working and automatically switches to fan mode to operate as a multi-heating device that spreads the heat generated from a fireplace etc.
- Low Heating protects your home from freezing temperatures.
- Easy Installation : Up to 40% faster installation.
- Energy class A+++ for both heat and cool with high SEER / SCOP.
- Automatic Energy Saving : Detects open windows and activates Pro-active Energy Saving mode Control.
- KW Manager (Cooling Mode Only) : Automatically sets energy-saving steps based on your metered electricity consumption and time information, ensuring efficient energy use.
- All Cleaning, Plasmaster™ Ionizer++ and Allergy Filter ensures hygienic air.
- Sleep Timer+ analyzes usage patterns for better comfort at night.

Single Combination

SET UNIT				NH09SP2.SS2	NH12SP2.SS2
Heating	Capacity	Min ~ Rated ~ Max	kW	0.9 ~ 3.2 ~ 6.4	0.9 ~ 4.0 ~ 7.1
		Max (-7 °C)	kW	4.7	5.1
	Power Input	Min ~ Rated ~ Max	W	190 ~ 590 ~ 1,600	190 ~ 800 ~ 2,000
	Running Current	Min ~ Rated ~ Max	A	1.7 ~ 4.8 ~ 9.0	1.7 ~ 6.3 ~ 10.0
	COP		W/W	5.42	5.00
	SCOP	Average	-	5.1	5.1
	P design H		kW	3.8	3.8
	Energy Label Grade (A+++ to D Scale)	Average	-	A+++	A+++
	Annual Energy Consumption	Average	kWh	1,043	1,043
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.9 ~ 2.5 ~ 4.0	0.9 ~ 3.5 ~ 4.35
	Power Input	Min ~ Rated ~ Max	W	200 ~ 475 ~ 1,500	200 ~ 774 ~ 1,600
	Running Current	Min ~ Rated ~ Max	A	1.8 ~ 3.8 ~ 8.1	1.8 ~ 6.0 ~ 9.0
	EER		W/W	5.26	4.52
	SEER		-	8.8	8.7
	P design C		kW	2.5	3,5
	Energy Label Grade (A+++ to D Scale)		-	A+++	A+++
	Annual Energy Consumption		kWh	99.4	140.8
INDOOR UNIT				**NH09SP2.NS2**	**NH12SP2.NS2**
Dimensions (W × H × D)		Net	mm	1,050 x 307 x 235	1,050 x 307 x 235
		Shipping	mm	1,122 x 383 x 296	1,122 x 383 x 296
Weight		Net	kg	12.6	12.6
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48	27 / 35 / 40 / 48
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.3	1.3
Drain Hose Size		O.D, I.D	mm	21.5, 16	21.5, 16
OUTDOOR UNIT				**NH09SP2.U24A**	**NH12SP2.U24A**
Dimensions (W × H × D)		Net	mm	870 x 650 x 330	870 x 650 x 330
		Shipping	mm	1,026 x 683 x 446	1,026 x 683 x 446
Weight		Net	kg	43.8	43.8
Air Flow Rate		Max	m^3/min	49.0	49.0
Sound Pressure Level	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	51	51
Sound Power Level		Rated	dB(A)	65	65
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-35 ~ 24	-35 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Circuit Breaker			A	25	25
Power Supply Cable			No. × mm^2	3 x 2.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 10 (Including Earth)	4 x 10 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	1.150 / 0.776	1.150 / 0.776
	Chargeless		m	7.5	7.5
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	12.5	12.5
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeatPump	DUAL Inverter HeatPump
ACCESSORIES & OTHERS					
Multi Compatible				-	-
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

Wi-Fi R32 **AI Air**



AI DUAL Inverter™ HeatPump

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Advanced AI Control with Lower Energy Consumption
Energy Class for Heating / Cooling A++ / A+++

- DUAL Inverter Heat Pump : 100% performance at -25°C and successfully tested at -35°C
- DUAL Vane : double slats for up to 6% faster heating and 22% longer range.
- AI Air : Smart operation with lower energy consumption. Optimal comfort air flow thanks to sensors that detect where you are.
- Soft Air : Stay comfortably cool with fine-tuning of wind strength and temperature settings.
- Low Heating protects your home from freezing temperatures.
- Easy Installation : Up to 40% faster installation.
- Automatic Energy Saving : Detects open windows and activates Pro-active Energy Saving mode Control.
- KW Manager (Cooling Mode Only) : Automatically sets energy-saving steps based on your metered electricity consumption and time information, ensuring efficient energy use.
- All Cleaning, Plasmaster™ Ionizer++ and Allergy Filter ensures hygienic air.
- Sleep Timer+ analyzes usage patterns for better comfort at night.

Single Combination

SET UNIT				NH09SP.SS1	NH12SP.SS1
Heating	Capacity	Min ~ Rated ~ Max	kW	0.9 ~ 3.2 ~ 5.7	0.9 ~ 4.0 ~ 6.2
		Max (-7 °C)	kW	4.5	5.0
	Power Input	Min ~ Rated ~ Max	W	190 ~ 610 ~ 1,600	190 ~ 830 ~ 2,000
	Running Current	Min ~ Rated ~ Max	A	1.7 ~ 4.8 ~ 9.0	1.7 ~ 6.3 ~ 10
	COP		W/W	5.25	4.82
	SCOP	Average	-	4.6	4.6
	P design H		kW	3.8	3.8
	Energy Label Grade (A+++ to D Scale)	Average	-	A++	A++
	Annual Energy Consumption	Average	kWh	1,156	1,156
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.9 ~ 2.5 ~ 4.0	0.9 ~ 3.5 ~ 4.9
	Power Input	Min ~ Rated ~ Max	W	200 ~ 460 ~ 1,500	200 ~ 770 ~ 1,600
	Running Current	Min ~ Rated ~ Max	A	1.8 ~ 3.8 ~ 8.1	1.8 ~ 6.0 ~ 9.0
	EER		W/W	5.43	4.55
	SEER		-	9.7	9.4
	P design C		kW	2.5	3.5
	Energy Label Grade (A+++ to D Scale)		-	A+++	A+++
	Annual Energy Consumption		kWh	90.2	130.3
INDOOR UNIT				**NH09SP.NS1**	**NH12SP.NS1**
Dimensions (W × H × D)		Net	mm	895 x 307 x 235	895 x 307 x 235
		Shipping	mm	967 x 383 x 296	967 x 383 x 296
Weight		Net	kg	12.3	12.3
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.5 / 10.5 / 14.0 / 16.0	6.5 / 10.5 / 14.0 / 16.0
	Heating	L / M / H / SH	m^3/min	6.5 / 10.5 / 14.0 / 16.5	6.5 / 10.5 / 14.0 / 16.5
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	21 / 30 / 37 / 43 / 47	21 / 30 / 37 / 43 / 47
	Heating	L / M / H / SH	dB(A)	30 / 37 / 43 / 48	30 / 37 / 43 / 48
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.15	1.3
Drain Hose Size		O.D, I.D	mm	21.5 , 16	21.5 , 16
OUTDOOR UNIT				**NH09SP.U24A**	**NH12SP.U24A**
Dimensions (W × H × D)		Net	mm	870 x 650 x 330	870 x 650 x 330
		Shipping	mm	1,026 x 683 x 446	1,026 x 683 x 446
Weight		Net	kg	43.8	43.8
Air Flow Rate		Max	m^3/min	49	49
Sound Pressure Level	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	51	51
Sound Power Level		Rated	dB(A)	65	65
Operation Range	Cooling		°C DB	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-35 ~ 24	-35 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~240, 50	1, 220 ~240, 50
Circuit Breaker			A	25	25
Power Supply Cable			No. × mm^2	3 x 2.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 10 (Including Earth)	4 x 10 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2eq		kg	1.150 / 0.776	1.150 / 0.776
	Chargeless		m	12.5	12.5
	Additional Charge		g/m	15	15
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	7.5	7.5
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DUAL Inverter HeatPump	DUAL Inverter HeatPump
ACCESSORIES & OTHERS					
Multi Compatible				-	-
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1,000
※ Y : Available or Applied / - : Not Available or Not Applied
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

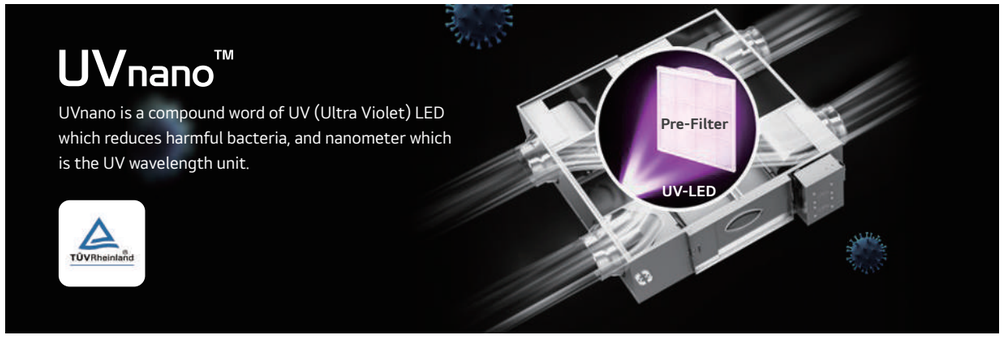
VENTILATION 086

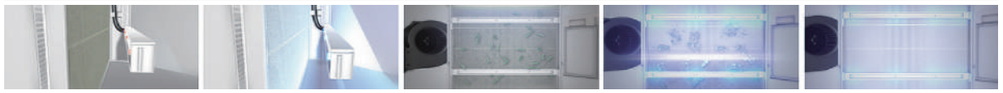




Clean Air Supply

Remove up to 99.99% of harmful particles on Pre-Filter with UVnano



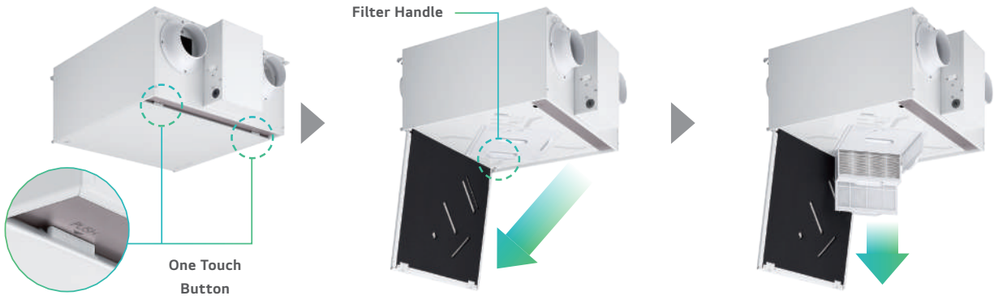


UVnano Technology Applied

It Prevents 99.99 % of Bacteria and Viruses from Growing

Easy Filter Maintenance

Via the one-touch button, the user can open the access door at the bottom of the unit, pull down the heat exchanger to change the filters. It is easy and simple without the need for any additional tools.



After pressing the one-touch button, unhook the safety hooks that holds door from failing to fully open the door.

Hold the filter handle and pull it out down.

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※ Specifications may vary for each model.

Smart Control

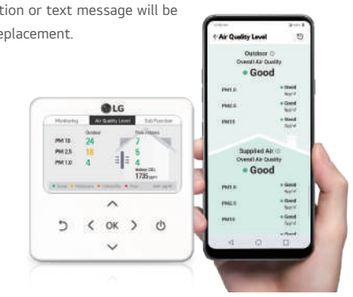
① Dual Laser Fine Dust Sensor

Two advanced fine dust sensors continuously monitor both the incoming and supplied air to ensure a constant flow of clean air into your room. If the dust concentration exceeds the pre-set limit, you'll receive a notification or text message indicating it's time to replace the filter.



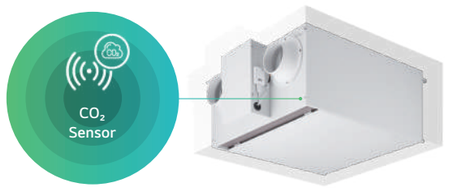
When the measured dust concentration in the air supplied to the room is higher than the pre-set value, a notification or text message will be sent out for filter replacement.

* Wi-Fi Modem is Optional.



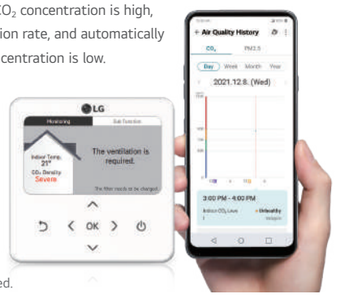
② CO_2 Monitoring

The built-in CO_2 sensor keeps track of the carbon dioxide levels in your room in real time. It automatically adjusts the ventilation rate based on the monitored CO_2 concentration. When CO_2 levels are high, the system increases ventilation to maintain optimal air quality, and reduces it when levels are low.



The system monitors the CO_2 concentration in the room and adjusts the ventilation rate accordingly. When the CO_2 concentration is high, it increases the ventilation rate, and automatically reduces it when the concentration is low.

* Wi-Fi Modem is Optional.



* CO_2 Sensor is Embedded.

③ Control ERV Anytime, Anywhere

Wired Remote Control	Mobile	Third-party Compatibility
		
- Indoor CO_2 concentration - Dust concentration in the supply air - Dust concentration in outdoor air	Check and control the Indoor air condtioner anytime, anywhere	With the dry contact connected, Modbus protocol is available.

* To use 3rd party wall pad, please contact Sales Engineer.

④ Filter Maintenance Alarm

The filter replacement notification and text message are sent when the fine dust concentration is higher than the pre-set point.



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※ Specifications may vary for each model.

LZ-H015GBA6 / LZ-H020GBA6



MODEL				LZ-H015GBA6	LZ-H020GBA6
Dimensions (W x H x D)	Body		mm	640 x 320 x 640	640 x 320 x 640
Weight	Body		kg	23	23
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
ERV Mode	Operating Step			SH / H / L	SH / H / L
	Current	SH / H / L	A	0.43 / 0.38 / 0.23	0.59 / 0.51 / 0.26
	Power Input	SH / H / L	W	56 / 49 / 26	79 / 71 / 30
	Air Flow	SH / H / L	CMH	150 / 150 / 80	200 / 200 / 100
	External Static Pressure	SH / H / L	Pa	100 / 70 / 50	100 / 70 / 50
	Temperature Exchange Efficiency	Heating (SH / H / L) (ErP)	%	85	82
		Heating (SH / H / L) (JIS)	%	80 / 80 / 84	78 / 78 / 82
		Cooling (SH / H / L) (JIS)	%	74 / 74 / 83	70 / 70/ 81
	Enthalpy Exchange Efficiency	Heating (SH / H / L) (JIS)	%	79 / 79 / 83	75 / 75 / 81
		Cooling (SH / H / L) (JIS)	%	74 / 74 / 80	68 / 68 / 76
	Energy Label	A+ to G Scale		A	A
	Sound Power Level	SH / H / L	dB(A)	53 / 51 / 45	55 / 53 / 46
	Sound Pressure Level	SH / H / L	dB(A)	28 / 26 / 21	30 / 28 / 22
Bypass Mode	Current	SH / H / L	A	0.45 / 0.40 / 0.26	0.60 / 0.52 / 0.29
	Power Input	SH / H / L	W	63 / 53 / 31	84 / 73 / 35
	Air Flow	SH / H / L	CMH	150 / 150 / 80	200 / 200 / 100
	External Static Pressure	SH / H / L	Pa	100 / 70 / 50	100 / 70 / 50
Operation Range	Outdoor Air Temperature / Relative Humidity		℃ / %	-10 ~ 40 / 20 ~ 80	-10 ~ 40 / 20 ~ 80
Duct Work	Qty		EA	4	4
	Size (Ø)		mm	125	125
Fan Motor	Supply Air Fan		RPM	1,850 / 1,710 / 1,300	2,050 / 1,910 / 1,400
	Exhaust Air Fan		RPM	1,750 / 1,600 / 1,250	1,910 / 1,770 / 1,320
	Max.		RPM	2,100	2100
	Min.		RPM	1,000	1,000
Filters	Grade[1)]		-	F8	F8
	Size (W x H x D)		mm	278 x 276 x 50	278 x 276 x 50

Note :
1. Temperature and Enthalpy Exchange Efficiency are based on the following conditions. Temperature Exchange Efficiency is tested at heating conditions.
   - Cooling : Indoor Ambient Temp. 26.5°CDB / 64.5%RH, Outdoor Ambient Temp. 34.5°CDB / 75%RH
   - Heating : Indoor Ambient Temp. 20.5°CDB / 59.5%RH, Outdoor Ambient Temp. 5°CDB / 65%RH
2. The operating sound measured at the point 1.5 m below the center of the unit is converted to that measured at an anechoic chamber.
3. The specifications, designs and information here are subject to change without notice.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

LZ-H015GBA6 / LZ-H020GBA6



Accessories

CHASSIS	LZ-H015GBA6	LZ-H020GBA6
CO_2 Sensor	Embedded	
UVnano	Embedded	
Pre Filter (Washable)	Embedded	
Dual Laser Fine Dust Sensor	Embedded	
Remote Controller (PREMTB101 / PREMTBB11)	○	
Wi-Fi Modem (PWFMDD200)	○	

※ ○ : Applied, - : Not applied
Option : Refer to model name in table

Functions

MODEL		LZ-H015GBA6	LZ-H020GBA6
Air Purification	UVnano	○	○
	Pre-Filter	○	○
	Fine Filter (ePM$_1$ 95%)	○	○
Reliability	Self Diagnosis	○	○
Convenience	Auto Restart	○	○
	Child Lock	○	○
	Forced Operation	○	○
	Group Control	○	○
	Turn On / Off Reservation	○	○
	Schedule	○	○
	Night Silent Cooling Operation	○	○
	Delayed Operation	○	○
	Airflow Amount Customized Operation	○	○
	Seasonal Customized Operation	○	○
	Seasonal Auto Operation	○	○
Installation	E.S.P. Control	○	○
ETC	Central Control (LGAP)	○	○
	Filter Alarm	○	○
	CO_2 Sensor	○	○
	Wi-Fi	Accessory	Accessory

Note
1. O : Applied, X : Not applied
   Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
   Accessory line-ups varies by region, so check your local catalogue or local sales material.
2. Some functions can be limited by remote controller.

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MULTI SPLIT 092

R32 MULTI SPLIT
R410A MULTI SPLIT



○ Single Split Only ○● Compatible ● Multi Split Only ◎ Compatible with Single CAC

MODEL			kBtu/h	5	7	9	12	15	18	24	30
			kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0	8.8
Wall Mounted	LG ARTCOOL™	Gallery Premium				○● A09GA2N.EEU	○● A12GA2N.EEU				
		Gallery Special				○● A09GA1.NSE	○● A12GA1.NSE				
		AI Air Mirror				○● AA09SP.NS1	○● AA12SP.NS1		○● AA18SP.NS1		
		Mirror	UVnano™		● AM07BK.NSJ	○● AC09BK.NSJC	○● AC12BK.NSJC		○● AC18BK.NSKC	○● AC24BK.NSKC	
	LG DUALCOOL™	AI Air Premium				○● H09S1PA.NS1	○● H12S1PA.NS1				
		AI Air Deluxe			● DM07S0DA.NS0	○● H09S1DA.NS1	○● H12S1DA.NS1		○● H18S1DA.NS1	○● H24S1DA.NS1	
		AI Air Special		● PM05SND.NS0	● PM07SND.NS0	○● P09SND.NS0	○● P12SND.NS0	● PM15SND.NS1			
		Special P		● PM05SK.NSA	● PM07SK.NSA	○● PZ09EYN.CSJ1	○● PZ12EYN.CSJ1	● PM15SK.NSJ	○● PZ18EYN.CSK1	○● PZ24EYN.CSK1	
		Special MJ		● MJ05PC.NSJ0	● MJ07PC.NSJ0	○◎ MJ09PC.NSJ0	○◎ MJ12PC.NSJ0	● MJ15PC.NSJ0	○◎ MJ18PC.NSK0	○◎ MJ24PC.NSK0	
		Special E			● MS07ET.NSA	○● EZ09CYN.CSJ1	○● EZ12CYN.CSJ1		○● EZ18CYN.CSK1	○● EZ24CYN.CSK1	
		Special E (W Look)			● MS07EZ.NSJ	○● EZ09CSN.CSJ1	○● EZ12CSN.CSJ1		○● EZ18CSN.CSK1	○● EZ24CSN.CSK1	
Ceiling Mounted Cassette		1 Way Cassette				● MT09R.NU1	● MT11R.NU1				
		4 Way Cassette		● MT06R.NR0	● MT08R.NR0	○◎ CT09F.NR0	○◎ CT12F.NR0		○◎ CT18F.NQ0	○◎ CT24F.NB0	
		Mid Static Pressure (Slim Type)							○◎ CM18F.NA0*	○◎ CM24F.NA0*	○◎ UM30F.NA0*
		Low Static Pressure				○◎ CL09F.N50	○◎ CL12F.N50		○◎ CL18F.N60		
										○◎ CL24F.N30	
Console		R32				○◎ UQ09F.NA0	○◎ UQ12F.NA0		○◎ UQ18F.NA0		

* To be obsolete from 26.4Q

※ Refer to multi split line up for 5, 7, 15 kBtu indoor unit connection.

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※ Specifications may vary by each model or IDU / ODU combination.

kBtu/h	14	16	18	21	24	26	30	36
kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8	10.6
Multi (R32)	MU2R15.U18A0 2-port	MU2R17.U18A0 2-port	MU3R19.U24A0 3-port	MU3R21.U24A0 3-port	MU4R25.U24A0 4-port	MU4R27.U24A0 4-port	MU5R30.U36A0 5-port	MU5R36.U36A0 5-port

※ All indoor units are compatible with R410A outdoor units.

kBtu/h	40	48	56
kW	11.7	14.1	16.4
Multi (R410A) Distribution Box	FM40AH.U34 / FM41AH.U34 7-IDU	FM48AH.U34 / FM49AH.U34 8-IDU	FM56AH.U34 / FM57AH.U34 9-IDU

Combination & Flexibility

Refrigerant	Connectable Indoor Units	Wall Mounted																																			
		ARTCOOL Gallery				ARTCOOL AI AIR			ARTCOOL					DUALCOOL AI AIR										DUALCOOL													
		Premium		Special		Mirror			Mirror					Premium		Deluxe				Special				Special P													
		9	12	9	12	9	12	18	7	9	12	18	24	9	12	7	9	12	18	24	5*	7*	9	12	15	5	7	9	12	15	18	24					
R32	MU2R15.U18A0	●	●	●	●	●	●		●	●	●			●	●	●	●	●			●	●	●	●		●	●	●	●								
	MU2R17.U18A0	●	●	●	●	●	●		●	●	●			●	●	●	●	●			●	●	●	●	●	●	●	●	●	●							
	MU3R19.U24A0	●	●	●	●	●	●		●	●	●	●		●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●							
	MU3R21.U24A0	●	●	●	●	●	●		●	●	●	●		●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●							
	MU4R25.U24A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	MU4R27.U24A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	MU5R30.U36A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	MU5R36.U36A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
R410A	FM40AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	FM41AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	FM48AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	FM49AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	FM56AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					
	FM57AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					

Refrigerant	Connectable Indoor Units	Wall Mounted																						Ceiling Mounted Cassette		Ceiling Concealed Duct								Console		
		DUALCOOL																						1 Way Cassette	4 Way Cassette											
		Special MJ							Special E						Special E (W Look)											Mid Static Pressure		Low Static Pressure								
		5	7	9	12	15	18	24	7	9	12	18	24	7	9	12	18	24	9	12	18	24	9	12	5	7	9	12	18	24	30	9	12	18	24	9	12	18
R32	MU2R15.U18A0	●	●	●	●				●	●	●			●	●	●					●	●			●	●	●	●	●							●	●			
	MU2R17.U18A0	●	●	●	●	●			●	●	●			●	●	●					●	●			●	●	●	●	●							●	●			
	MU3R19.U24A0	●	●	●	●	●	●		●	●	●	●		●	●	●	●				●	●			●	●	●	●	●	●		●				●	●	●		
	MU3R21.U24A0	●	●	●	●	●	●		●	●	●	●		●	●	●	●				●	●			●	●	●	●	●	●		●				●	●	●		
	MU4R25.U24A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	MU4R27.U24A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	MU5R30.U36A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	MU5R36.U36A0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
R410A	FM40AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM41AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM48AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM49AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM56AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	FM57AH.U34	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

REFRIGERANT		R32					R32			R410A		
TYPE		MULTI PIPING					MULTI PIPING			DB BOX TYPE		
kBtu/h		14	16	18	21	24	26	30	36	40	48	56
kW		4.1	4.7	5.3	6.2	7.0	7.9	8.8	10.6	11.7	14.1	16.4
Energy Efficiency	BLDC Comp & Fan Motor	●	●	●	●	●	●	●	●	●	●	●
	Eurovent Certification	●	●	●	●	●	●	●	●	●	●	●
	NFPAC Certification			●	●			●	●			
	Variable Voltage Control	●	●	●	●	●	●	●	●	●	●	●
	Wide Louver Plus Fin	●	●	●	●	●	●	●	●	●	●	●
	Optimized Heat Exchanger Path	●	●	●	●	●	●	●	●	●	●	●
	Power Saving Start up	●	●	●	●	●	●	●	●	●	●	●
	Peak Current Control	●	●	●	●	●	●	●	●	●	●	●
	Mode Lock	●	●	●	●	●	●	●	●	●	●	●
Extreme Durability	R1 Compressor								●	●	●	●
	Twin Rotary Compressor	●	●	●	●	●	●	●				
	Smart Sensor Pressure Control					●	●	●	●	●	●	●
	Black Fin Heat Exchanger	●	●	●	●	●	●	●	●	●	●	●
Comfort & Convenience	Fast Cooling & Heating					●	●	●	●	●	●	●
	Night Silent Operation	●	●	●	●	●	●	●	●	●	●	●
	Wiring Error Check	●	●	●	●	●	●	●	●	●	●	●
	LGMV	●	●	●	●	●	●	●	●	●	●	●
	PI-485 Connection			●	●	●	●	●	●	●	●	●
	Forced Cooling Operation	●	●	●	●	●	●	●	●	●	●	●

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

PERFECT SOLUTION
FOR MULTIPLE ROOMS



Energy Efficiency | Extreme Durability | Comfort and Convenience

LG's Multi Split system provides powerful, efficient cooling and heating with **up to nine indoor units** operating from a single outdoor unit.
LG's advanced inverter technology offers powerful performance while consuming less energy, occupying less space and making less noise compared to individual (two or more) single split systems.

A variety of sleek and elegant indoor units are available in a full range of capacities fitting any decor and room size.

With easy installation, there is a lower chance of technical defects, while various convenient functions for easy maintenance are proposed.



Enjoy A New Level Of Fresh Air

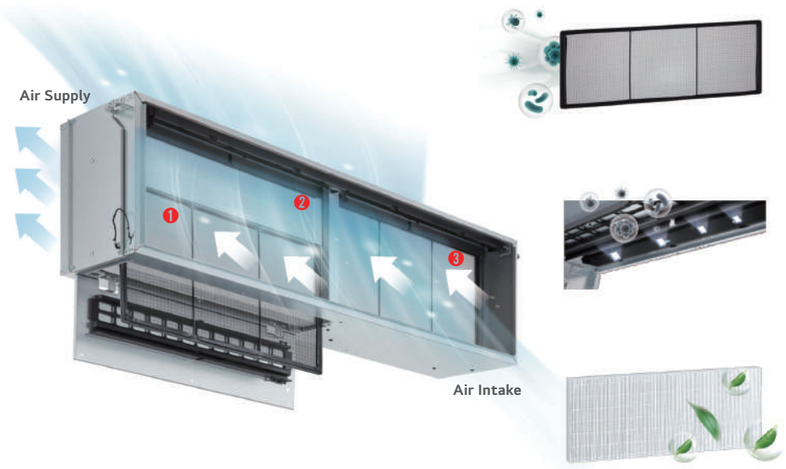
UVnano™ Filter Box



LG UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as Ultrafine dust, bacteria and viruses in the form of droplets.



Air Purification Operation



Step 1

Pre-Filter
- Traps large particles
  - Fine dust
  - Bacteria
  - Viruses in the form of droplets

Step 2

UVnano
- Sterilizes bacteria and viruses parasitized on bacteria up to 99.99%[1] by irradiating ultraviolet rays

Step 3

ePM$_1$ 65% Filter
- Traps particles as small as 0.3μm in size[2]

1) Based on TÜV Rheinland test conducted according to LG test method in compliance with ISO 20743, removing 99.99 of percent of Staphylococcus aureus, Staphylococcus epidermidis, and Klebsiella pneumoniae after being exposed to UV LED lights for 4 hours (Tested Models : PBM13M3UA0, PBM13M2UA0, PBM13M1UA0)
2) Based on KCL (Korea Conformity Laboratories). The test was conducted in compliance with ISO 16890

Certificate



Certified Test Report

The built-in UV LED module of the tested model (PBM13M3UA0) demonstrated over 99.99% disinfection performance on bacteria at measuring points of the Pre-Filter under the proposed test conditions.

** Tested by TUV Rheinland Standard



Certified Test Report

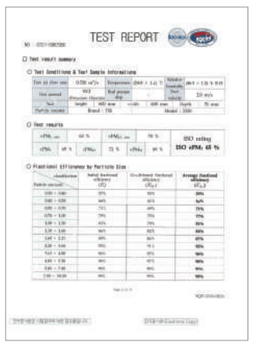
The built-in UV LED module of the tested model (PBM13M3UA0) demonstrated 99.99% disinfection performance on virus (Phi X 174) at measuring points of the Pre-Filter under the proposed test conditions.

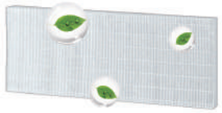
** Tested by TUV Rheinland Standard

ePM$_1$ 65% Filter

ePM$_1$ 65% Filtering capability rating in accordance with ISO 16890

Certified Test Report





KCL 한국건설생활환경시험연구원 Korea Conformity Laboratories

ISO 16890

Comparison of Filter Classes

EN 779	ISO 16890 (Average Efficiency)				ASHRAE 52.2
Filter Class	ePM$_1$	ePM$_{2.5}$	ePM$_{10}$	Coarse	Filter Rating
G1	-	-	-	-	MERV 1~4
G2	-	-	-	30% ~ 50%	MERV 1~4
G3	-	-	-	45% ~ 65%	MERV 5
G4	-	-	-	60% ~ 85%	MERV 6~8
M5	5% ~ 35%	10% ~ 45%	40% ~ 70%	80% ~ 95%	MERV 8~10
M6	10% ~ 40%	20% ~ 50%	45% ~ 80%	> 90%	MERV 9~13
F7	40% ~ 65%	50% ~ 75%	80% ~ 90%	> 95%	MERV 13~14
F8	65% ~ 90%	75% ~ 95%	90% ~ 100%	> 95%	MERV 14~15
F9	80% ~ 90%	85% ~ 95%	90% ~ 100%	> 95%	MERV 16

** Tested by KCL (Korea Conformity Laboratories)
※ ISO 16890 Standard provides lab evaluation procedures which more realistically simulate actual operating conditions, replacing EN 779 Standard's filter classes G1-F9 by a classification system based on particulate groups PM1, PM2.5 and PM10.
※ Unlike EN 779 Standard which specifies Filter Classes, ISO 16890 Standard classifies according to Filter Groups, evaluating a filter's performance by its arrestance of particles from 0.3μm to 10μm in size. Filter Group PM1 comprises particulate sizes ≤ 1.0μm, PM2.5 includes particulates sizes ≤ 2.5μm and PM10 covers particulate sizes ≤ 10μm.
※ Minimum efficiency is defined as the efficiency achieved following electrostatic discharge of the filter before testing.
※ Average efficiency is calculated by averaging the filter's efficiencies in the untreated state (before electrostatic discharge) and in the discharged state.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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ENERGY EFFICIENCY A+++ / A+

Products with the highest energy efficiency.
Maximize energy savings to reduce electricity bill burden.

SEER / SCOP class (ErP regulation)

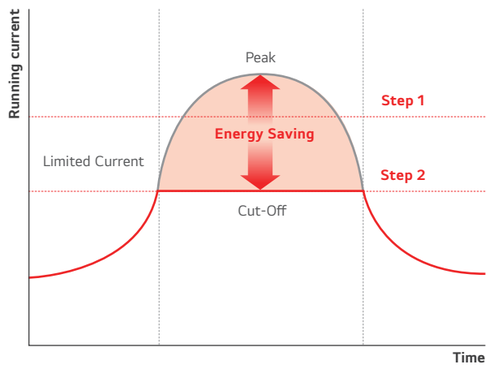
Nominal Capacity	kBtu/h	14	16	18	21	24	26	30	36
	kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8	10.6
Efficiency (Wh / Wh)	SEER	8.60	8.50	8.70	8.50	8.00	7.70	8.50	8.00
		A+++	A+++	A+++	A+++	A++	A++	A+++	A++
	SCOP	4.60	4.60	4.60	4.60	4.40	4.40	4.60	4.60
		A++	A++	A++	A++	A+	A+	A++	A++

- Peak Current Control
- Enhanced Heat Exchange
- Mode Lock
- R1 Compressor
- Revolutionary Scroll Compressor



Peak Current Control

Through the peak current control technology, it is possible to save energy and operation costs. A user can choose either cooling-only or heating-only operation by setting the dip switch.



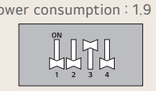
※ When using Peak Current Control, the cooling capacity may not be sufficient.

- By limiting the running current to the maximum, the air conditioner can avoid running on the peak current level.
- This function can reduce energy costs during peak periods when electricity is more expensive.

How to set dip switch

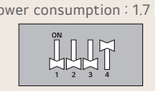
❶ Max power consumption : 2.5 kW

❷ Max power consumption : 1.9 kW
Step 1



24% SAVE

❸ Max power consumption : 1.7 kW
Step 2



32% SAVE

- 7.0kW model
- LG Internal test result

※ Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB,
Outdoor Ambient Temp. 35°CDB / 24°CWB

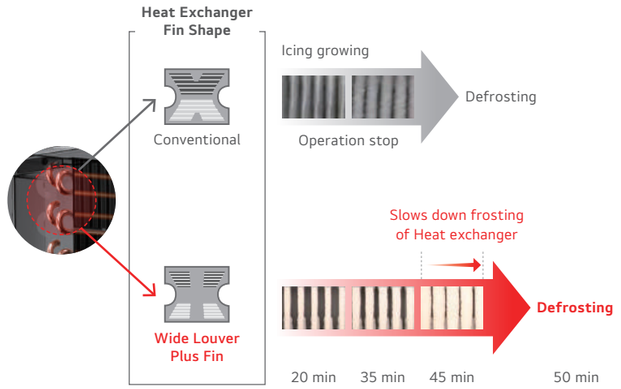
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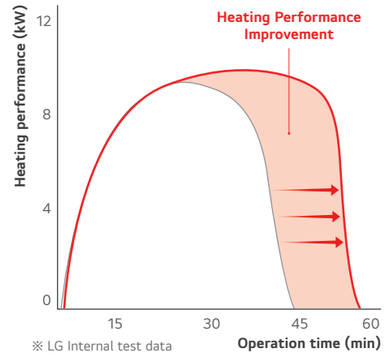
Enhanced Heat Exchange

Wide Louver Plus Fin technology contributes to 11% increase in full load heating performance and 6% increase in COP compared to a conventional fin. It can slow down the frosting of a heat exchanger and postpone the start of a defrosting operation.

Heating Operation at Defrost Condition

It can slow down frosting of heat exchanger and postpone the start of defrosting operation.





Mode Lock

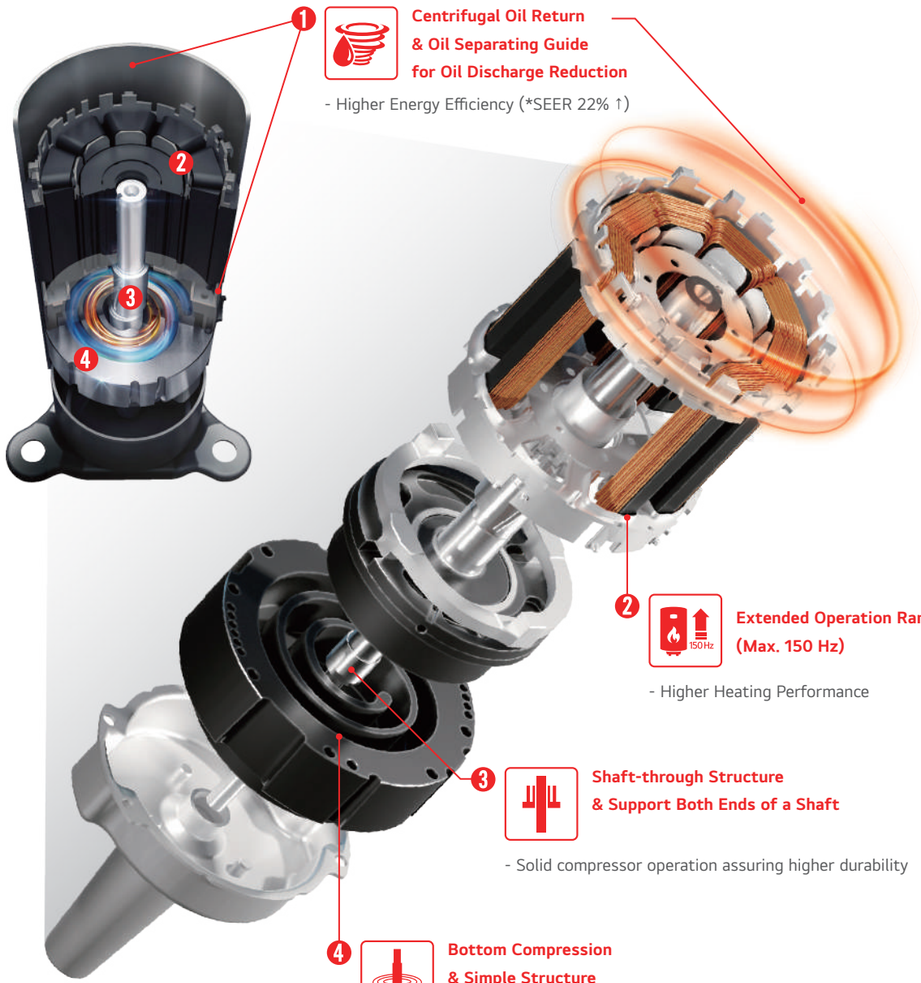
The air conditioning system can be locked to operate in cooling only or heating only mode by a wired remote controller or adjusting dip switch*.



* Dip switch setting has the priority

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R1 Compressor™



1 Centrifugal Oil Return & Oil Separating Guide for Oil Discharge Reduction

- Higher Energy Efficiency (*SEER 22% ↑)

2 Extended Operation Range (Max. 150 Hz)

- Higher Heating Performance

3 Shaft-through Structure & Support Both Ends of a Shaft

- Solid compressor operation assuring higher durability

4 Bottom Compression & Simple Structure

- Lower Noise & Vibration (**Max. 4 dB(A) ↓)
- Less Weight (**20% ↓)
- Superior Reliability

* LG Internal test result, Based on single split 10 kW Cassette
** LG Internal test result, Based on conventional compressor (Rotary type GPT442M)
※ R1 Compressor application ※ Model : 40-56 k (7 models)

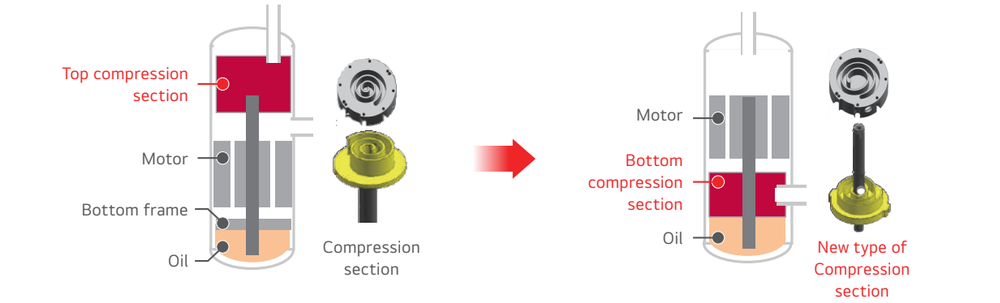
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Revolutionary Scroll Compressor

Revolutionary Scroll Compressor serves for higher efficiency and reliability. This type of compressor is more advanced compared to the conventional one. The tilting motion of scroll has been improved in particular, as well as the operation range.

- Scroll compressor with simple structure
- High efficiency (low load at low speed / total efficiency)
- Low noise (high speed possible)
- Improved tilting motion of scroll
- 20% weight reduction (vs. conventional compressor)

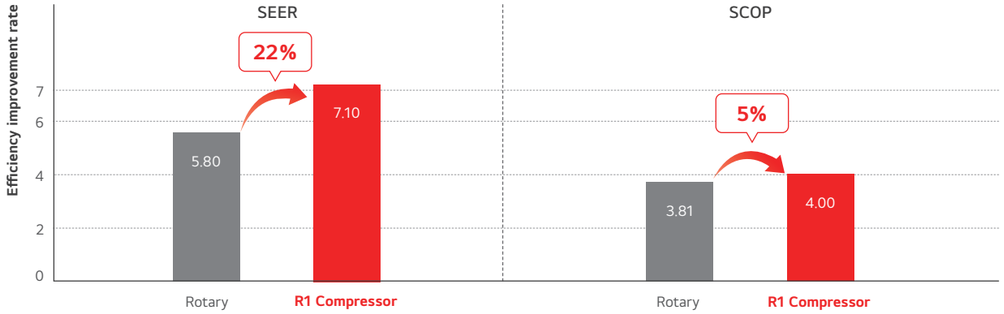
※ Applied Model : 40 ~ 56 k (7 models)



Seasonal Energy Efficiency

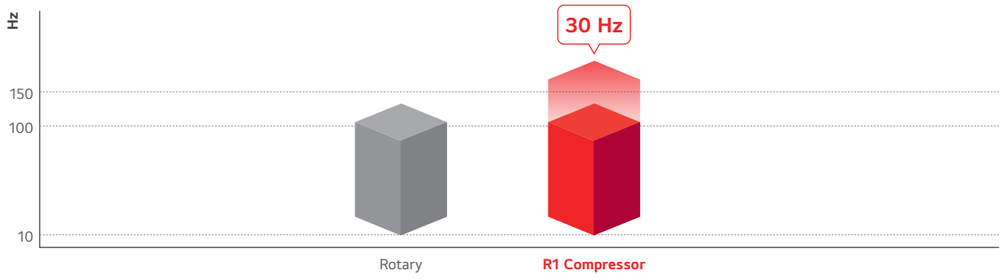
SEER 22%, SCOP 5% improvement (vs. rotary)

※ Multi 40 k



Wide Operation Range

- Optimized for operation with varios cooling & heat load
- The world's best compressor speed (up to 150 Hz)
- Low load operation optimized (down to 10 Hz) : efficiency increased, comfort improved



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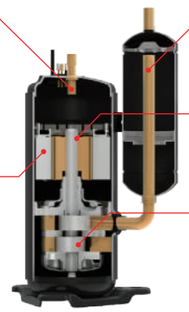
Improved BLDC Dual Inverter Compressor

Parts of Dual Inverter Compressor have been improved to assure a longer lifespan of the product.

Flow Optimization
Oil inflow is increased by a longer oil discharge pipe, which keeps enough oil inside the compressor to prevent compressor abrasion.

Concentrated Winding Motor
Oil path area is improved by over 50% by increasing the extra stator cavity. Due to this, caloric value of motor is reduced, improving the cooling function of stator coil.





Dual Inverter Compressor

Suction Optimization
Reduced suction loss and improved oil collection through the optimization of suction path.

Surface Coating
Surface coating of outstanding abrasion resistance property on vane and crank shaft.



Twin Rotary Rotor
Upper and lower part rotor offset imbalance in shaft rotor rotation. Vibration and noise are reduced. Max torque load decreased by 45% compared to single rotor.

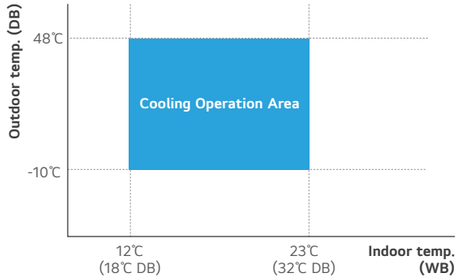


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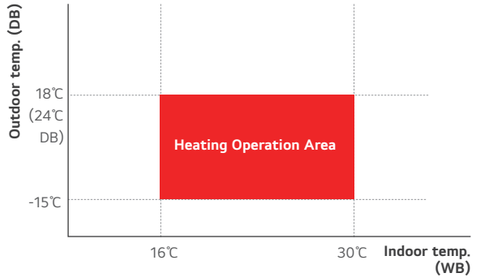
Wide Operation Range

Thanks to the wide operation range, models using R32 refrigerant are suitable for cooling in summer & heating in winter season.

Cooling Mode



Heating Mode



Corrosion Resistance Black Fin

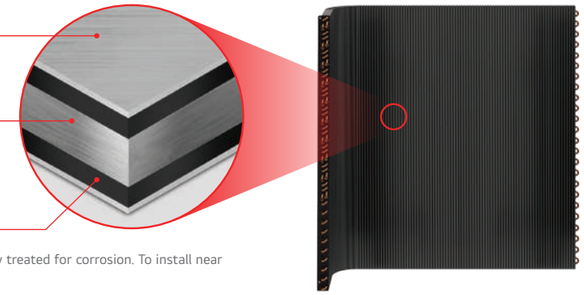
The black coating with enhanced epoxy resin serves to protect the product from various external corrosive conditions such as salt contamination and air pollution including fumes from factories.

Longer Lifespan, Lower Maintenance Costs

Hydrophilic Film (Water Flow)
The Hydrophilic coating minimizes moisture buildup on the fin.

Complex Resin (Corrosion Resistant)
The Black coating provides strong protection from corrosion.

Aluminum Fin



※ In certain cases, the product might not be fully treated for corrosion. To install near the sea, additional protection is required.

Verified Protection


Verification of Corrosion Resistance Performance Testing


Verification Corrosion Resistance Performance Testing

TÜVRheinland

※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (10,000 hours)

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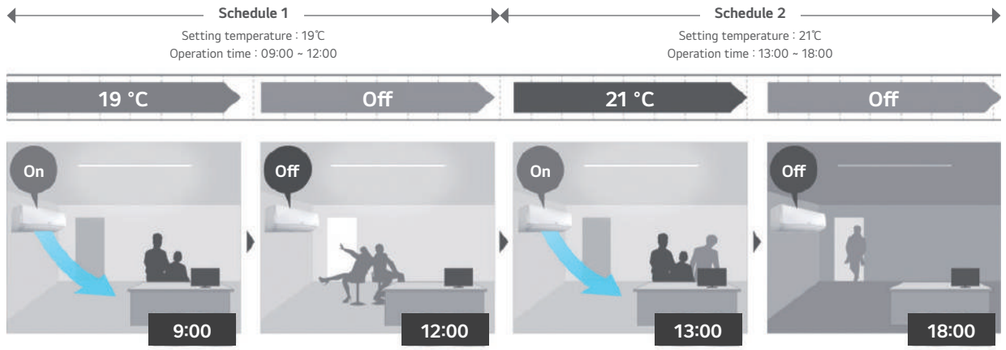
COMFORT & CONVENIENCE

The advanced technologies of LG make a user feel comfort and convenience by several unique functions.



Scheduled Operation

You can set up to 30 schedules for one day or a week.



※ These functions need to connect to the wired remote controller.



Premium
- 5 schedules per day
- Up to 35 schedules for per week



Standard III
- Up to 30 schedules per one day or week



Standard II
- 2 schedules per day
- Up to 14 schedules for per week

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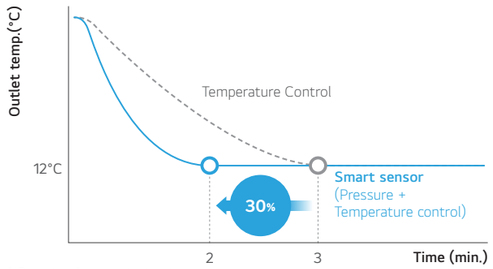
Quick Cooling & Heating by Smart Sensor System

Through the Smart Sensor System (pressure & temperature control), a user can save time to reach the desired temperature and experience the quick and reliable operation with the LG Multi Split.

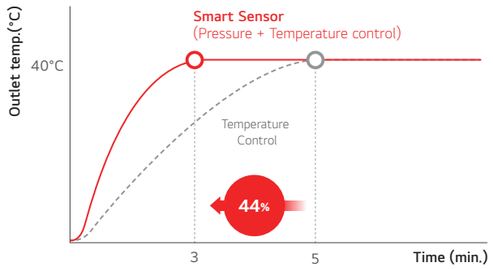
Performance of Smart Sensor System

Smart Sensor System takes less time to reach the desired temperature : up to 30% in cooling and 44% in heating with high level of accuracy and stability.

Cooling Mode



Heating Mode



* Based on internal test data

Why Smart Sensor System ?

Only Temperature



Temperature Sensor Only

Step 1 — Sensing

Step 2 — Estimating Pressure

It takes more time / Lack of reliability

Smart Sensor System



Temperature Sensor + Pressure Sensor

Step 1 — Sensing and Ready for Operation

Quick and reliable operation

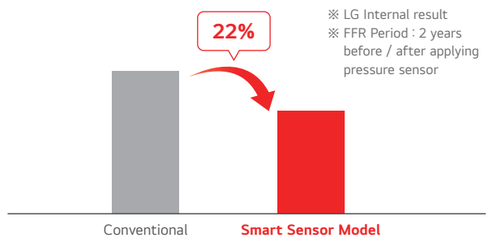
- Quick response due to sensing.
- Ensures to reach target performance point without failing to keep a reliable operation.

The Configuration of Smart Sensors



While every brand has temperature sensors, LG boasts a unique smart sensor system, with several temperature sensors and a pressure sensor in order to directly measure refrigerant pressure precisely.

Field Failure Rate of Outdoor Unit



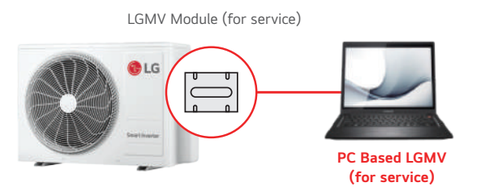
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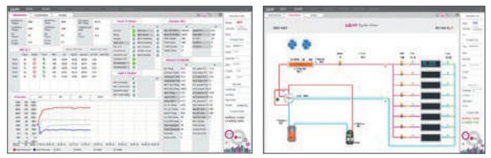
Mobile LGMV (Monitoring View)

LGMV simplifies the inspection (diagnosis) and monitoring of air conditioning units for engineers, allowing easy access through your smartphone or PC.

※ Specifications may vary for each model.

PC Version





Operation Information | Cycle View

IDU & ODU Information

Cycle & Valves

Sensors & Electricity

Cycle Diagram

Actuator Information

Smartphone Version





Monitoring Data | Diagnosis | Commissioning | Troubleshooting Guide

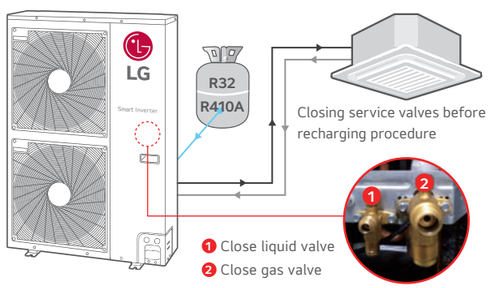
Technicians can not only review cycle information through diagrams and graphs but can also easily check error statuses (troubleshooting guide) and take immediate action.

※ For Android or iOS Users : Search for "Mobile LGMV" on Google Play or the Apple Store and proceed with the download.
※ Additional Requirement : A Wi-Fi modem (PWFMDD200) is required as an optional accessory.

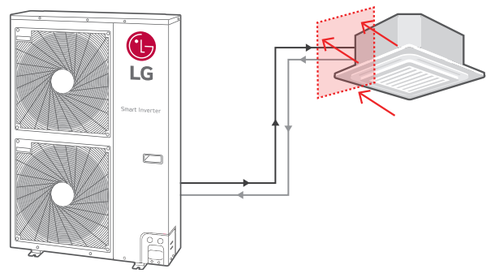
Pump Down (Forced Cooling Operation)

The Pump Down (forced cooling operation) allows refrigerant to be recharged or pumped down regardless of the indoor and outdoor temperature. This function is very useful when indoor units are being relocated or repaired during winter.

Recharging



Pump Down



Possible to pump down refrigerant forcibly during winter when indoor or outdoor condition may not meet operation range.

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Easy Troubleshooting

The operation status is recorded until a malfunction occurs.
A service engineer can analyze the malfunction cause more easily during maintenance.

Conventional

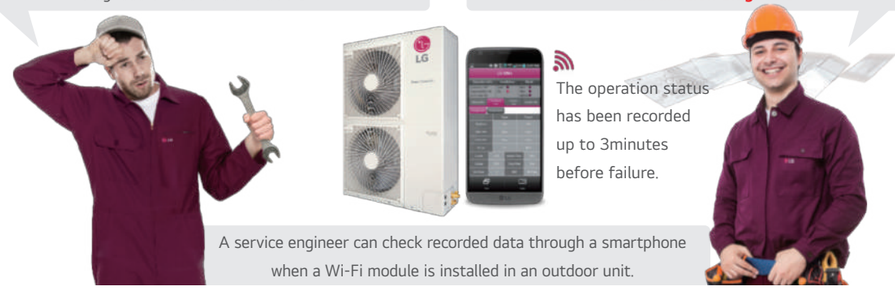
A service engineer has to look for many causes of failure one by one.

Too much effort is required to diagnose the source of trouble

Multi Split (LG Only)

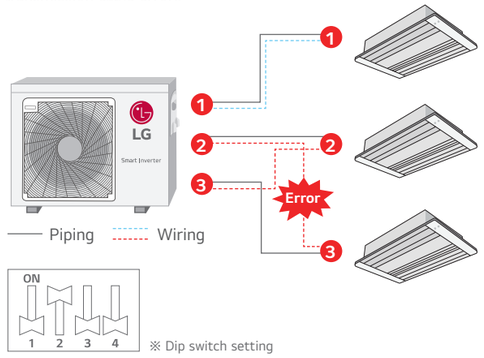
A service engineer can diagnose malfunction causes using recorded data.

Save time & improve accuracy of malfunction diagnosis



Wiring Error Check

During trouble shooting after installation, installers can check whether the transmission cable has been connected correctly by using the wiring error check function. It can be shown at outdoor PCB. This wiring error check function can reduce the time taken to check for transmission cable errors.

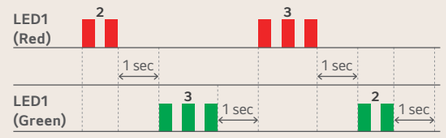


※ Dip switch setting

LED Result

- If the wiring is correct, the Green LED will light up.
- If the wiring is wrong, display is as below.
  - Red LED : Piping Number
  - Green LED : Wiring Number (Room)

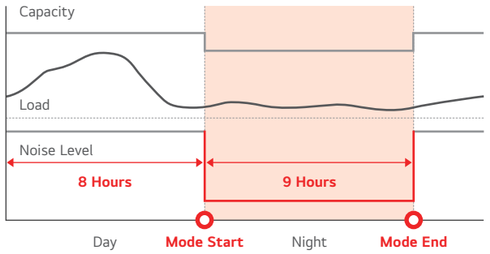
Ex) If the Red LED blinks twice and the Green LED blinks 3 times, 2nd wire is connected to the 3rd indoor unit.

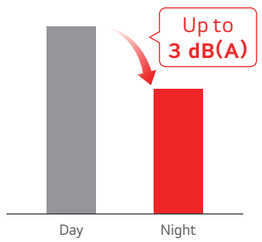


Silent Operation

Silent Operation can reduce noise levels by simply setting the dip switch on the PCB of the outdoor unit.

Cooling Mode





※ This function is only available for Cooling mode.
※ If you want to stop the Night Quiet mode, change the Dip Switch.

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R32 MULTI SPLIT



R32



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

OUTDOOR UNITS				MU2R15.U18A0	MU2R17.U18A0
Compressor	Type			Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	0.9 / 4.1 / 4.7	0.9 / 4.7 / 5.4
	Heating	Min. / Nom. / Max.	kW	1.0 / 4.7 / 5.4	1.0 / 5.4 / 5.5
Low Temperature Capacity	Heating -7°C	Max.	kW	3.7	3.7
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.5	0.2 / 1.2 / 1.8
	Heating	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.6	0.2 / 1.2 / 1.8
Running Current	Cooling	Min. / Nom. / Max.	A	1.0 / 4.3 / 6.5	1.0 / 5.3 / 8.0
	Heating	Min. / Nom. / Max.	A	1.1 / 4.3 / 7.1	1.1 / 5.3 / 8.0
EER				4.2	3.9
COP				4.8	4.5
SEER				8.60	8.50
SCOP				4.61	4.61
Pdesign (@-10°C)			kW	3.7	3.7
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++
Annual Energy Consumption	Cooling / Heating			167 / 1,124	193 / 1,124
Airflow Rate		Nom.	m^3/min	35	35
Sound Pressure*	Cooling	Nom.	dB(A)	45.0	46.0
	Heating	Nom.	dB(A)	48.0	49.0
Sound Power	Cooling	Max.	dB(A)	59.0	60.0
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288
Net Weight			kg	33.9	33.9
Refrigerant	Type			R32	R32
	Charge		kg	0.95	0.95
	Additional Charging Amount (Branch)		g/m	20	20
	Chargeless Pipe Length (Branch)		m	20	20
	GWP			675	675
	t-CO_2 eq			0.641	0.641
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75
Circuit Breaker			A	13	13
Piping Length Total			m	30	30
Piping Length per Branch		Max.	m	20	20
Piping Elevation Difference	IDU - ODU	Max.	m	15	15
	IDU - IDU	Max.	m	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 2
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2

* Sound Pressure is not a value declared on Eurovent Program.
Notes :
1. Capacities are based on the following conditions :
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases. (R32)
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R32



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

OUTDOOR UNITS				MU3R19.U24A0	MU3R21.U24A0	MU4R25.U24A0
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.1 / 5.3 / 6.3	1.1 / 6.2 / 7.3	1.1 / 7.0 / 8.5
	Heating	Min. / Nom. / Max.	kW	1.2 / 6.3 / 7.3	1.2 / 7.0 / 7.8	1.2 / 8.1 / 9.1
Low Temperature Capacity	Heating -7°C	Max.	kW	5.2	5.5	6.0
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.3 / 1.2 / 1.8	0.3 / 1.5 / 2.4	0.3 / 1.9 / 3.4
	Heating	Min. / Nom. / Max.	kW	0.3 / 1.3 / 2.0	0.3 / 1.6 / 2.5	0.3 / 1.9 / 3.4
Running Current	Cooling	Min. / Nom. / Max.	A	1.3 / 5.1 / 8.1	1.3 / 6.5 / 10.6	1.3 / 8.2 / 15.3
	Heating	Min. / Nom. / Max.	A	1.2 / 5.9 / 9.0	1.2 / 6.9 / 11.3	1.3 / 8.6 / 14.9
EER				4.6	4.2	3.8
COP				4.8	4.5	4.2
SEER				8.75	8.50	8.00
SCOP				4.65	4.65	4.40
Pdesign (@-10°C)			kW	5.0	5.0	6.0
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++	A++ / A+
Annual Energy Consumption	Cooling / Heating			211 / 1,506	253 / 1,506	308 / 1,909
Airflow Rate		Nom.	m^3/min	50.0	50.0	60.0
Sound Pressure*	Cooling	Nom.	dB(A)	47.0	48.0	49.0
	Heating	Nom.	dB(A)	50.0	51.0	51.0
Sound Power	Cooling	Max.	dB(A)	60.0	61.0	62.0
Dimensions	W x H x D		mm	870 x 650 x 330	870 x 650 x 330	870 x 650 x 330
Net Weight			kg	41.8	41.8	44.6
Refrigerant	Type			R32	R32	R32
	Charge		kg	1.35	1.35	1.75
	Additional Charging Amount (Branch)		g/m	20	20	20
	Chargeless Pipe Length (Branch)		m	30	30	45
	GWP			675	675	675
	t-CO_2 eq			0.911	0.911	1.181
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	16	16	20
Piping Length Total			m	50	50	70
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 4
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 4

* Sound Pressure is not a value declared on Eurovent Program.
Notes :
1. Capacities are based on the following conditions :
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases. (R32)
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R32



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Check ongoing validity of certification : www.eurovent-certification.com

OUTDOOR UNITS				MU4R27.U24A0	MU5R30.U36A0	MU5R36.U36A0
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.1 / 7.9 / 9.0	1.3 / 8.8 / 10.6	1.3 / 10.6 / 12.1
	Heating	Min. / Nom. / Max.	kW	1.2 / 8.6 / 10.0	1.5 / 10.1 / 12.1	1.5 / 11.4 / 12.5
Low Temperature Capacity	Heating -7°C	Max.	kW	6.0	7.2	7.2
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.3 / 2.3 / 3.4	0.4 / 2.1 / 4.3	0.4 / 3.2 / 4.3
	Heating	Min. / Nom. / Max.	kW	0.3 / 2.2 / 3.6	0.6 / 2.2 / 4.0	0.6 / 2.7 / 4.3
Running Current	Cooling	Min. / Nom. / Max.	A	1.3 / 10.3 / 15.3	1.9 / 9.3 / 17.9	1.9 / 14.2 / 19.0
	Heating	Min. / Nom. / Max.	A	1.4 / 9.8 / 15.8	2.7 / 9.5 / 17.8	2.7 / 12.1 / 19.0
EER				3.4	4.2	3.3
COP				3.9	4.7	4.2
SEER				7.70	8.50	8.00
SCOP				4.40	4.61	4.61
Pdesign (@-10°C)			kW	6.0	7.2	7.2
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+	A+++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating			360 / 1,909	362 / 2,187	462 / 2,187
Airflow Rate		Nom.	m^3/min	60.0	70.0	70.0
Sound Pressure*	Cooling	Nom.	dB(A)	49.0	49.0	50.0
	Heating	Nom.	dB(A)	52.0	52.0	53.0
Sound Power	Cooling	Max.	dB(A)	63.0	64.0	64.0
Dimensions	W x H x D		mm	870 x 650 x 330	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	44.6	61.5	61.5
Refrigerant	Type			R32	R32	R32
	Charge		kg	1.8	2.5	2.5
	Additional Charging Amount (Branch)		g/m	20	20	20
	Chargeless Pipe Length (Branch)		m	45	45	45
	GWP			675	675	675
	t-CO_2 eq			1.181	1.688	1.688
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	25	25
Piping Length Total			m	70	75	85
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 4	Ø6.35 (1/4) x 5	Ø6.35 (1/4) x 5
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 4	Ø9.52 (3/8) x 5	Ø9.52 (3/8) x 5

* Sound Pressure is not a value declared on Eurovent Program.
Notes :
1. Capacities are based on the following conditions :
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
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AI-powered cooling & heating, perfectly tuned

LG ARTCOOL™ AI & LG DUALCOOL™ AI

MIRROR / PREMIUM / DELUXE / SPECIAL



Why LG ARTCOOL™ AI & LG DUALCOOL™ AI

AI Comfort Control

AI Air

Revolutionize your comfort with intelligent adaptability. AI Air continuously optimizes airflow using radar sensors to track your location and the ThinQ app to understand your preferences.

Proactive Energy Saving

Effortless Savings, Seamless Living

Experience smarter energy management with LG's advanced technologies that effortlessly blend efficiency and comfort. Stay in control of your energy usage with intuitive features that optimize performance without sacrificing comfort.

Hygienic Air Care

Clean Air out, Fresh Breath in

A multi-step filtration process with Freeze Cleaning that purifies the air, removing dust and even bacteria, making sure the air you breathe is always fresh.

※ Specifications may vary for each model.

Key Feature

AI Air (by AI-powered Control)

AI Comfort Control

Smarter Cooling & Heating with AI Analysis of Space, Location of People

ThinQ analyzes not only the customer's air conditioning usage patterns but also periodically analyzes indoor environmental information to automatically set the operating mode of the product and provide customized cooling / heating.



Usage Pattern
Indoor / Outdoor Environment

Send operating info.

Judgment cooling / heating load preferred temperature

ThinQ™

Data Analysis
Deep Learning

Benefit

Stay Comfortable Wherever You Are

Enjoy personalized comfort, no matter where you are in the room. Advanced radar sensors detect your location, delivering the perfect breeze for your needs—direct cooling when you're hot and gentle, indirect cooling when you've cooled down.

No Matter Where You Are, Comfort Follows You

With AI Air, comfort is always within reach. Advanced AI-driven space analysis ensures your environment is perfectly adjusted to your needs.

Cooling Soft Air

Say goodbye to temperature extremes. The system eliminates the discomfort of being too cold when it's on or too hot when it's off. Whether you're lounging in bed or relaxing elsewhere, the radar sensor detects your location and adapts.

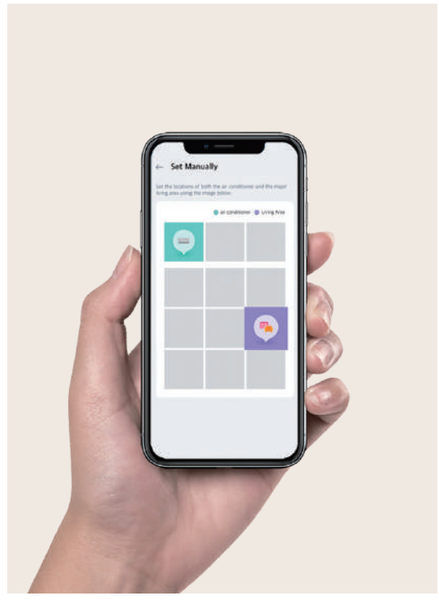
Strong Breeze When It's Hot or Cold.

Gentle, soft airflow as the room warms up or cools down. Experience a perfectly balanced atmosphere tailored just for you, every moment of the day.



Adjust Exactly as You Want

With the ThinQ app, easily set the location of your air conditioner and specify the areas where you spend most of your time. This allows you to enjoy a fully customized airflow, tailored to your unique preferences for the ultimate comfort.



※ The AI Air function is available only in heating and cooling modes. When the AI Air function is activated, it automatically operates in one of three modes (Direct Fast, Indirect Fast, Soft Air) using the "Human Detecting Sensor" or ThinQ settings to occupant's location. And wind direction and speed are adjusted automatically based on the indoor environment and the location of the occupant. When there are multiple occupants in the space, only the location of the nearest occupant is taken into account.
※ The model without a "Human Detecting Sensor (Radar Sensor)" can use the AI Air function by setting the positions of products and furniture in ThinQ. Based on the set positions, the airflow, wind direction, and product performance are adjusted, but tracking functionality is not provided.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

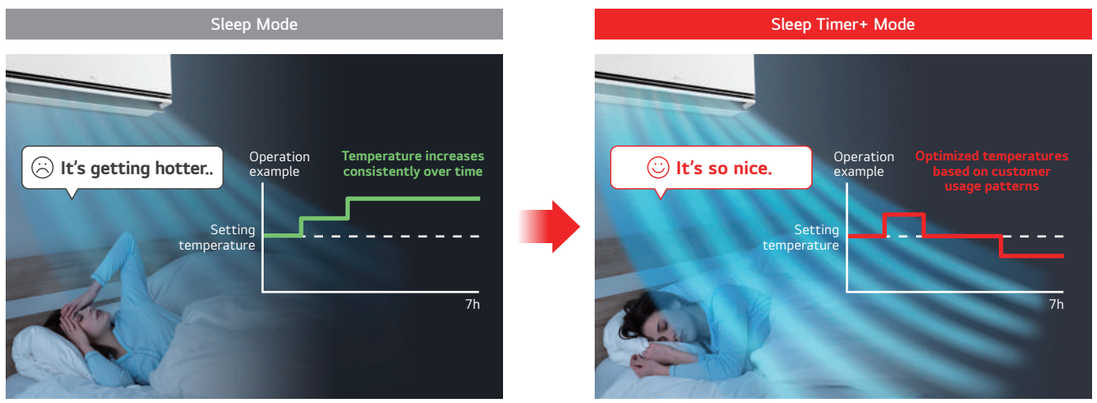
Key Feature

Sleep Timer+ (by AI-powered Control)

AI Comfort Control

ThinQ Learns Your Rhythm for Deeper Sleep

For a deeper, more restful sleep, Sleep Timer+ automatically adjusts the cooling temperature to suit your needs. By analyzing your air conditioner usage patterns, it ensures a comfortable environment that helps you sleep longer and more comfortably throughout the night.



※ "Sleep Timer+" operates by automatically adjusting the setting temperature through user pattern analysis during sleep mode.
※ "Sleep Timer+" is only available in Cooling mode.
※ "Sleep Timer+" allows the initial setting temperature to be set in the range of 22℃ to 28℃.
※ "Sleep Timer+" is set through ThinQ and can be operated by ThinQ and remote controller.
It can be set from a minimum of 30 minutes to a maximum of 12 hours, and after 1 hour, it can be set in 1-hour increments.
※ "Sleep Timer+" is deactivated when setting Energy Saving, Power Cooling and Smart Care.

Soft Air

AI Comfort Control

Stay comfortably cool with no chilly drafts and personalize breeze range and temperature.



※ In Soft Air mode, the lower outlet is closed, and indirect airflow is provided through the front outlet.
※ This function can be applied Cooling / Fan / AI Air mode only.
※ During AI Air mode operation, the Soft Air function is automatically activated based on the indoor environment.
※ To use the Soft Air function alone, it can be manually activated using the ThinQ app or the remote control.
※ The wind temperature can be set through ThinQ only when using the Soft Air mode alone, not during AI Air operation.
※ During the use of Soft Air mode alone, the minimum settable room temperature is 24°C.
※ The airflow temperature may not increase or decrease depending on the indoor and outdoor temperatures.
※ When connected Multi ODU, this function may not be supported.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

DUALVane™

AI Comfort Control

DUAL Vane spreads airflow up or down, further and faster, for ideal comfort in any season.



22% UP
Air Flow Distance

23% UP
Cooling Performance Speed

6% UP
Heating Performance Speed

Longer Stream Wind

The innovative DUAL Vane system combines two separate vanes into one long, unified vane, allowing airflow to reach further than traditional models. This extended airflow ensures more effective and consistent cooling throughout the room, enhancing comfort in every corner.

Indirect Flow

The DUAL Vane system offers an indirect airflow mode for a more comfortable experience than traditional single vane. Cold air flows gently from above your head, while warm air rises from beneath your feet, minimizing the discomfort of direct wind contact and creating a more balanced and pleasant environment.



Faster Cooling & Heating

DUAL Vane can provide optimized airflow that single vane can not achieve It enables cooling up to 23% faster and heating up to 6% faster than single vane.

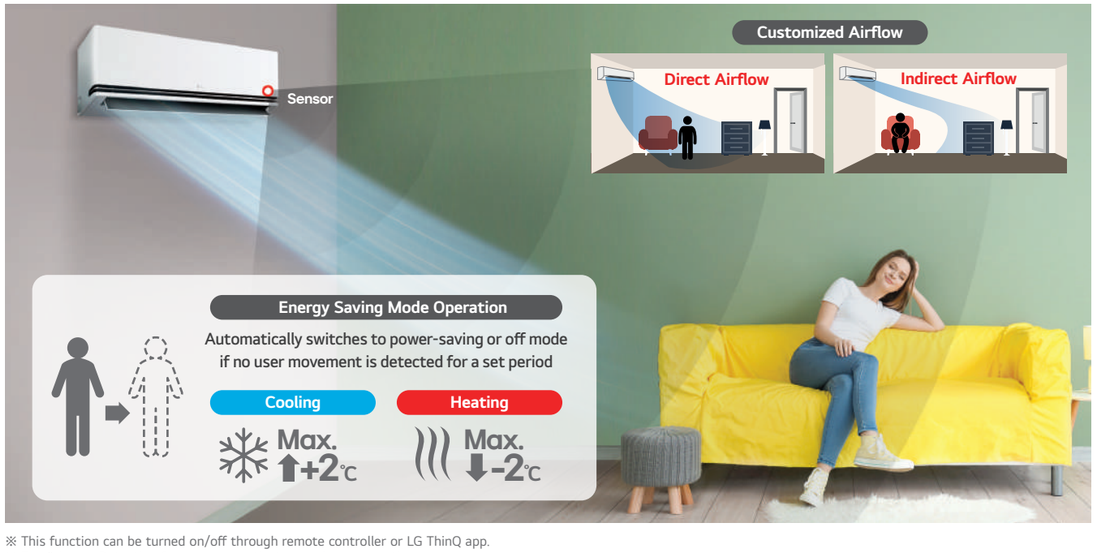


※ Performance comparison vs Single Vane
1) Date 2024.12, Measurement results in LG air conditioner R&D Center, installation height 2.0 m, Fan mode. Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products.
2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 ㎡/50.1 ㎥, Jet Mode, Indoor DB (33±0.3)℃ / RH (60±5)%, Outdoor DB (35±0.3)℃ / RH (50±5)% 18℃ setting on cooling mode, Indoor DB (12±0.3)℃ / RH (60±5)%, Outdoor DB (7±0.3)℃ / RH (87±5)% 30℃ setting on heating mode, measured the time took reduce 5℃ (for Cooling) / rise 5℃ (for heating), from the initial average room temperature. Test Model : S3-M12KL2MB (SK), S3-M121L1C0 (S1 New Platform)
3) The performance result may vary depending on actual usage conditions.

Human Detecting Sensor

Proactive Energy Saving

Human Detecting Sensor's location detector provides comfy airflow control and auto power-savings.



※ This function can be turned on/off through remote controller or LG ThinQ app.
※ The "Human Detecting Sensor" only activates cooling and heating mode.
※ The judgment time of absence human detection can be set from 20 to 120 min through LG ThinQ app (Default 20 min).
※ Human body detection covers 100 degrees left and right based on the product, and the maximum detection distance is 5 m.
※ Depending on usage conditions, sensor detection range may be shortened.
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Key Feature

Window Open Detection

Proactive Energy Saving

Reduces energy loss as Energy Saving mode starts automatically during sudden temperature changes. Prevents condensation when windows are open.

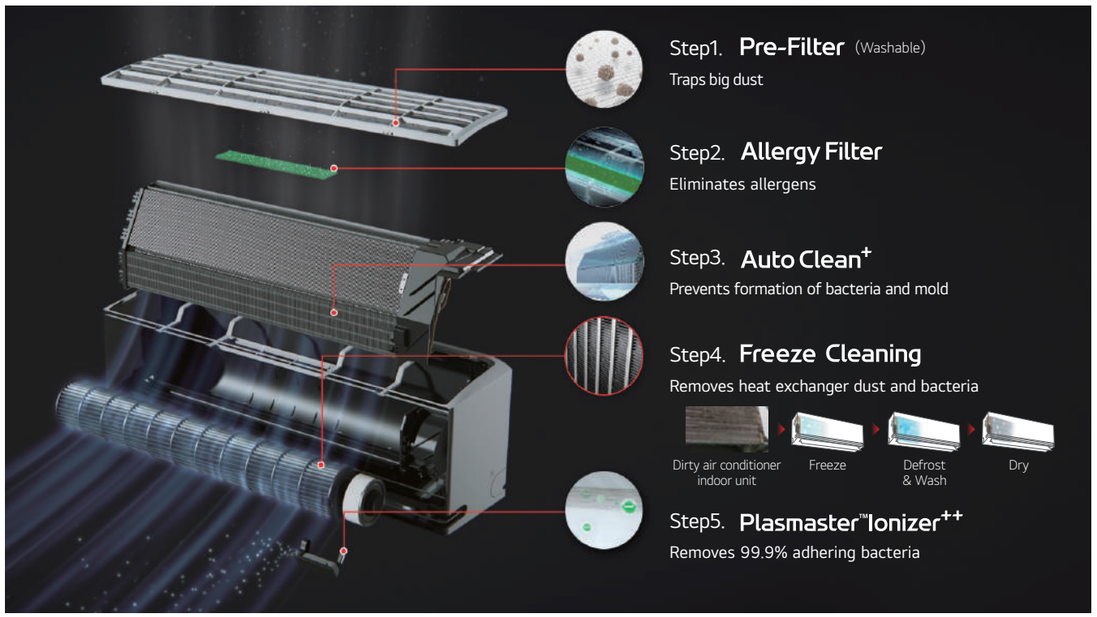


※ The initial setting is off when the product is shipped.
※ This function can be set up through LG ThinQ app only.
※ The "Window Open Detection" function is available in Cooling and Heating mode only.
※ The default Energy Saving mode operating time is 10 minutes and can be set up to 60 minutes through LG ThinQ app.

Total Air Care

Hygienic Air Care

A multi-step filtration process with Freeze Cleaning that purifies the air, removing dust and even bacteria, ensuring the air you breathe is always fresh.

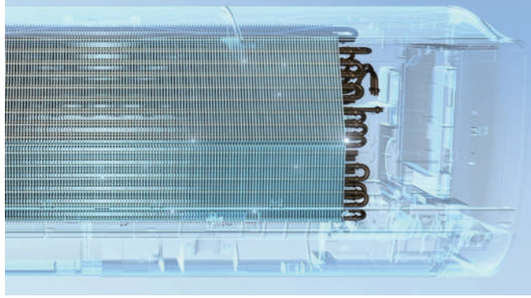


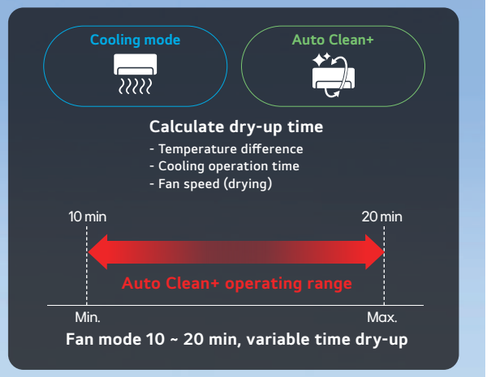
※ The Image shown above varies by model.

Auto Clean+

Automatically dries any moistures inside the air conditioner to ensure it's always clean.

Calculates the drying time automatically based on the product's (compressor) operating time and the difference between the desired temperature with the room temperature to help remove moisture inside the product.





※ The Auto Clean+ operating time is automatically set according to the appliance usage conditions, and the progress status is displayed as the remaining minutes on the indoor unit display.
※ The AI dry time is automatically set up to 20 minutes. (for ARTCOOL Gallery, 15 to 25 min)
※ Through the ThinQ app, customer can set the wind speed and adjust the drying speed.
※ The drying condition inside the appliance may be differently depending on the temperature or humidity of the indoor air.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

A new air conditioner designed to seamlessly integrate with your senses and interior.

LG ARTCOOL™ Gallery

Premium / Special



Key Feature

Explore the ARTCOOL 2nd Evolution Gallery – An Interior Masterpiece.

Art Display (27" Full HD LCD)

Experience a 27" Full HD LCD display incorporated into the air conditioning unit. Customize the screen to suit your mood and preferences.



Wood Frame Design

Featuring a modern and luxurious design that seamlessly harmonizes with any space.

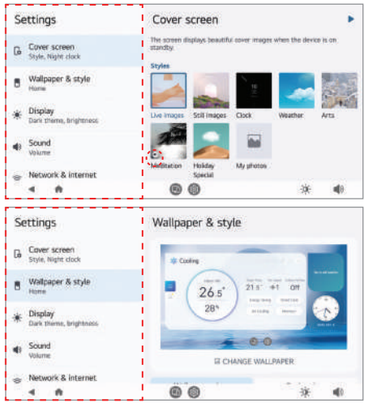
The ARTCOOL Gallery has Excellence Design Awards from the IDEA. (International Design Excellence Awards)

Create the Interior Settings Using the LG ThinQ App

Choose up to 20 photos from your phone and send them to Look at Me through the ThinQ app, allowing you to view them on the air conditioner.

Setting Click → Select Style on Cover Screen → Select Image or Video & Click → Preview





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※ Specifications may vary by each model or IDU / ODU combination.

powered by
DUAL Inverter HeatPump Compressor™

What is the Dual Inverter HeatPump Compressor?

A compressor is the heart of an air conditioner. LG's Dual Inverter HeatPump Compressor solves convential compressor problems, resulting in an air conditioner that cools faster, lasts longer, and runs quieter.



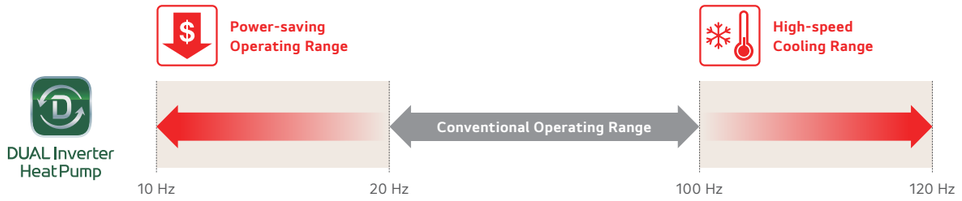
Product Reliability Improvement

The Dual Inverter HeatPump Compressor reduces the vibration and with it the sound pressure levels. The reduction in vibration reduces the possibility of fractures occurring in the the surrounding pipework.

How It Works

Varied-speed Dual Rotary

A compressor motor with a wider rotational frequency that is energy efficient and has a higher volumetric quick cooling capacity than any conventional compressors.



※ Dual Inverter HeatPump Compressor is applied to Single Split only.

Low Noise

LG air conditioners operate at 19 dB low noise level.

How It Works

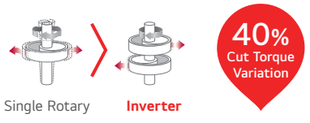
LG's Unique Skew Fan

By minimizing the surface pressure of the fan blade when in contact with the air, the noise produced by the air conditioning unit is reduced to a remarkably low level.



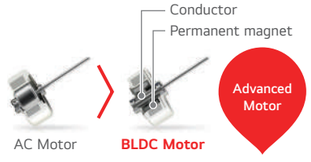
ALVC (Active Low Vibration Control)

A speed-error component estimates the load to compensate for imbalances, which are the primary causes of vibration and noise, enabling the rotation of the motor without vibration at low Hz levels.



BLDC Fan Motor

With strong torque and powerful ND magnetism as well as precise speed control of 13 different steps for smooth operation, the BLDC motor provides substantial air volume and high static pressure, while keeping electrical and mechanical noise lower, and making high-speed operation available.



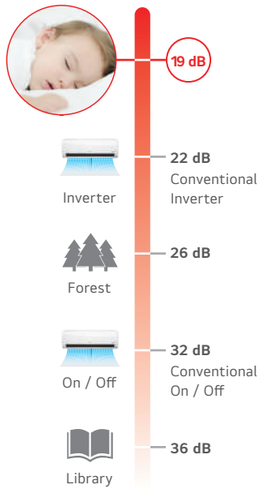
Conventional AC Motor

- Low efficiency
- Heat problem during overhauling
- Difficult precise speed control

BLDC Motor

- Low electric and mechanical noise
- Durable precise speed control

Benefit

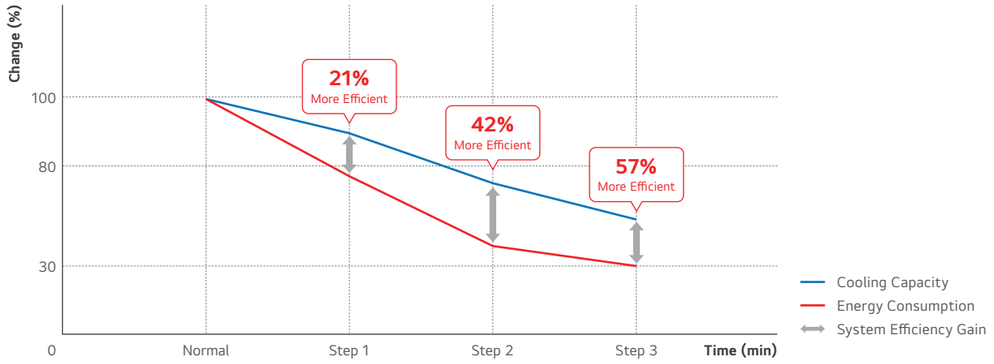


※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Active Energy Control

LG's Active Energy Control operates in four steps, dynamically adjusting both energy consumption levels and cooling capacity. This is achieved through precise control of the maximum frequency of the compressor motor.

Concept & Benefit



※ Test Conditions : Normal Temperature (Indoor Temperature at the Cooling Mode : 28°C, Outdoor Temperature : 32°C)
※ Test Model : DC12RH

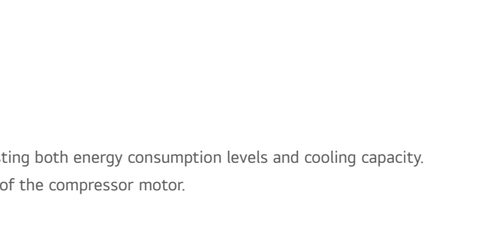
※ Depending on the experimental conditions.
※ When connected to Multi ODU, this function may not be supported
※ Active Energy Control works only cooling mode.

How It Works

STEP 1 100% Energy Usage
Suitable for many people and high-activity levels



STEP 2 80% Energy Usage
Ideal for fewer people and moderate-activity levels



STEP 3 60% Energy Usage
Designed for even fewer people and low-activity levels



STEP 4 40% Energy Usage
Intended for the fewest people with no activity



※ The form of the remote control and the arrangement of the buttons may be different for the product.

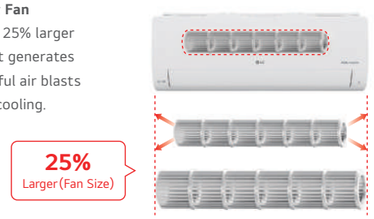
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Fast Cooling

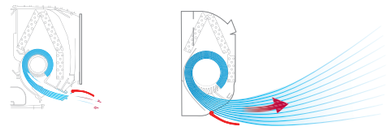
The cool airflow rapidly reaches all the corners of the room, keeping the space cool and comfortable.

How It Works

Bigger Skew Fan
Experience a 25% larger skew fan that generates highly powerful air blasts for efficient cooling.

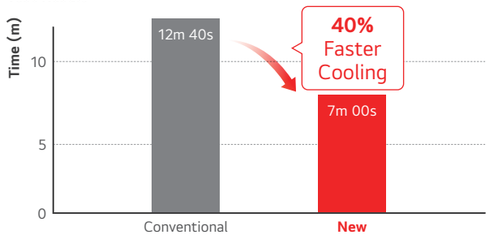


Cooling Outlet
The larger and optimally designed cooling outlet ensures broader coverage, rapidly cooling larger areas for a more comfortable environment.



Test Result

Test Result



※ Depending on the experimental conditions.

TÜVRheinland®

※ 26.5℃ Reach Time Comparison
※ Test Model
- Conventional : TS-H2465DA0
- New : US-Q242Kxy0

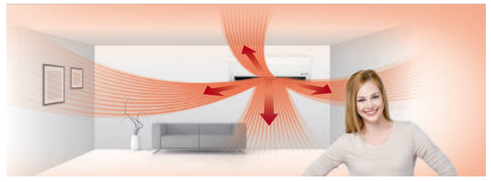
※ Test Conditions :
Indoor temperature 33°C, Outdoor temperature 35°C,
Relative humidity 60%, Setting temperature 26°C
Test room size : 4.3 m x 7.0 m x 2.3 m

Fast Heating

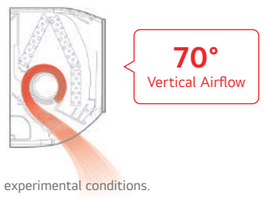
LG Residential Air Conditioners satisfy user needs by consuming less energy and heating a wider space in a shorter period. This creates a warm and comfortable living environment.

How It Works

4 Way Auto Swing (Easy Airflow Control)
The 4-Way Auto Swing feature adjusts airflow dynamically based on the surrounding environment. This ensures the optimal distribution of warm air throughout living areas, facilitating quick and efficient heating.



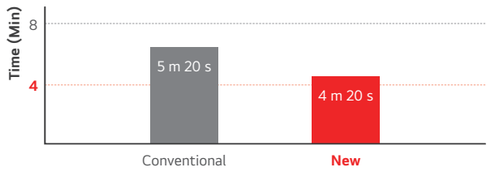
Vertical Airflow
During heating, the vane directs warm air downward, ensuring a pleasant and balanced room temperature.



※ Depending on the experimental conditions.

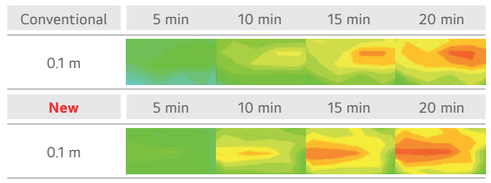
Benefit & Test Result

22% Quick Heating



※ Test Conditions :
Outdoor temperature : 7°C, Indoor temperature : 12°C,
Humidity : 87%, Remote control : 30°C Power

Changes in Temperature Over 20 Minutes



※ Test Conditions :
Outdoor temperature : 7°C, Indoor temperature : 12°C,
Humidity : 87%, Remote control : 30°C Power

※ Depending on the experimental conditions.

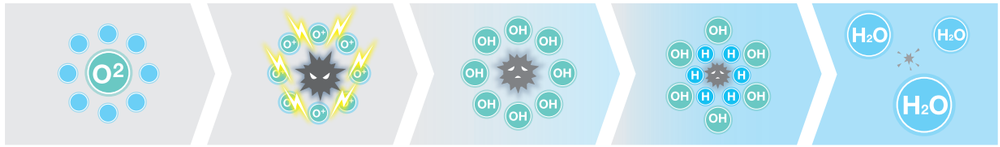
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Plasmaster™Ionizer++

The powerful Plasmaster™ Ionizer++ removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 8 million ions. Experience a safer, cleaner indoor environment.

How It Works

Reduction and Deodorization (Utilizes Over 8 Million Ions)
Plasmaster™ Ionizer++ reduces E.coli and Staphylococcus in the surface with over 8 million ions.



Release of Ions into Air
Ions are released into the air.

Surrounding Harmful Substances
H- and O- bond to harmful particles.

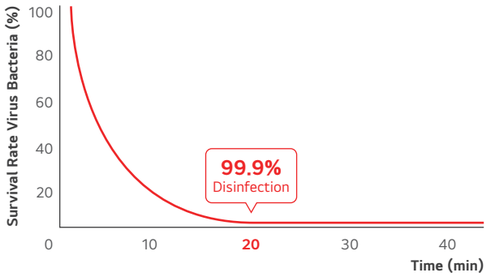
OH Radical Production
OH radicals inactivate harmful substances.

Chemical Reaction
OH radicals bond with H particles.

Disinfection
H_2O molecules are produced.

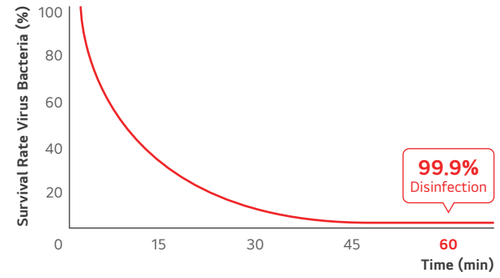
Test Result

Effective Reduction Performance
Remove Bacteria E.coli over 99.9% in 20 min



※ Test Conditions :
Space : 30 m³ Chamber (Measuring with the specimen in the center of test chamber)
Temperature & Humidity : Normal
Bacteria : Escherichia coli
Verified by Intertek & TUV Rheinland

Effective Reduction Performance
Remove Staphylococcus aureus over 99.9% in 60 min



※ Test Conditions :
Space : 30 m³ Chamber (Measuring with the specimen in the center of test chamber)
Temperature & Humidity : Normal
Bacteria : Staphylococcus Aureus
Verified by Intertek & TUV Rheinland

Benefit & Verification

The LGE's ionizer, known as "Plasmaster™ Ionizer++," has demonstrated the capability to remove more than 99.9% of bacteria, including Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus aureus.



TÜVRheinland®



intertek



※ Depending on the experimental conditions.

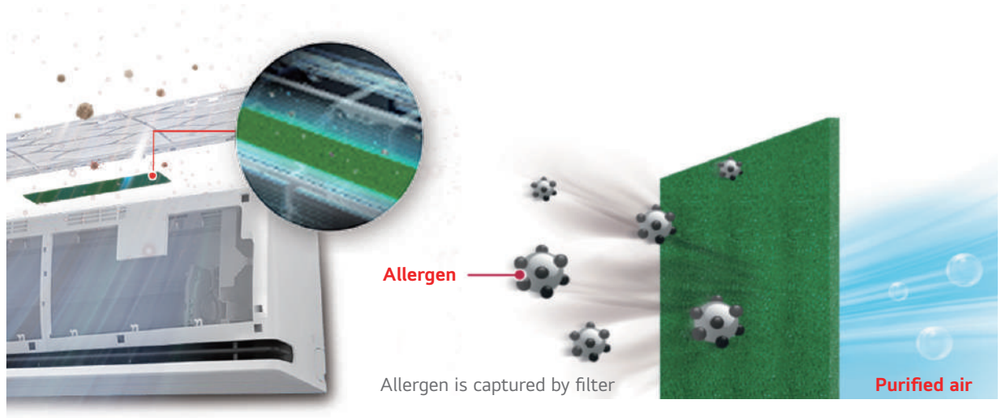
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Allergy Filter

While airflow from an air conditioner may trigger symptoms associated with allergies or asthma, LG units feature an interior filter designed to absorb harmful particles such as dust mites, pollen, fungi, and mold that circulate in the air. This ensures a cleaner and more allergen-free environment.

How It Works

Removes Allergy Causing Substances, Such as Dust Mites that Can be Found in the Air.



Certification





Certified by AllergyUK

* Test Condition
A filter is coated to absorb harmful substances that can cause allergies.
The air conditioner strongly absorbs indoor air and removes allergy-causing substances, such as house dust mite, fungi, mold, floating in the air.

Allergy UK (a world-renowned organization) is a British medical charity dedicated to helping adults and children with their allergies. The charity was founded in 1991 as the British Allergy Foundation, and in 2002 the operational name of the charity became Allergy UK. Allergy UK endorses certain products that restrict or remove high levels of allergens and gives them a Seal of Approval.

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UVnano™

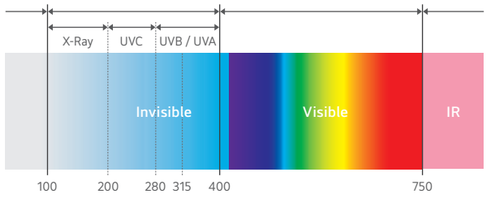
LG DUALCOOL, keeping the fan (inside the unit) 99.99% bacteria-free with ultraviolet light to ensure that the air passing through is clean too.

What Is UVnano™ and How It Works?

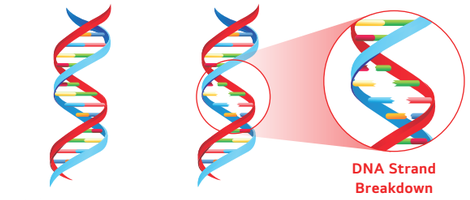
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria / mold / viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

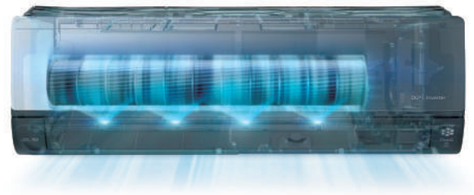
DNA Absorption Efficiency by Wavelength

Electromagnetic Spectrum and Types



Destruction Nuclear Sequence (Chain)





UVC Applied Product

LG Product



Various Product Lines



Benefit & Verification

Keep the fan 99.99% bacteria-clean for a cleaner breeze.



Removes up to **99.99%** of bacteria from the internal fan.

TÜVRheinland®

※ Test Condition
- Test Model : S3NM12JL1GA(SJ), S3NM24K21GA(SK)
- Test Standard : LG test method with referenced to ISO 20743:2007
- Bacteria : Staphylococcus aureus, Staphylococcus epidermidis, Klebsiella pneumoniae

※ UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV (ultraviolet) and nanometer (unit of length).

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Auto Cleaning

The interior of the air conditioner is maintained clean by drying off the heat exchanger, then cleaning the interior once more.

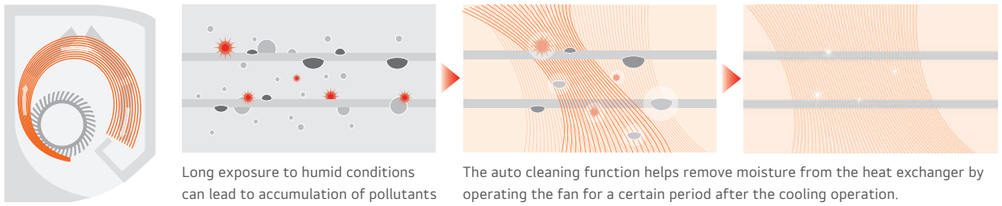
Pain Point

After the air conditioner operates in cooling mode, the inside of the air conditioner becomes humid, making it easier to smell and contaminate. Cleaning the inside of the air conditioner is especially difficult, and many customers are curious about how to maintain it.



How It Works

Dry-up Evaporator with Proper Air Flow



Long exposure to humid conditions can lead to accumulation of pollutants inside the air conditioner, making it difficult to expect clean air the next time you turn it on.

The auto cleaning function helps remove moisture from the heat exchanger by operating the fan for a certain period after the cooling operation.

Benefit

Keeps the Evaporator Clean for Fresh Wind Pass Through

Auto Cleaning function helps maintain the cleanliness of the heat exchanger by periodically drying the inside of the air conditioner, which is difficult to manage.

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Low Heating

Protect your home, even when You're away.

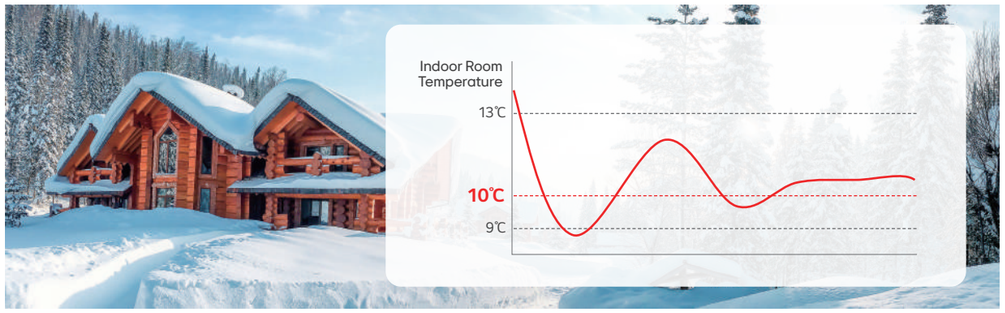
Pain Point

Worry less about the cold wreaking havoc on your home while you're away. Freezing temperatures can damage tap water systems, furniture, and household appliances, leaving you with costly repairs and discomfort.



How It Works

Activate the Low Heating function to maintain a safe room temperature, even when you're not home. Instead of stopping completely, the air conditioner regulates the room temperature to around 10℃. (or 8℃ ~ 15℃*) If the temperature drops to 9℃ (or 7℃*) , the system activates the compressor to restore it to 10℃. (or 8℃ ~ 15℃*) This gentle maintenance prevents freezing while conserving energy.



* Low Heating function to set indoor temperature applies differently depending on the model.
  1) Model that automatically sets the indoor temperature to 10°C when the Low Heating function is activated: AI Air Mirror, AI Air Premium, AI Air Deluxe, and AI Air Special
  2) Model that manually sets the indoor temperature to 8°C ~15°C when the Low Heating function is activated: DUALCOOL Special P Series & DUALCOOL Special E Series

※ This function is only available with the Heating mode. "LH" is displayed on the indoor unit. During "Low Heating" mode operation, the fan speed of the indoor unit is fixed by high winds, and the fan speed and wind direction of the indoor unit cannot be controlled.

Benefit

With Low Heating, you can travel with peace of mind, knowing your living space is protected from freezing temperatures. Minimal heating ensures comfort and safety for your home while keeping energy consumption low.



※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Embedded Wi-Fi

Effortlessly manage your air conditioners using Android or iOS smartphones with the embedded Wi-Fi feature.

ThinQ

Download the ThinQ app from Google or Apple app stores.

ThinQ™

Download on the App Store　GET IT ON Google Play

How It Works

① Turn On "ThinQ" on Your Air Conditioner
Benefit from the embedded Wi-Fi modem and enjoy unlimited innovation.



③Enjoy Unlimited Innovation
Once registered, experience seamless connectivity and explore the innovative features offered through ThinQ.

Wi-Fi Connectivity
Experience individualized comfort with Wi-Fi connectivity. Each family member can customize the air conditioner temperature and fan speed using their app, saving preferences for future use. These personalized settings can be stored for each specific air conditioner.

Multiple Devices

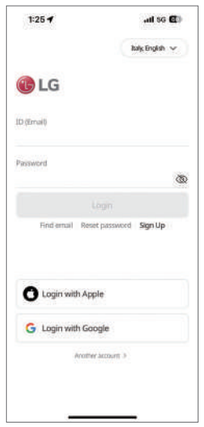


Multi-control



※ Can be controlled by multiple users, but not simultaneously.

② Easy Registration and Log-in
Follow the interactive setup steps to activate ThinQ's impressive features by setting up your LG Account.

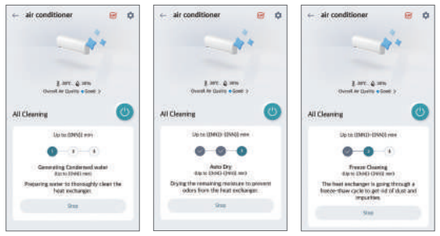


Benefit

Simple Operation for Various Functions



Energy Monitoring



All Cleaning

Integrated Home Appliances Control
Monitor and control your LG appliances from one place



Access Your Air Conditioner Anytime and from Anywhere
with a Wi-Fi equipped device and LG's exclusive control app, ThinQ.



※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

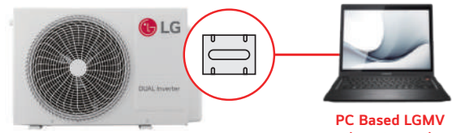
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Specifications may vary for each model.

Mobile LGMV (Monitoring View)

LGMV simplifies the inspection (diagnosis) and monitoring of air conditioning units for engineers, allowing easy access through your smartphone or PC.

PC Version

LGMV Module (for Service)



PC Based LGMV (for Service)



Operation Information



Cycle View

- IDU & ODU Information
- Cycle & Valves
- Sensors & Electricity
- Cycle Diagram
- Actuator Information

Smartphone Version



Install / SVC Engineer　Mobile LGMV



Monitoring Data　Diagnosis　Commissioning　Troubleshooting Guide

Technicians can not only review cycle information through diagrams and graphs but can also easily check error statuses (troubleshooting guide) and take immediate action.

※ For Android or iOS Users : Search for "Mobile LGMV" on Google Play or the Apple Store and proceed with the download.
※ Additional Requirement : A Wi-Fi modem (PWFMDD200) is required as an optional accessory.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Wi-Fi R32 R410A



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Masterpiece of Your Interior : ARTCOOL Gallery Premium

Transform your space with the perfect blend of functionality and art.
The ARTCOOL 2nd Evolution Gallery Premium seamlessly integrates style, technology, and comfort into your home.

- Stylish Design : A wood frame with an interior design aesthetic (optional black frame) elevates any room's décor.
- FHD Display : A 27-inch full HD display graces the front panel, offering dynamic customization.
- Personal Touch : Easily upload and change images or showcase your own photos via the LG ThinQ app, making it uniquely yours.
- Entertainment Hub : Enjoy videos and music with built-in 5W speakers (2 EA) for a richer experience.
- Smart Display : The air conditioner widget keeps you informed about energy usage, maintenance needs, and operational status at a glance.
- Smartphone Integration : Mirror your Android smartphone to the ARTCOOL Gallery for a larger display (Android OS only*).
- Comfort & Hygiene
- 3D Indirect Airflow & Hidden Vane Control : Provides optimal cooling without the discomfort of direct wind.
- Plasmaster™ Ionizer++ : Removes 99.9% of adhering bacteria for cleaner air.
- Auto Clean+ : Ensures the unit stays spotless with innovative cleaning modes.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

With the ARTCOOL 2nd Evolution Gallery, you're not just getting an air conditioner-you're elevating your interior with a masterpiece of design and technology.

Multi Combination

INDOOR				A09GA2N.EEU
Capacity	Cooling	Rated	W	2,600
	Heating	Rated	W	3,300
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	20
Air Filter Type				Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	652 x 158 x 652
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				A12GA2N.EEU
Capacity	Cooling	Rated	W	3,700
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	20
Air Filter Type				Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	652 x 158 x 652
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases. (R32)
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ Y : Available or Applied / - : Not Available or Not Applied
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Wi-Fi R32 R410A



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification : www.eurovent-certification.com

Designed Air Conditioner to Fit Perfectly into Anywhere

- ARTCOOL 2nd Evolution ARTCOOL GALLERY SPECIAL to seamlessly integrate with your senses and interior
- Wood frame, Interior design style (Black frame is option)
- Easily change images and display your own style
- Air Flow: 3D Indirect Air Flow, Hidden Vane Control, Plasmaster™ Ionizer++
- Auto Clean+

Multi Combination

INDOOR				A09GA1.NSE
Capacity	Cooling	Rated	W	2,600
	Heating	Rated	W	3,300
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
Dehumidification Rate			l/h	1.1
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	16.7
Air Filter Type				Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	652 x 158 x 652
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				A12GA1.NSE
Capacity	Cooling	Rated	W	3,700
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m^3/min	6.0 / 8.0 / 10.0 / 11.0
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	16.7
Air Filter Type				Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	652 x 158 x 652
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

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※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ Y : Available or Applied / - : Not Available or Not Applied
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AI Air



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- DUAL Vane : Multi-link technology optimizes control of two separate vanes, expanding the airflow range.
- High SEER : Enjoy top performance and significant energy savings.
- Automatic Energy Saving : Detects open windows and activates Pro-active Energy Saving (Included Human Detection) Mode Control.
- Sleep Timer+ : Adjusts cooling temperature based on your air conditioner usage patterns for a restful night.
- Low Heating protects your home from freezing temperatures.
- Plasmaster™ Ionizer++ & Allergy Filter : Ensure a cleaner, healthier, and more comfortable indoor environment.
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

Multi Combination

INDOOR				AA09SP.NS1	AA12SP.NS1
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,200	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48	27 / 35 / 40 / 48
Sound Power	Cooling	Power	dB(A)	60	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2
Dehumidification Rate			l/h	1.15	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	13.7	13.7
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	935 x 307 x 235	935 x 307 x 235
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

INDOOR				AA18SP.NS1
Capacity	Cooling	Rated	W	5,000
	Heating	Rated	W	5,800
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	29 / 34 / 39 / 44 / 49
	Heating	L / M / H / SH	dB(A)	34 / 39 / 44 / 50
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	7.0 / 9.9 / 11.7 / 13.6
	Heating	L / M / H / SH	m^3/min	7.0 / 9.9 / 11.7 / 14.2
Dehumidification Rate			l/h	1.8
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	13.7
Air Filter Type				Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	935 x 307 x 235
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

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UVnano™



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Integrate with Your Senses and Interior

- Plasmaster™ Ionizer++ : Say goodbye to unpleasant odors and harmful bacteria. With over 8 million ions at work, enjoy a safer and cleaner indoor environment free from Escherichia coli and Staphylococcus.
- Interior Allergy Filter : Breathe easier with our advanced filter that absorbs harmful particles like dust mites, pollen, fungi, and mold, providing a cleaner and more allergen-free space.
- UV Light Sanitization : Maintain a 99.99% bacteria-free fan with ultraviolet light, ensuring every breath you take is through clean, purified air.
- Auto Cleaning : Keeps the interior of the air conditioner clean by drying off the heat exchanger and performing an additional cleaning.

Multi Combination

INDOOR				AM07BK.NSJ	AC09BK.NSJC	AC12BK.NSJC
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,300	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 26 / 32 / 36 / -	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45
	Heating	L / M / H / SH	dB(A)	26 / 32 / 36 / -	27 / 35 / 41 / 45	27 / 35 / 41 / 45
Sound Power	Cooling	Power	dB(A)	57	59	59
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.0 / 7.2 / 8.6 / -	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5
	Heating	L / M / H / SH	m^3/min	5.0 / 7.2 / 8.6 / -	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0
Dehumidification Rate			l/h	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1, 220 ~ 240, 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	9.9	9.9	9.9
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				AC18BK.NSKC	AC24BK.NSKC
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power	Cooling	Power	dB(A)	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	12.8	13.5
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	998 x 345 x 212	998 x 345 x 212
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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Wi-Fi R32 R410A

AI Air



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Multi Combination

INDOOR				H09S1PA.NS1
Capacity	Cooling	Rated	W	2,500
	Heating	Rated	W	3,200
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2
Dehumidification Rate			l/h	1.15
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	12.6
Air Filter Type				Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	895 x 307 x 235
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

INDOOR				H12S1PA.NS1
Capacity	Cooling	Rated	W	3,500
	Heating	Rated	W	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 35 / 40 / 48
Sound Power	Cooling	Power	dB(A)	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	5.7 / 8.1 / 10.5 / 14.2
Dehumidification Rate			l/h	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)
Weight		Net	kg	12.6
Air Filter Type				Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	895 x 307 x 235
ACCESSORIES & OTHERS				
Wall Type Single Split Compatible				Y
Commercial Single Split Compatible				-
Dry Contact				Y
Wired Remote Controller				Y
ThinQ (Embedded Wi-Fi)				Y

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Wi-Fi R32 R410A

AI Air



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Multi Combination

INDOOR				DM07S0DA.NS0	H09S1DA.NS1	H12S1DA.NS1
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 33 / 40 / 46	19 / 27 / 35 / 40 / 47	19 / 27 / 35 / 40 / 47
	Heating	L / M / H / SH	dB(A)	27 / 33 / 40 / 46	27 / 35 / 40 / 48	27 / 35 / 40 / 48
Sound Power	Cooling	Power	dB(A)	56	60	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.8 / 7.0 / 9.3 / 12.0	5.7 / 8.1 / 10.5 / 13.6	5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H / SH	m^3/min	4.8 / 7.0 / 9.3 / 12.0	5.7 / 8.1 / 10.5 / 14.2	5.7 / 8.1 / 10.5 / 14.2
Dehumidification Rate			l/h	1.0	1.15	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	10.0	11.0	11.0
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	799 x 307 x 235	895 x 307 x 235	895 x 307 x 235
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				H18S1DA.NS1	H24S1DA.NS1
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	29 / 34 / 39 / 44 / 49	31 / 34 / 42 / 47 / 51
	Heating	L / M / H / SH	dB(A)	34 / 39 / 44 / 50	34 / 42 / 47 / 51
Sound Power	Cooling	Power	dB(A)	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	7.0 / 9.9 / 11.7 / 13.6	7.3 / 10.1 / 12.3 / 14.6
	Heating	L / M / H / SH	m^3/min	7.0 / 9.9 / 11.7 / 14.2	7.3 / 10.1 / 12.3 / 14.6
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	12.8	12.8
Air Filter Type				Allegy Filter / Pre Filter (Washable)	Allegy Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	895 x 307 x 235	895 x 307 x 235
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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Wi-Fi R32 R410A

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- Sleep Timer+ : Adjusts cooling temperature based on your air conditioner usage patterns for a restful night.
- Low Heating protects your home from freezing temperatures.
- Allergy Filter : Ensure a cleaner, healthier, and more comfortable indoor environment
- ThinQ UP function is available. (Download new features, functionalities and so on via ThinQ App)

Multi Combination

INDOOR				PM05SND.NS0	PM07SND.NS0
Capacity	Cooling	Rated	W	1,500	2,100
	Heating	Rated	W	1,600	2,300
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 32 / 39 / 45	19 / 27 / 33 / 40 / 46
	Heating	L / M / H / SH	dB(A)	27 / 32 / 39 / 45	27 / 33 / 40 / 46
Sound Power	Cooling	Power	dB(A)	56	56
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.8 / 6.8 / 9.1 / 11.6	4.8 / 7.0 / 9.3 / 12.0
	Heating	L / M / H / SH	m^3/min	4.8 / 6.8 / 9.1 / 11.6	4.8 / 7.0 / 9.3 / 12.0
Dehumidification Rate			l/h	0.9	1.0
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	10.0	10.0
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	799 x 307 x 235	799 x 307 x 235
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

INDOOR				P09SND.NS0	P12SND.NS0	PM15SND.NS1
Capacity	Cooling	Rated	W	2,500	3,500	4,200
	Heating	Rated	W	3,200	3,700	4,500
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	19 / 27 / 35 / 42 / 48	19 / 27 / 35 / 42 / 48	19 / 27 / 34 / 38 / 44
	Heating	L / M / H / SH	dB(A)	27 / 35 / 42 / 48	27 / 35 / 42 / 48	27 / 34 / 38 / 45
Sound Power	Cooling	Power	dB(A)	60	60	60
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.8 / 7.6 / 10.3 / 12.7	4.8 / 7.6 / 10.3 / 12.7	5.7 / 7.8 / 9.9 / 12.3
	Heating	L / M / H / SH	m^3/min	4.8 / 7.6 / 10.3 / 13.0	4.8 / 7.6 / 10.3 / 13.0	5.7 / 7.8 / 9.9 / 13.0
Dehumidification Rate			l/h	1.15	1.3	1.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	10.0	10.0	11.0
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	799 x 307 x 235	799 x 307 x 235	895 x 307 x 235
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

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Wi-Fi R32 R410A



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Create a Comfortable Home with Lower Energy Use

- Seamless Control : Manage your air conditioner and other LG products effortlessly with the ThinQ App, allowing you to connect and control from anywhere, anytime.
- Interior Allergy Filter : Absorbs harmful particles like dust mites, pollen, fungi, and mold, ensuring a cleaner and allergen-free environment.
- Auto Cleaning : Keeps the interior of the air conditioner clean by drying off the heat exchanger and performing an additional cleaning.

Multi Combination

INDOOR				PM05SK.NSA	PM07SK.NSA	PZ09EYN.CSJ1	PZ12EYN.CSJ1
Capacity	Cooling	Rated	W	1,500	2,100	2,500	3,500
	Heating	Rated	W	1,600	2,300	2,800	3,710
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 27 / 31 / 36 / -	- / 27 / 32 / 37 / -	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45
	Heating	L / M / H / SH	dB(A)	27 / 31 / 36 / -	27 / 32 / 37 / -	27 / 35 / 41 / 45	27 / 35 / 41 / 45
Sound Power	Cooling	Power	dB(A)	57	57	59	59
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	3.5 / 5.0 / 6.3 / -	3.5 / 5.3 / 6.6 / -	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5
	Heating	L / M / H / SH	m^3/min	3.5 / 5.0 / 6.3 / -	3.5 / 5.3 / 6.6 / -	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0
Dehumidification Rate			l/h	0.9	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1, 220 ~240, 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	8.0	8.0	8.7	8.7
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	754 x 308 x 189	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189
ACCESSORIES & OTHERS							
Wall Type Single Split Compatible				Y	Y	Y	Y
Commercial Single Split Compatible				-	-	-	-
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y	Y

INDOOR				PM15SK.NSJ	PZ18EYN.CSK1	PZ24EYN.CSK1
Capacity	Cooling	Rated	W	4,200	5,000	6,600
	Heating	Rated	W	5,400	5,400	7,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 29 / 36 / 41 / -	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	29 / 36 / 41 / -	34 / 39 / 44 / 48	34 / 42 / 47 / 50
Sound Power	Cooling	Power	dB(A)	57	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	6.1 / 8.5 / 10.0 / -	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	6.1 / 8.5 / 10.0 / -	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Dehumidification Rate			l/h	1.5	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	8.7	11.2	11.9
Air Filter Type				Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)	Alleg Filter / Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases. (R32)
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
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Wi-Fi R32 R410A



Create a Comfortable Home with Lower Energy Use

- Seamless Control : Manage your air conditioner and other LG products effortlessly with the ThinQ App, allowing you to connect and control from anywhere, anytime.
- Interior Allergy Filter : Absorbs harmful particles like dust mites, pollen, fungi, and mold, ensuring a cleaner and allergen-free environment.
- Auto Cleaning : Keeps the interior of the air conditioner clean by drying off the heat exchanger and performing an additional cleaning.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Check ongoing validity of certification : www.eurovent-certification.com

Multi Combination

INDOOR				MJ05PC.NSJ0	MJ07PC.NSJ0	MJ09PC.NSJ0	MJ12PC.NSJ0
Capacity	Cooling	Rated	W	1,500	2,100	2,600	3,500
	Heating	Rated	W	1,600	2,400	3,200	4,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 26 / 31 / 34 / -	- / 26 / 31 / 35 / -	- / 27 / 32 / 36 / -	- / 29 / 34 / 38 / -
	Heating	L / M / H / SH	dB(A)	26 / 31 / 34 / -	26 / 31 / 35 / -	27 / 32 / 36 / -	29 / 34 / 38 / -
Sound Power	Cooling	Power	dB(A)	56	56	56	56
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	4.6 / 5.7 / 7.1 / -	4.6 / 5.8 / 7.2 / -	4.8 / 6.2 / 7.6 / -	5.5 / 6.6 / 8.0 / -
	Heating	L / M / H / SH	m^3/min	4.6 / 5.7 / 7.1 / -	4.6 / 5.8 / 7.2 / -	4.8 / 6.2 / 7.6 / -	5.5 / 6.6 / 8.0 / -
Dehumidification Rate			l/h	0.9	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)
Weight		Net	kg	8.2	8.2	8.2	8.2
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	818 × 316 × 189	818 × 316 × 189	818 × 316 × 189	818 × 316 × 189
ACCESSORIES & OTHERS							
Wall Type Single Split Compatible				-	-	-	-
Commercial Single Split Compatible				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y	Y

INDOOR				MJ15PC.NSJ0	MJ18PC.NSK0	MJ24PC.NSK0
Capacity	Cooling	Rated	W	4,200	5,300	7,000
	Heating	Rated	W	5,400	6,300	7,500
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 30 / 35 / 45 / -	- / 34 / 38 / 44 / -	- / 36 / 41 / 46 / -
	Heating	L / M / H / SH	dB(A)	30 / 35 / 45 / -	34 / 38 / 44 / -	36 / 41 / 46 / -
Sound Power	Cooling	Power	dB(A)	57	59	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.9 / -	10.0 / 12.4 / 15.8 / -	10.4 / 12.8 / 16.9 / -
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.9 / -	10.0 / 12.4 / 15.8 / -	10.4 / 12.8 / 16.9 / -
Dehumidification Rate			l/h	1.5	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)
Weight		Net	kg	8.2	10.9	11.5
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	818 × 316 × 189	975 x 354 x 209	975 x 354 x 209
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				-	-	-
Commercial Single Split Compatible				Y	Y	Y
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases. (R32)
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
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Wi-Fi R32 R410A



Create a Comfortable Home with Lower Energy Use

- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Multi Combination

INDOOR				MS07ET.NSA	EZ09CYN.CSJ1	EZ12CYN.CSJ1
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	2,800	3,710
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 27 / 32 / 37 / -	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45
	Heating	L / M / H / SH	dB(A)	27 / 32 / 37 / -	27 / 35 / 41 / 45	27 / 35 / 41 / 45
Sound Power	Cooling	Power	dB(A)	57	59	59
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	3.5 / 5.3 / 6.6 / -	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5
	Heating	L / M / H / SH	m^3/min	3.5 / 5.3 / 6.6 / -	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0
Dehumidification Rate			l/h	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	8.7	8.7	8.7
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				EZ18CYN.CSK1	EZ24CYN.CSK1
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,400	7,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	34 / 39 / 44 / 48	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	998 x 345 x 210	998 x 345 x 210
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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※ This product contains Fluorinated greenhouse gases. (R32)
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global Warming Potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
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Wi-Fi R32



Create a Comfortable Home with Lower Energy Use

- Seamless Control with ThinQ App : Manage your air conditioner and other LG products effortlessly from anywhere, anytime.
- Auto Cleaning : Ensures a clean air conditioner interior by drying the heat exchanger and performing an additional cleaning cycle.
- Matte Design

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Multi Combination

INDOOR				MS07EZ.NSJ	EZ09CSN.CSJ1	EZ12CSN.CSJ1
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	2,800	3,710
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	- / 27 / 32 / 35 / -	19 / 27 / 35 / 41 / 45	19 / 27 / 35 / 41 / 45
	Heating	L / M / H / SH	dB(A)	- / 27 / 32 / 35	27 / 35 / 41 / 45	27 / 35 / 41 / 45
Sound Power	Cooling	Power	dB(A)	57	59	59
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.6 / -	4.2 / 7.5 / 10.0 / 12.5	4.2 / 7.5 / 10.0 / 12.5
	Heating	L / M / H / SH	m^3/min	5.6 / 7.2 / 8.6 / -	5.6 / 7.2 / 10.0 / 13.0	5.6 / 7.2 / 10.0 / 13.0
Dehumidification Rate			l/h	1.0	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	8.7	8.7	8.7
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
ACCESSORIES & OTHERS						
Wall Type Single Split Compatible				Y	Y	Y
Commercial Single Split Compatible				-	-	-
Dry Contact				Y	Y	Y
Wired Remote Controller				Y	Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y	Y

INDOOR				EZ18CSN.CSK1	EZ24CSN.CSK1
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,400	7,000
Sound Pressure*	Cooling	SL / L / M / H / SH	dB(A)	31 / 34 / 39 / 44 / 47	31 / 34 / 42 / 47 / 49
	Heating	L / M / H / SH	dB(A)	31 / 34 / 39 / 44 / 47	34 / 42 / 47 / 50
Sound Power	Cooling	Power	dB(A)	60	65
Air Flow Rate	Cooling	L / M / H / SH	m^3/min	10.5 / 13.0 / 14.5 / 15.5	10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H / SH	m^3/min	11.0 / 13.5 / 16.0 / 18.5	11.0 / 14.3 / 17.6 / 19.8
Dehumidification Rate			l/h	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power and Communication Cable			No. x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Weight		Net	kg	11.2	11.9
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Dimensions (W x H x D)		Net	mm	998 x 345 x 210	998 x 345 x 210
ACCESSORIES & OTHERS					
Wall Type Single Split Compatible				Y	Y
Commercial Single Split Compatible				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y
ThinQ (Embedded Wi-Fi)				Y	Y

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NOTE

Enjoy A New Level Of Fresh Air

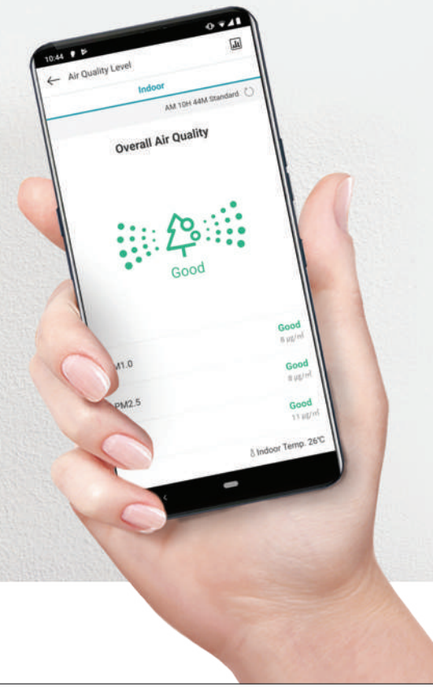
Air Purification Kit
with 1 Way CST

Cooling + Heating + Air Purification
Comfort 365 Days

Removes Ultrafine Dust
Electrical Diffusion, PM 1.0 & Deodorization Filter and Ionizer

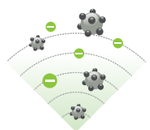
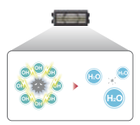
Real-time Control & Monitoring
**Smart Indicator
Remote Controller
Smart Phone (ThinQ App)**





Air Conditioner and Air Purifier in One

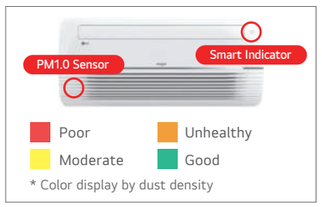
5-Steps air cleaning process removes invisible, Ultrafine dust, odor and germs to ensure a clean and healthy living environment.

1st Step	2nd Step	3rd Step	4th Step	5th Step
Pre-Filter	Anion Emission	Ultrafine Dust Filter	Photocatalytic Deodorization Filter	Disinfection Ionizer
				
Multi layer structure removes particles with 2.5 times higher efficiency than general pre-filters, with the amount of particles being reduced by 40%.	With anion increasing the electrostatic force of particles, filter's collecting efficiency is improved.	Removes up to 99% of Fine particles to ultrafine particles (Able to remove PM 1.0)	High efficiency gas adsorption technology removes life odor & harmful gases	Deactivates bacteria and virus that cause food poisoning and pneumonia

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Convenient Monitoring

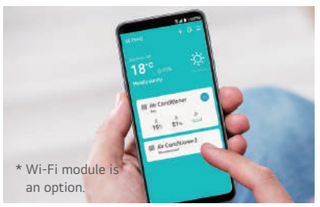
Smart Indicator
Shows quality of Indoor air in real time



Remote Controller
Displays air status and fine dust concentration



Smart Phone
Control air status can be checked whenever & wherever.



Certificate of Removal Performance

[Verification for Ultrafine Dust Removal]
[Verification for Culturable Bacteria and Virus Removal]



[1 Way CST]
- Virus (Bacteriophage Phi-X174) : 95.3% removed within 30 minutes
- Bacteria (Staphylococcus) : 91.2% removed within 60 minutes
- Ultrafine dust removal (50 nm, 100 nm) : 99.9% removed

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Human Detection for Your Comfort and Energy Saving

Human detection function identifies presence of people in order to provide pleasant airflow & energy saving.

Comfort Indirect

Prevent airflow from heading to a user by sensing.



Follow User Direct

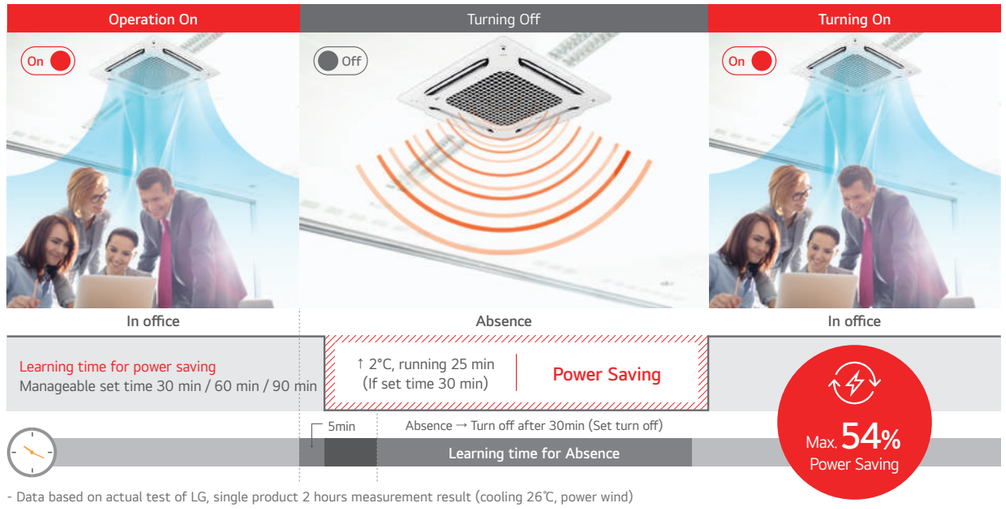
Head air flow to a user by sensing.



- Available only for CT24F NB0 Model.
- Available only for products with Human Detecting sensor.

Sensor Detection for Energy Saving

The sensor detects the absence of occupants and stops / activates operation, saving 54% of energy.



- Data based on actual test of LG, single product 2 hours measurement result (cooling 26℃, power wind)

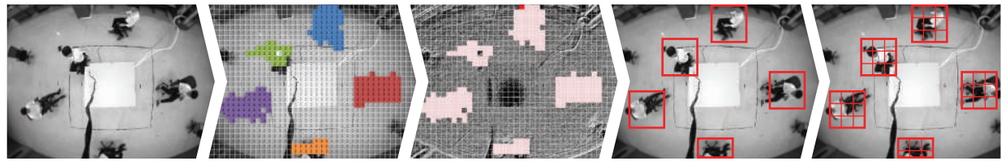
Human Detecting Process

Step 1

Select candidates to be recognized as a human body based on motion detection.

Step 2

With through 5 stages sorter. judge whether human body candidates were selected correctly.



Inputting Image | **Detecting Motion** | **Selecting Human Body Candidates** | **Human Body Sorter** | **Final detected Human Body**

※ Images are not saved.

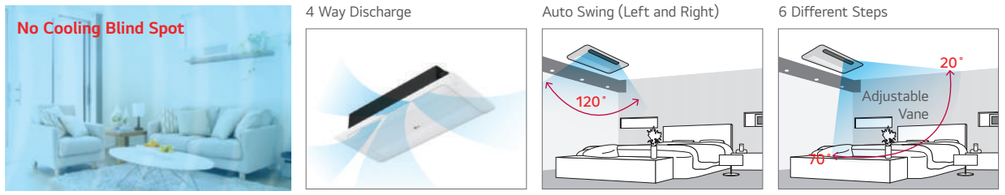
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Comfort Air

Two vane angles can be controlled in 6 steps from 20˚ to 70˚, depending on the indoor environment and personal preference.

Automatic 4 Way Wind Direction

The wind is discharged evenly up, down, left, and right automatically, so there is no cooling blind spot.



Direct & Indirect Wind

1 Way Cassette

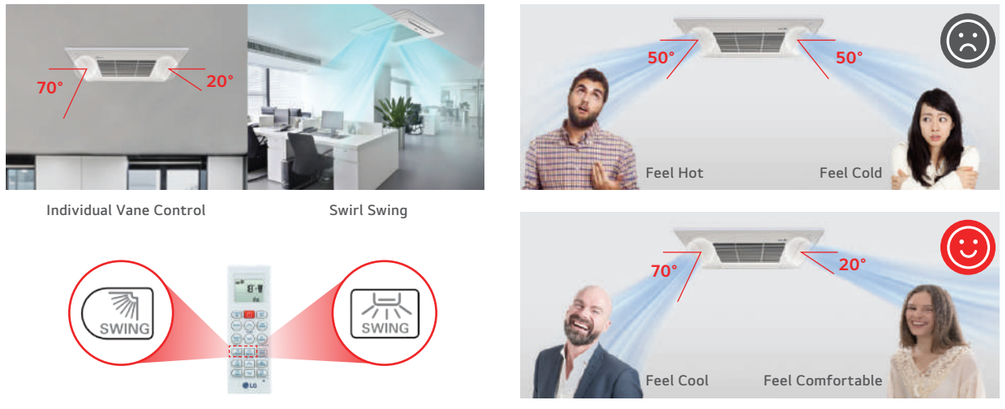


Comfort Indirect Wind
Without blowing directly at people in the room, the space is comfortable!

Cool Direct Wind
Cooler on a hot day.

Independent Vane Operation

The independent vane operation function uses separate motors, making it possible to control all four vanes independently.



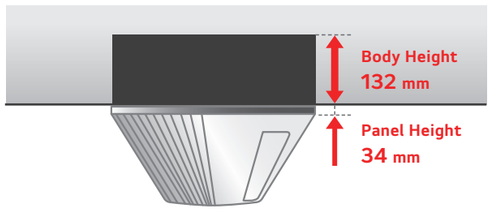
Individual Vane Control | Swirl Swing

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※ Specifications may vary by each model or IDU / ODU combination.

Compact Size of Indoor Unit

LG 1 Way Cassette

Slim & compact design not only saves space, but also reduces installation costs. The height of 1 Way Cassette is 132 mm, making it the ideal solution for installation in limited space.



LG 4 Way Cassette

Slim & compact design not only saves space, but also improves workability. It's designed to suit most of building designs and fit into various spaces.

1.5~3.5 kW



Height : **214 mm**

Length Width : 570x570mm

7.0 kW



Height : **204 mm**

Length Width : 840x840mm

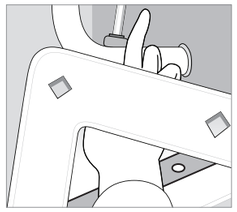
Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe. And it is easy to install the panel to the body, using the button type panel design.

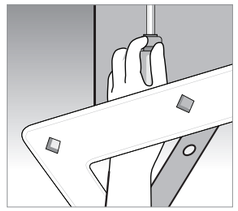
Detachable Corner Design





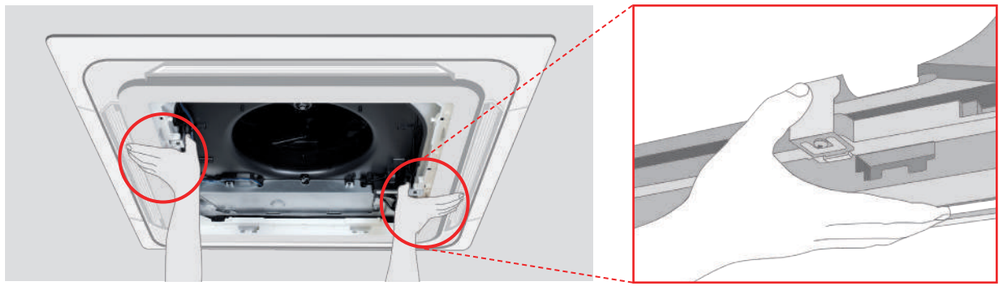


Drain Leakage Check



Hanger Adjust

One Push Panel



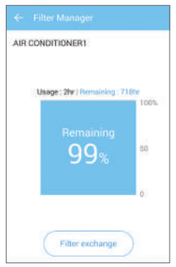
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Filter Maintenance & Sign

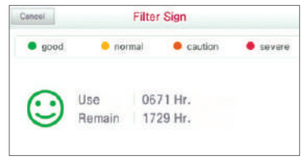
1 Way Cassette notifies the user of the time of cleaning not only by the remote controller or mobile application, but also by the LED display on the cassette. It makes the filter management easy and the indoor environment can be kept clean.

Filter Sign

Mobile Application



Wired Remote Controller



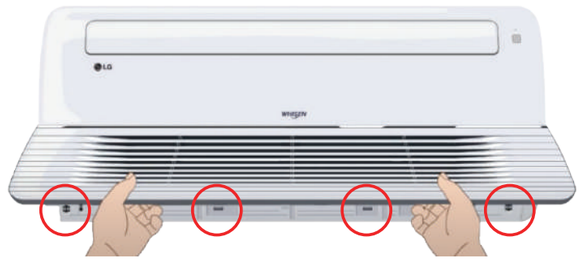
Indicator Color



DESCRIPTION	LAMP COLOR
Cooling mode	Green
Heating mode	Green
Time to clean filter in Cooling / Heating mode	Yellowish Green
Time to clean filter when product is not operating	Orange
Hot start or defrost mode before starting heating mode	Green
When reservation set on	Yellowish Green

One Touch Magnetic

The 1 Way Cassette is easily maintained when filter change or cleaning by one touch magnetic are needed.



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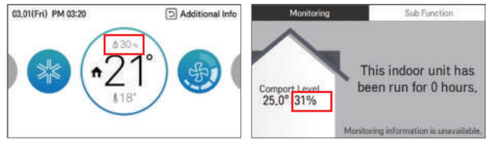
Convenient Remote Controller for Ceiling Mounted Cassette and Ceiling Concealed Duct

Standard III remote controller offers 4.3 inch LCD screen with luxurious design which well-matches interior design through simple button layout.



Standard III
Remote Controller

Humidity Display

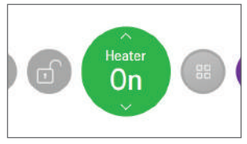


Multi Language Support

English, French, German, Spanish, Italian Portuguese, Polish, Czech, Russian, Chinese

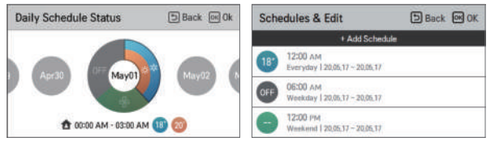
External Equipment Control

A user can turn on or off the external equipment through 1 digital output port



Optimized Schedule

Easy scheduling from daily to yearly



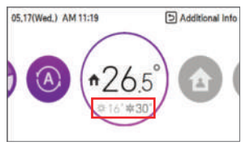
User Friendly Design

Intuitive GUI design using circle theme



2 Set Point

Room temperature is decided by setting 2 set point for cooling and heating



for Cooling



for Heating



Note : Some function may not work in some products

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0
1 Way Cassette	-	-	● MT09R.NU1	● MT11R.NU1	-	-	-

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

1 Way Cassette

INDOOR				MT09R.NU1	MT11R.NU1
Capacity	Cooling / Heating	Nom.	kW	2.6 / 2.9	3.5 / 3.9
Power Input		Nom.	W	20	20
Running Current		Nom.	A	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	7.5 / 7.3 / 6.8	8.1 / 7.4 / 7.0
Sound Pressure*	Cooling	H / M / L	dB(A)	36 / 34 / 32	37 / 36 / 33
Sound Power	Cooling	Max.	dB(A)	54	57
Dehumidification Rate			l/h	1.1	1.2
Dimensions	Body	W x H x D	mm	860 x 132 x 450	860 x 132 x 450
Net Weight	Body		kg	13.5	13.5
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
Decoration Panel	Model			PT-UAHW0 / PT-UAHG0 / PT-UPHG0	PT-UAHW0 / PT-UAHG0 / PT-UPHG0
ACCESSORIES & OTHERS					
Commercial Single Split Compatible				-	-
Dual Vane Cassette Panel				-	-
Air Purification Kit				Y	Y
Dry Contact				Y	Y
Wireless or Wired Remote Controller				Y	Y
ThinQ (Wi-Fi)				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0
4 Way Cassette	● MT06R.NR0	● MT08R.NR0	○◎ CT09F.NR0	○◎ CT12F.NR0	-	○◎ CT18F.NQ0	○◎ CT24F.NB0

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

4 Way Cassette

INDOOR				MT06R.NR0	MT08R.NR0	CT09F.NR0
Capacity	Cooling / Heating	Nom.	kW	1.5 / 1.7	2.1 / 2.3	2.5 / 3.2
Power Input		Nom.	W	20	20	22
Running Current		Nom.	A	0.40	0.40	0.40
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	7.5 / 6.0 / 5.0	7.5 / 6.0 / 5.0	8.5 / 7.0 / 6.0
Sound Pressure*	Cooling	H / M / L	dB(A)	31 / 27 / 24	31 / 27 / 24	36 / 33 / 30
Sound Power	Cooling	Max.	dB(A)	48	48	52
Dehumidification Rate			l/h	-	-	0.9
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
Net Weight	Body		kg	11.7	11.7	12.4
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color			Morning Fog (9001)	Morning Fog (9001)	White (9003)
	Dimensions	W x H x D	mm	620 x 34 x 620	620 x 34 x 620	620 x 35 x 620
	Weight		kg	3	3	2.9
ACCESSORIES & OTHERS						
Commercial Single Split Compatible				-	-	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit				-	-	-
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

INDOOR				CT12F.NR0	CT18F.NQ0	CT24F.NB0
Capacity	Cooling / Heating	Nom.	kW	3.4 / 4.1	5.0 / 5.7	6.8 / 7.5
Power Input		Nom.	W	24	26	26
Running Current		Nom.	A	0.40	0.40	0.60
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 35 / 32	41 / 39 / 39	38 / 36 / 34
Sound Power	Cooling	Max.	dB(A)	52	57	53
Dehumidification Rate			l/h	1.4	2.0	2.7
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net Weight	Body		kg	12.4	13.9	21.1
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-AAGW0
	Color			White (9003)	White (9003)	White (9003)
	Dimensions	W x H x D	mm	620 x 35 x 620	620 x 35 x 620	950 x 35 x 950
	Weight		kg	2.9	2.9	7.1
ACCESSORIES & OTHERS						
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	Y
Air Purification Kit				-	-	Y
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ Dual vane is applied to 24 k
※ This product contains Fluorinated greenhouse gases. (R32)
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Compact Size of Indoor Unit

Slim & Compact design of low-static ducts being easy to carry, it makes it an ideal solution for installation in a limited space, saving labor cost for installation and maintenance.



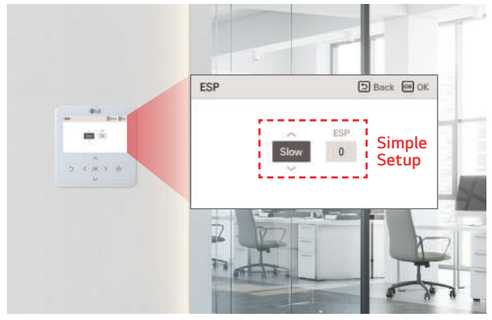
COOLING CAPA. (kW)	BODY (W x H x D, mm)	WEIGHT (kg)
2.6	900 x 190 x 460	18.0
3.5	900 x 190 x 460	18.0
5.3	1,100 x 190 x 460	20.9
7.0	1,100 x 190 x 700	26.0

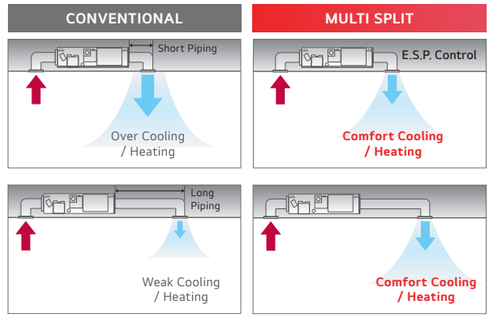
* Based on low pressure duct

E.S.P. (External Static Pressure) Control

E.S.P. control function enables to control air volume easily with a remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure.

Set RPM by simple touch on remote control to change the airflow.





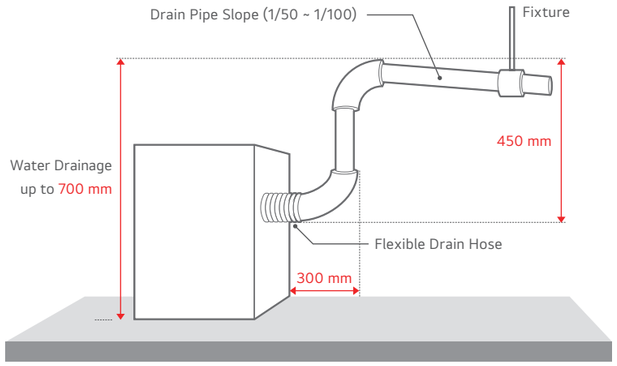
※ ESP setting guide (Wired Remote Controller) :
- Standard III (PREMTB101/B11) : Menu → Setting → Installer → ESP setting
- Standard II (PREMTB001/B01) : Button click → 03 : XX → ESP setting

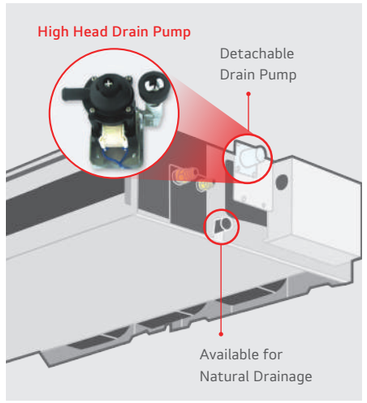
※ Wired remote controller is necessary.

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High Head Drain Pump

High head drain pump automatically drains water up to 700 mm of drain-head height.
It provides a perfect solution for water drainage.

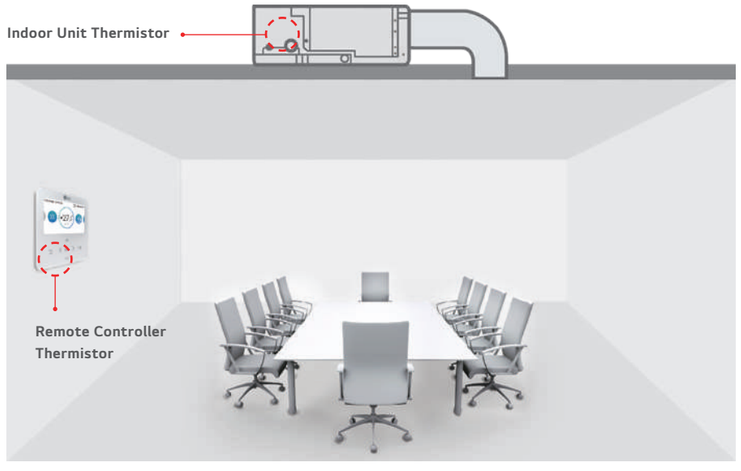




※ Mid-static duct : Accessory (ABDPG) / Low-static duct : Included

Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. Two thermistors check indoor air temperature and select the optimal temperature for a more comfortable environment.



Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.

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kBtu/H	5	7	9	12	15	18	24	30
kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0	8.8
Mid Static Pressure	-	-	-	-	-	○◎ CM18F.NA0	○◎ CM24F.NA0	○◎ UM30F.NA0

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

Duct (Mid Static)

INDOOR				CM18F.NA0	CM24F.NA0	UM30F.NA0
Capacity	Cooling	Nom.	kW	5.0	6.8	7.5
	Heating	Nom.	kW	5.5	7.5	9.0
Power Input		H / M / L	kW	70 / 60 / 50	100 / 70 / 60	125 / 85 / 70
Running Current		H / M / L	A	0.52 / 0.43 / 0.39	0.72 / 0.52 / 0.43	1.00 / 0.83 / 0.76
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		Nom.	m^3/min	12	15	16
Sound Pressure*	Cooling / Heating	H / M / L		38 / 33 / 30	36 / 32 / 29	38 / 33 / 30
Sound Power		Rated		60.0	62.0	65.0
Dimensions		W x H x D	mm	900 x 245 x 700	900 x 245 x 700	900 x 245 x 700
Net Weight			kg	24.7	24.7	29.1
Piping Connections	Liquid Side		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
External Static Pressure			Pa	58.8	58.8	58.8
ACCESSORIES & OTHERS						
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit (UVnano Filter Box)				Y	Y	Y
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0
Low Static Pressure	-	-	○◎ CL09F.N50	○◎ CL12F.N50	-	○◎ CL18F.N60	-

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

Duct (Low Static)

INDOOR				CL09F.N50	CL12F.N50	CL18F.N60
Capacity	Cooling / Heating	Nom.	kW	2.5 / 3.2	3.4 / 4.0	5.0 / 5.8
Power Input		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80
Running Current		H / M / L	A	0.21 / 0.16 / 0.14	0.21 / 0.16 / 0.14	0.43 / 0.39 / 0.34
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	11.5 / 9.5 / 8.0	11.5 / 9.5 / 8.0	15.0 / 12.0 / 10.0
Sound Pressure*		H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29
Sound Power Level		Rated	dB(A)	55	55	56
Dehumidification Rate			l/h	0.5	0.9	1.7
Dimensions		W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460
Net Weight			kg	18.0	18.0	20.9
Piping Connections	Liquid Side		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
External Static Pressure	Min. ~ Max.		Pa (mmAq)	0 ~ 5 (0 ~ 50)	0 ~ 5 (0 ~ 50)	0 ~ 5 (0 ~ 50)
ACCESSORIES & OTHERS						
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit (UVnano Filter Box)				Y	Y	Y
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

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CEILING CONCEALED DUCT

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.4	5.3	7.0
Low Static Pressure	-	-	-	-	-	-	○◎ CL24F.N30

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

Duct (Low Static)

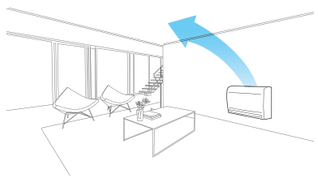
INDOOR				CL24F.N30
Capacity	Cooling / Heating	Nom.	kW	6.8 / 7.5
Power Input		H / M / L	W	150 / 130 / 110
Running Current		H / M / L	A	0.65 / 0.56 / 0.47
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	20.0 / 16.0 / 12.0
Sound Pressure*		H / M / L	dB(A)	39 / 35 / 32
Sound Power Level		Rated	dB(A)	58
Dehumidification Rate			l/h	2.5
Dimensions		W x H x D	mm	1,100 x 190 x 700
Net Weight			kg	26.0
Piping Connections	Liquid Side		mm (inch)	Ø9.52 (3/8)
	Gas Side		mm (inch)	Ø15.88 (5/8)
External Static Pressure	Min. ~ Max.		Pa (mmAq)	0 ~ 5 (0 ~ 50)
ACCESSORIES & OTHERS				
Commercial Single Split Compatible				Y
Dual Vane Cassette Panel				-
Air Purification Kit (UVnano Filter Box)				Y
Dry Contact				Y
Wireless or Wired Remote Controller				Y
ThinQ (Wi-Fi)				Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases. (R32)
※ Y : Available or Applied / - : Not Available or Not Applied
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

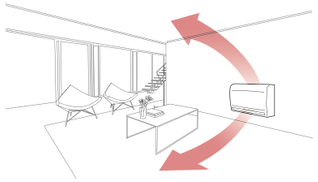
Optimized Air Flow for Cooling & Heating

During cooling operation, the vane adjusts upwards to direct air flow toward the ceiling. During heating operation, the vane directs the air flow toward the floor to balance out the room temperature. A wireless controller is included with the indoor console unit.

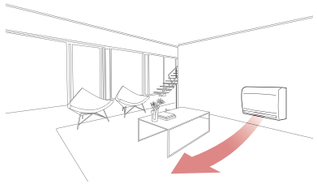
Horizontal



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

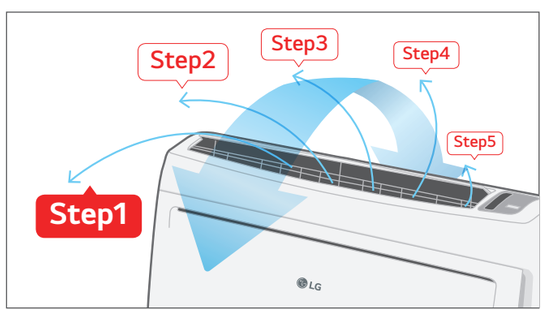
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating and help to reach the desired temperature quickly.

		Company A	Electric Heater	LG	LG Floor Heating Mode
		27°C			
	Vertical				
	Horizontal				
		15°C			
Lead Time for Heating (13°C ~ 21°C)		12 minutes 30 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

※ Test Condition : Target Temp 23°C, Indoor Room : 13°C~, Outdoor Room : 7°C

5-step Vane Control

There are 5 different stages to control air flow direction.



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※ Specifications may vary by each model or IDU / ODU combination.

R32 R410A





EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification : www.eurovent-certification.com

kBtu/H	9	12	18
kW	2.6	3.5	5.3
Console	○◎ UQ09F.NA0	○◎ UQ12F.NA0	○◎ UQ18F.NA0

● Multi Only ○● Compatible with Residential Single Split ○◎ Compatible with Commercial Single Split

Console

R32, R410A

INDOOR				UQ09F.NA0	UQ12F.NA0	UQ18F.NA0
Capacity	Cooling / Heating	Nom.	kW	2.6 / 3.1	3.5 / 4.0	5.0 / 4.9
Power Input		Nom.	W	30	30	39
Running Current		Nom.	A	0.5	0.5	0.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Air Flow Rate		H / M / L	m^3/min	8.5 / 6.7 / 5.0	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max.	dB(A)	59	59	60
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Net Weight	Body		kg	16.3	16.3	16.3
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
ACCESSORIES & OTHERS						
Commercial Single Split Compatible				Y	Y	Y
Dual Vane Cassette Panel				-	-	-
Air Purification Kit (UVnano Filter Box)				-	-	-
Dry Contact				Y	Y	Y
Wireless or Wired Remote Controller				Y	Y	Y
ThinQ (Wi-Fi)				Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains fluorinated greenhouse gases. (R32/R410A)
※ Y : Available or Applied / - : Not Available or Not Applied
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R32

MU2R15

COOLING														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	6,000	1.76	10,000	2.93	11,500	3.37	414	682	889
	5	7	-	-	12	7,200	2.11	12,000	3.52	13,800	4.04	486	833	1,106
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	7	9	-	-	16	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	5	12	-	-	17	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	9	9	-	-	18	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	7	12	-	-	19	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	9	12	-	-	21	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376

HEATING														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	6,600	1.93	11,000	3.22	12,100	3.55	408	706	854
	5	7	-	-	12	7,920	2.32	13,200	3.87	14,520	4.26	498	872	1,066
	5	9	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	7	7	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	7	9	-	-	16	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	5	12	-	-	17	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	9	9	-	-	18	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	7	12	-	-	19	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433
	9	12	-	-	21	9,600	2.81	16,000	4.69	18,400	5.39	613	1,068	1,433

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R32

MU2R17

COOLING														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	6,000	1.76	10,000	2.93	11,500	3.37	414	682	889
	5	7	-	-	12	7,200	2.11	12,000	3.52	13,800	4.04	486	833	1,058
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,100	4.72	583	988	1,376
	7	9	-	-	16	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	5	12	-	-	17	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	9	9	-	-	18	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	7	12	-	-	19	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	5	15	-	-	20	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	9	12	-	-	21	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	7	15	-	-	22	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	9	15	-	-	24	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699
	12	12	-	-	24	9,600	2.81	16,000	4.69	18,400	5.39	657	1,251	1,699

HEATING														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	6,600	1.93	11,000	3.22	12,100	3.55	408	706	854
	5	7	-	-	12	7,920	2.32	13,200	3.87	14,520	4.26	498	872	1,066
	5	9	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	613	1,066	1,433
	7	7	-	-	14	9,600	2.81	16,000	4.69	18,400	5.39	613	1,066	1,433
	7	9	-	-	16	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	5	12	-	-	17	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	9	9	-	-	18	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	7	12	-	-	19	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	5	15	-	-	20	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	9	12	-	-	21	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	7	15	-	-	22	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	9	15	-	-	24	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633
	12	12	-	-	24	10,800	3.17	18,000	5.28	19,400	5.69	706	1,247	1,633

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R32

MU3R19

COOLING (NEW 18K)														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	7,200	2.11	10,000	2.93	12,000	3.52	350	532	788
	5	7	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	350	669	991
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	9	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	469	991	1,467
	5	12	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	532	1,083	1,603
	9	9	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	7	12	-	-	19	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	5	15	-	-	20	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	9	12	-	-	21	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	7	15	-	-	22	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	5	18	-	-	23	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	9	15	-	-	24	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	12	12	-	-	24	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	7	18	-	-	25	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	9	18	-	-	27	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	12	15	-	-	27	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	12	18	-	-	30	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
	15	15	-	-	30	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	2,040
3 UNIT	5	5	5	-	15	9,000	2.64	15,000	4.40	18,000	5.28	422	837	1,239
	5	5	7	-	17	10,200	2.99	17,000	4.98	20,400	5.98	481	1,013	1,500
	5	5	9	-	19	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	7	7	-	19	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	7	9	-	21	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	7	7	-	21	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	5	12	-	22	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	9	9	-	23	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	7	9	-	23	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	7	12	-	24	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	5	15	-	25	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	9	9	-	25	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	9	12	-	26	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	7	12	-	26	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	7	15	-	27	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	9	9	9	-	27	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	5	18	-	28	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	9	12	-	28	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	9	15	-	29	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	12	12	-	29	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	7	7	15	-	29	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	5	7	18	-	30	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918
	9	9	12	-	30	10,800	3.17	18,000	5.27	21,600	6.33	544	1,111	1,918

Note
1. Capacities are based on the following conditions :
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   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R32

MU3R19

HEATING (NEW 18K)														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	7,200	2.11	12,000	3.52	14,400	4.22	329	598	861
	5	7	-	-	12	8,640	2.53	14,400	4.22	17,280	5.06	430	904	1,301
	5	9	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	7	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	9	-	-	16	11,520	3.38	19,200	5.63	23,040	6.75	540	1,118	1,610
	5	12	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	598	1,319	1,899
	9	9	-	-	18	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	7	12	-	-	19	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	5	15	-	-	20	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	9	12	-	-	21	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	7	15	-	-	22	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	5	18	-	-	23	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	9	15	-	-	24	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	12	12	-	-	24	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	7	18	-	-	25	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	9	18	-	-	27	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	12	15	-	-	27	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	12	18	-	-	30	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
	15	15	-	-	30	12,960	3.80	21,600	6.33	25,000	7.33	660	1,391	2,040
3 UNIT	5	5	5	-	15	10,800	3.17	18,000	5.28	21,600	6.33	497	946	1,363
	5	5	7	-	17	12,240	3.59	20,400	5.98	24,480	7.17	551	1,118	1,610
	5	5	9	-	19	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	7	7	-	19	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	7	9	-	21	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	7	7	-	21	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	5	12	-	22	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	9	9	-	23	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	7	9	-	23	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	7	12	-	24	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	5	15	-	25	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	9	9	-	25	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	9	12	-	26	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	7	12	-	26	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	7	15	-	27	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	9	9	9	-	27	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	5	18	-	28	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	9	12	-	28	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	9	15	-	29	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	12	12	-	29	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	7	7	15	-	29	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	5	7	18	-	30	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823
	9	9	12	-	30	12,960	3.80	21,600	6.33	25,000	7.33	725	1,266	1,823

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU3R21

COOLING														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	7,200	2.11	10,000	2.93	12,000	3.52	350	532	788
	5	7	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	350	669	991
	5	9	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	7	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	408	821	1,215
	7	9	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	469	991	1,467
	5	12	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	532	1,083	1,603
	9	9	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	599	1,182	1,890
	7	12	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	669	1,290	2,064
	5	15	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	669	1,406	2,249
	9	12	-	-	21	12,600	3.69	21,000	6.15	24,150	7.08	743	1,530	2,450
	7	15	-	-	22	12,600	3.69	21,000	6.15	24,150	7.08	743	1,530	2,450
	5	18	-	-	23	12,600	3.69	21,000	6.15	24,150	7.08	743	1,530	2,450
	9	15	-	-	24	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	12	12	-	-	24	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	7	18	-	-	25	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	9	18	-	-	27	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	12	15	-	-	27	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	12	18	-	-	30	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	15	15	-	-	30	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
	15	18	-	-	33	12,600	3.69	21,000	6.15	25,000	7.33	743	1,530	2,450
3 UNIT	5	5	5	-	15	9,000	2.64	15,000	4.40	18,000	5.28	422	837	1,239
	5	5	7	-	17	10,200	2.99	17,000	4.98	20,400	5.98	481	1,013	1,500
	5	5	9	-	19	11,400	3.34	19,000	5.57	22,800	6.68	544	1,212	1,940
	5	7	7	-	19	11,400	3.34	19,000	5.57	22,800	6.68	544	1,212	1,940
	5	7	9	-	21	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	7	7	-	21	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	5	12	-	22	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	9	9	-	23	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	7	9	-	23	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	7	12	-	24	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	5	15	-	25	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	9	9	-	25	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	9	12	-	26	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	7	12	-	26	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	7	15	-	27	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	9	9	9	-	27	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	5	18	-	28	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	9	12	-	28	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	9	15	-	29	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	12	12	-	29	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	7	15	-	29	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	7	18	-	30	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	9	9	12	-	30	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	9	15	-	31	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	12	12	-	31	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	12	15	-	32	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	5	9	18	-	32	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	7	7	18	-	32	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	9	9	15	-	33	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301
	9	12	12	-	33	12,600	3.69	21,000	6.15	25,000	7.33	682	1,438	2,301

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU3R21

HEATING (NEW 21K)														
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)					TOTAL CAPACITY						INPUT(W)		
						MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	10	7,200	2.11	12,000	3.52	14,400	4.22	329	598	861
	5	7	-	-	12	8,640	2.53	14,400	4.22	17,280	5.06	430	904	1,301
	5	9	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	7	-	-	14	10,080	2.95	16,800	4.92	20,160	5.91	484	945	1,360
	7	9	-	-	16	11,520	3.38	19,200	5.63	23,040	6.75	540	1,118	1,610
	5	12	-	-	17	12,240	3.59	20,400	5.98	24,480	7.17	598	1,319	1,899
	9	9	-	-	18	12,960	3.80	21,600	6.33	25,920	7.60	660	1,430	2,059
	7	12	-	-	19	13,680	4.01	22,800	6.68	26,600	7.80	725	1,543	2,221
	5	15	-	-	20	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	9	12	-	-	21	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	7	15	-	-	22	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	5	18	-	-	23	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	9	15	-	-	24	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	12	12	-	-	24	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	7	18	-	-	25	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	9	18	-	-	27	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	12	15	-	-	27	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	12	18	-	-	30	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	15	15	-	-	30	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
	15	18	-	-	33	14,400	4.22	24,000	7.03	26,600	7.80	764	1,662	2,380
3 UNIT	5	5	5	-	15	10,800	3.17	18,000	5.28	21,600	6.33	497	946	1,363
	5	5	7	-	17	12,240	3.59	20,400	5.98	24,480	7.17	551	1,118	1,610
	5	5	9	-	19	13,680	4.01	22,800	6.68	26,600	7.80	725	1,419	2,044
	5	7	7	-	19	13,680	4.01	22,800	6.68	26,600	7.80	725	1,419	2,044
	5	7	9	-	21	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	7	7	-	21	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	5	12	-	22	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	9	9	-	23	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	7	9	-	23	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	7	12	-	24	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	5	15	-	25	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	9	9	-	25	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	9	12	-	26	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	7	12	-	26	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	7	15	-	27	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	9	9	9	-	27	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	5	18	-	28	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	9	12	-	28	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	9	15	-	29	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	12	12	-	29	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	7	15	-	29	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	7	18	-	30	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	9	9	12	-	30	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	9	15	-	31	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	12	12	-	31	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	12	15	-	32	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	5	9	18	-	32	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	7	7	18	-	32	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	9	9	15	-	33	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202
	9	12	12	-	33	14,400	4.22	24,000	7.03	26,600	7.80	730	1,529	2,202

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R25

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	309	617	926
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	390	780	1,170
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	480	961	1,441
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	480	961	1,441
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	582	1,164	1,745
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	637	1,274	1,911
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	696	1,392	2,088
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	758	1,517	2,275
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	825	1,651	2,476
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	897	1,794	2,691
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	974	1,947	2,921
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	1,040	2,081	3,121
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	29,000	8.50	1,145	2,290	3,435
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	29,000	8.50	1,145	2,290	3,435
	7	18	-	-	-	25	14,400	4.22	24,000	7.03	29,000	8.50	1,125	2,249	3,435
	9	18	-	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	1,118	2,236	3,435
	12	15	-	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	1,135	2,269	3,435
	5	24	-	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	1,106	2,212	3,435
	12	18	-	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	1,108	2,216	3,435
	15	15	-	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	1,125	2,249	3,435
	7	24	-	-	-	31	14,400	4.22	24,000	7.03	29,000	8.50	1,099	2,199	3,435
	15	18	-	-	-	33	14,400	4.22	24,000	7.03	29,000	8.50	1,098	2,197	3,435
	12	24	-	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	1,083	2,167	3,435
	18	18	-	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	1,073	2,146	3,435
	15	24	-	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	1,074	2,148	3,435
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	455	911	1,366
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	548	1,096	1,644
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	652	1,305	1,957
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	652	1,305	1,957
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	771	1,543	2,314
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	771	1,543	2,314
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	837	1,674	2,512
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	908	1,816	2,724
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	908	1,816	2,724
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	29,000	8.50	985	1,969	2,954
	5	5	15	-	-	25	14,400	4.22	24,000	7.03	29,000	8.50	982	1,963	2,954
	7	9	9	-	-	25	14,400	4.22	24,000	7.03	29,000	8.50	982	1,963	2,954
	5	9	12	-	-	26	14,400	4.22	24,000	7.03	29,000	8.50	979	1,957	2,954
	7	7	12	-	-	26	14,400	4.22	24,000	7.03	29,000	8.50	979	1,957	2,954
	5	7	15	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	976	1,952	2,954
	9	9	9	-	-	27	14,400	4.22	24,000	7.03	29,000	8.50	976	1,952	2,954
	5	5	18	-	-	28	14,400	4.22	24,000	7.03	29,000	8.50	973	1,946	2,954
	7	9	12	-	-	28	14,400	4.22	24,000	7.03	29,000	8.50	973	1,946	2,954
	5	9	15	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	970	1,940	2,954
	5	12	12	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	970	1,940	2,954
	7	7	15	-	-	29	14,400	4.22	24,000	7.03	29,000	8.50	970	1,940	2,954
	5	7	18	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	953	1,906	2,954
	9	9	12	-	-	30	14,400	4.22	24,000	7.03	29,000	8.50	967	1,934	2,954
	7	9	15	-	-	31	14,400	4.22	24,000	7.03	29,000	8.50	964	1,929	2,954
	7	12	12	-	-	31	14,400	4.22	24,000	7.03	29,000	8.50	964	1,929	2,954
	5	12	15	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	962	1,923	2,954
	5	9	18	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	947	1,895	2,954
	7	7	18	-	-	32	14,400	4.22	24,000	7.03	29,000	8.50	947	1,895	2,954
	9	9	15	-	-	33	14,400	4.22	24,000	7.03	29,000	8.50	959	1,917	2,954
	9	12	12	-	-	33	14,400	4.22	24,000	7.03	29,000	8.50	959	1,917	2,954
	5	5	24	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	937	1,874	2,954
	7	9	18	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	942	1,884	2,954
	7	12	15	-	-	34	14,400	4.22	24,000	7.03	29,000	8.50	956	1,912	2,954
	5	12	18	-	-	35	14,400	4.22	24,000	7.03	29,000	8.50	939	1,878	2,954
	5	15	15	-	-	35	14,400	4.22	24,000	7.03	29,000	8.50	939	1,878	2,954
	5	7	24	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	932	1,864	2,954
	9	12	15	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	950	1,901	2,954
	12	12	12	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	950	1,901	2,954
	9	9	18	-	-	36	14,400	4.22	24,000	7.03	29,000	8.50	936	1,873	2,954
	7	12	18	-	-	37	14,400	4.22	24,000	7.03	29,000	8.50	934	1,867	2,954
	7	15	15	-	-	37	14,400	4.22	24,000	7.03	29,000	8.50	948	1,895	2,954
	5	9	24	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	926	1,853	2,954
	5	15	18	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	931	1,862	2,954
	7	7	24	-	-	38	14,400	4.22	24,000	7.03	29,000	8.50	926	1,853	2,954
	9	12	18	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	928	1,857	2,954
	9	15	15	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	942	1,884	2,954
	12	12	15	-	-	39	14,400	4.22	24,000	7.03	29,000	8.50	942	1,884	2,954

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R25

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	715	1,431	2,146
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	26,400	7.74	787	1,574	2,361
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	29,000	8.50	926	1,851	2,777
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	29,000	8.50	926	1,851	2,777
	5	5	7	9	-	26	14,400	4.22	24,000	7.03	29,000	8.50	920	1,840	2,777
	5	7	7	7	-	26	14,400	4.22	24,000	7.03	29,000	8.50	920	1,840	2,777
	5	5	5	12	-	27	14,400	4.22	24,000	7.03	29,000	8.50	917	1,835	2,777
	5	5	9	9	-	28	14,400	4.22	24,000	7.03	29,000	8.50	915	1,829	2,777
	5	7	7	9	-	28	14,400	4.22	24,000	7.03	29,000	8.50	915	1,829	2,777
	7	7	7	7	-	28	14,400	4.22	24,000	7.03	29,000	8.50	915	1,829	2,777
	5	5	7	12	-	29	14,400	4.22	24,000	7.03	29,000	8.50	912	1,824	2,777
	5	5	5	15	-	30	14,400	4.22	24,000	7.03	29,000	8.50	909	1,818	2,777
	5	7	9	9	-	30	14,400	4.22	24,000	7.03	29,000	8.50	909	1,818	2,777
	7	7	7	9	-	30	14,400	4.22	24,000	7.03	29,000	8.50	909	1,818	2,777
	5	5	9	12	-	31	14,400	4.22	24,000	7.03	29,000	8.50	906	1,813	2,777
	5	7	7	12	-	31	14,400	4.22	24,000	7.03	29,000	8.50	906	1,813	2,777
	5	5	7	15	-	32	14,400	4.22	24,000	7.03	29,000	8.50	904	1,808	2,777
	7	7	9	9	-	32	14,400	4.22	24,000	7.03	29,000	8.50	904	1,808	2,777
	5	5	5	18	-	33	14,400	4.22	24,000	7.03	29,000	8.50	888	1,776	2,777
	5	7	9	12	-	33	14,400	4.22	24,000	7.03	29,000	8.50	901	1,802	2,777
	7	7	7	12	-	33	14,400	4.22	24,000	7.03	29,000	8.50	901	1,802	2,777
	5	5	9	15	-	34	14,400	4.22	24,000	7.03	29,000	8.50	899	1,797	2,777
	5	5	12	12	-	34	14,400	4.22	24,000	7.03	29,000	8.50	899	1,797	2,777
	5	7	7	15	-	34	14,400	4.22	24,000	7.03	29,000	8.50	899	1,797	2,777
	7	9	9	9	-	34	14,400	4.22	24,000	7.03	29,000	8.50	899	1,797	2,777
	5	5	7	18	-	35	14,400	4.22	24,000	7.03	29,000	8.50	896	1,792	2,777
	5	9	9	12	-	35	14,400	4.22	24,000	7.03	29,000	8.50	896	1,792	2,777
	7	7	9	12	-	35	14,400	4.22	24,000	7.03	29,000	8.50	896	1,792	2,777
	5	7	9	15	-	36	14,400	4.22	24,000	7.03	29,000	8.50	893	1,787	2,777
	5	7	12	12	-	36	14,400	4.22	24,000	7.03	29,000	8.50	893	1,787	2,777
	7	7	7	15	-	36	14,400	4.22	24,000	7.03	29,000	8.50	893	1,787	2,777
	9	9	9	9	-	36	14,400	4.22	24,000	7.03	29,000	8.50	893	1,787	2,777
	5	5	9	12	-	36	14,400	4.22	24,000	7.03	29,000	8.50	893	1,787	2,777
	5	5	9	18	-	37	14,400	4.22	24,000	7.03	29,000	8.50	878	1,755	2,777
	5	5	12	15	-	37	14,400	4.22	24,000	7.03	29,000	8.50	891	1,782	2,777
	5	7	7	18	-	37	14,400	4.22	24,000	7.03	29,000	8.50	878	1,755	2,777
	7	9	9	12	-	37	14,400	4.22	24,000	7.03	29,000	8.50	891	1,782	2,777
	5	9	9	15	-	38	14,400	4.22	24,000	7.03	29,000	8.50	888	1,776	2,777
	7	7	9	15	-	38	14,400	4.22	24,000	7.03	29,000	8.50	888	1,776	2,777
	7	7	12	12	-	38	14,400	4.22	24,000	7.03	29,000	8.50	888	1,776	2,777
	5	5	5	24	-	39	14,400	4.22	24,000	7.03	29,000	8.50	868	1,737	2,777
	5	7	9	18	-	39	14,400	4.22	24,000	7.03	29,000	8.50	873	1,745	2,777
	5	7	12	15	-	39	14,400	4.22	24,000	7.03	29,000	8.50	886	1,771	2,777
	9	9	9	12	-	39	14,400	4.22	24,000	7.03	29,000	8.50	886	1,771	2,777
	7	7	7	18	-	39	14,400	4.22	24,000	7.03	29,000	8.50	873	1,745	2,777

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R25

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,900	2.02	11,500	3.37	13,225	3.88	353	706	1,059
	5	7	-	-	-	12	8,280	2.43	13,800	4.04	15,870	4.65	442	884	1,326
	5	9	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	539	1,077	1,616
	7	7	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	539	1,077	1,616
	7	9	-	-	-	16	11,040	3.24	18,400	5.39	21,160	6.20	645	1,289	1,934
	5	12	-	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	701	1,403	2,104
	9	9	-	-	-	18	12,420	3.64	20,700	6.07	23,805	6.98	761	1,522	2,283
	7	12	-	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	824	1,647	2,471
	5	15	-	-	-	20	13,800	4.04	23,000	6.74	26,450	7.75	890	1,779	2,669
	9	12	-	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	959	1,918	2,877
	7	15	-	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	1,032	2,064	3,096
	5	18	-	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	1,093	2,186	3,279
	9	15	-	-	-	24	16,560	4.85	27,600	8.09	31,000	9.09	1,191	2,382	3,350
	12	12	-	-	-	24	16,560	4.85	27,600	8.09	31,000	9.09	1,191	2,382	3,350
	7	18	-	-	-	25	16,560	4.85	27,600	8.09	31,000	9.09	1,170	2,340	3,350
	9	18	-	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	1,163	2,326	3,350
	12	15	-	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	1,181	2,361	3,350
	5	24	-	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	1,151	2,301	3,350
	12	18	-	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	1,153	2,306	3,350
	15	15	-	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	1,170	2,340	3,350
	7	24	-	-	-	31	16,560	4.85	27,600	8.09	31,000	9.09	1,144	2,288	3,350
	15	18	-	-	-	33	16,560	4.85	27,600	8.09	31,000	9.09	1,137	2,274	3,350
	12	24	-	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	1,127	2,255	3,350
	18	18	-	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	1,116	2,233	3,350
	15	24	-	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	1,118	2,235	3,350
3 UNIT	5	5	5	-	-	15	10,350	3.03	17,250	5.06	19,838	5.81	508	1,016	1,523
	5	5	7	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	603	1,206	1,810
	5	5	9	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	708	1,417	2,125
	5	7	7	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	708	1,417	2,125
	5	7	9	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	825	1,649	2,474
	7	7	7	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	825	1,649	2,474
	5	5	12	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	888	1,775	2,663
	5	9	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	954	1,908	2,862
	7	7	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	954	1,908	2,862
	5	7	12	-	-	24	16,560	4.85	27,600	8.09	31,000	9.09	1,024	2,049	3,020
	5	5	15	-	-	25	16,560	4.85	27,600	8.09	31,000	9.09	1,021	2,043	3,020
	7	9	9	-	-	25	16,560	4.85	27,600	8.09	31,000	9.09	1,021	2,043	3,020
	5	9	12	-	-	26	16,560	4.85	27,600	8.09	31,000	9.09	1,018	2,037	3,020
	7	7	12	-	-	26	16,560	4.85	27,600	8.09	31,000	9.09	1,018	2,037	3,020
	5	7	15	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	1,015	2,031	3,020
	9	9	9	-	-	27	16,560	4.85	27,600	8.09	31,000	9.09	1,015	2,031	3,020
	5	5	18	-	-	28	16,560	4.85	27,600	8.09	31,000	9.09	997	1,995	3,020
	7	9	12	-	-	28	16,560	4.85	27,600	8.09	31,000	9.09	1,012	2,025	3,020
	5	9	15	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	1,009	2,019	3,020
	5	12	12	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	1,009	2,019	3,020
	7	7	15	-	-	29	16,560	4.85	27,600	8.09	31,000	9.09	1,009	2,019	3,020
	5	7	18	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	991	1,983	3,020
	9	9	12	-	-	30	16,560	4.85	27,600	8.09	31,000	9.09	1,006	2,013	3,020
	7	9	15	-	-	31	16,560	4.85	27,600	8.09	31,000	9.09	1,003	2,007	3,020
	7	12	12	-	-	31	16,560	4.85	27,600	8.09	31,000	9.09	1,003	2,007	3,020
	5	12	15	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	1,000	2,001	3,020
	5	9	18	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	986	1,971	3,020
	7	7	18	-	-	32	16,560	4.85	27,600	8.09	31,000	9.09	986	1,971	3,020
	9	9	15	-	-	33	16,560	4.85	27,600	8.09	31,000	9.09	998	1,995	3,020
	9	12	12	-	-	33	16,560	4.85	27,600	8.09	31,000	9.09	998	1,995	3,020
	5	5	24	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	975	1,950	3,020
	7	9	18	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	980	1,960	3,020
	7	12	15	-	-	34	16,560	4.85	27,600	8.09	31,000	9.09	995	1,989	3,020
	5	12	18	-	-	35	16,560	4.85	27,600	8.09	31,000	9.09	977	1,954	3,020
	5	15	15	-	-	35	16,560	4.85	27,600	8.09	31,000	9.09	992	1,983	3,020
	5	7	24	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	969	1,939	3,020
	9	12	15	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	989	1,978	3,020
	12	12	12	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	989	1,978	3,020
	9	9	18	-	-	36	16,560	4.85	27,600	8.09	31,000	9.09	974	1,948	3,020
	7	12	18	-	-	37	16,560	4.85	27,600	8.09	31,000	9.09	971	1,943	3,020
	7	15	15	-	-	37	16,560	4.85	27,600	8.09	31,000	9.09	986	1,972	3,020
	5	9	24	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	964	1,928	3,020
	5	15	18	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	969	1,937	3,020
	7	7	24	-	-	38	16,560	4.85	27,600	8.09	31,000	9.09	964	1,928	3,020
	9	12	18	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	966	1,932	3,020
	9	15	15	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	980	1,961	3,020
	12	12	15	-	-	39	16,560	4.85	27,600	8.09	31,000	9.09	980	1,961	3,020

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R25

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	13,800	4.04	23,000	6.74	26,450	7.75	719	1,438	2,157
	5	5	5	7	-	22	15,180	4.45	25,300	7.42	29,095	8.53	834	1,669	2,503
	5	5	5	9	-	24	16,560	4.85	27,600	8.09	31,000	9.30	963	1,926	2,830
	5	5	7	7	-	24	16,560	4.85	27,600	8.09	31,000	9.30	963	1,926	2,830
	5	5	7	9	-	26	16,560	4.85	27,600	8.09	31,000	9.30	957	1,914	2,830
	5	7	7	7	-	26	16,560	4.85	27,600	8.09	31,000	9.30	957	1,914	2,830
	5	5	5	12	-	27	16,560	4.85	27,600	8.09	31,000	9.30	954	1,909	2,830
	5	5	9	9	-	28	16,560	4.85	27,600	8.09	31,000	9.30	952	1,903	2,830
	5	7	7	9	-	28	16,560	4.85	27,600	8.09	31,000	9.30	952	1,903	2,830
	7	7	7	7	-	28	16,560	4.85	27,600	8.09	31,000	9.30	952	1,903	2,830
	5	5	7	12	-	29	16,560	4.85	27,600	8.09	31,000	9.30	935	1,869	2,830
	5	5	5	15	-	30	16,560	4.85	27,600	8.09	31,000	9.30	946	1,892	2,830
	5	7	9	9	-	30	16,560	4.85	27,600	8.09	31,000	9.30	946	1,892	2,830
	7	7	7	9	-	30	16,560	4.85	27,600	8.09	31,000	9.30	946	1,892	2,830
	5	5	9	12	-	31	16,560	4.85	27,600	8.09	31,000	9.30	943	1,886	2,830
	5	7	7	12	-	31	16,560	4.85	27,600	8.09	31,000	9.30	943	1,886	2,830
	5	5	7	15	-	32	16,560	4.85	27,600	8.09	31,000	9.30	940	1,881	2,830
	7	7	9	9	-	32	16,560	4.85	27,600	8.09	31,000	9.30	940	1,881	2,830
	5	5	5	18	-	33	16,560	4.85	27,600	8.09	31,000	9.30	924	1,848	2,830
	5	7	9	12	-	33	16,560	4.85	27,600	8.09	31,000	9.30	938	1,875	2,830
	7	7	7	12	-	33	16,560	4.85	27,600	8.09	31,000	9.30	938	1,875	2,830
	5	5	9	15	-	34	16,560	4.85	27,600	8.09	31,000	9.30	935	1,870	2,830
	5	5	12	12	-	34	16,560	4.85	27,600	8.09	31,000	9.30	935	1,870	2,830
	5	7	7	15	-	34	16,560	4.85	27,600	8.09	31,000	9.30	935	1,870	2,830
	7	9	9	9	-	34	16,560	4.85	27,600	8.09	31,000	9.30	935	1,870	2,830
	5	5	7	18	-	35	16,560	4.85	27,600	8.09	31,000	9.30	918	1,837	2,830
	5	9	9	12	-	35	16,560	4.85	27,600	8.09	31,000	9.30	932	1,864	2,830
	7	7	9	12	-	35	16,560	4.85	27,600	8.09	31,000	9.30	932	1,864	2,830
	5	7	9	15	-	36	16,560	4.85	27,600	8.09	31,000	9.30	930	1,859	2,830
	5	7	12	12	-	36	16,560	4.85	27,600	8.09	31,000	9.30	930	1,859	2,830
	7	7	7	15	-	36	16,560	4.85	27,600	8.09	31,000	9.30	930	1,859	2,830
	9	9	9	9	-	36	16,560	4.85	27,600	8.09	31,000	9.30	930	1,859	2,830
	5	5	9	18	-	37	16,560	4.85	27,600	8.09	31,000	9.30	913	1,826	2,830
	5	5	12	15	-	37	16,560	4.85	27,600	8.09	31,000	9.30	927	1,854	2,830
	5	7	7	18	-	37	16,560	4.85	27,600	8.09	31,000	9.30	913	1,826	2,830
	7	9	9	12	-	37	16,560	4.85	27,600	8.09	31,000	9.30	927	1,854	2,830
	5	9	9	15	-	38	16,560	4.85	27,600	8.09	31,000	9.30	924	1,848	2,830
	7	7	9	15	-	38	16,560	4.85	27,600	8.09	31,000	9.30	924	1,848	2,830
	7	7	12	12	-	38	16,560	4.85	27,600	8.09	31,000	9.30	924	1,848	2,830
	5	5	5	24	-	39	16,560	4.85	27,600	8.09	31,000	9.30	903	1,807	2,830
	5	7	9	18	-	39	16,560	4.85	27,600	8.09	31,000	9.30	908	1,816	2,830
	5	7	12	15	-	39	16,560	4.85	27,600	8.09	31,000	9.30	922	1,843	2,830
	9	9	9	12	-	39	16,560	4.85	27,600	8.09	31,000	9.30	922	1,843	2,830
	7	7	7	18	-	39	16,560	4.85	27,600	8.09	31,000	9.30	908	1,816	2,830

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R27

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	309	617	926
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	390	780	1,170
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	480	961	1,441
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	480	961	1,441
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	582	1,164	1,745
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	637	1,274	1,911
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	696	1,392	2,088
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	758	1,517	2,275
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	825	1,651	2,476
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	897	1,794	2,691
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	974	1,947	2,921
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	1,040	2,081	3,121
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	1,145	2,290	3,435
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	1,145	2,290	3,435
	7	18	-	-	-	25	15,000	4.40	25,000	7.33	28,800	8.44	1,259	2,518	3,435
	9	18	-	-	-	27	16,200	4.75	27,000	7.91	28,800	8.44	1,440	2,879	3,435
	12	15	-	-	-	27	16,200	4.75	27,000	7.91	28,800	8.44	1,440	2,879	3,435
	5	24	-	-	-	29	16,200	4.75	27,000	7.91	28,800	8.44	1,403	2,806	3,435
	12	18	-	-	-	30	16,200	4.75	27,000	7.91	28,800	8.44	1,406	2,811	3,435
	15	15	-	-	-	30	16,200	4.75	27,000	7.91	28,800	8.44	1,427	2,853	3,435
	7	24	-	-	-	31	16,200	4.75	27,000	7.91	28,800	8.44	1,395	2,789	3,435
	15	18	-	-	-	33	16,200	4.75	27,000	7.91	28,800	8.44	1,393	2,786	3,435
	12	24	-	-	-	36	16,200	4.75	27,000	7.91	28,800	8.44	1,374	2,748	3,435
	18	18	-	-	-	36	16,200	4.75	27,000	7.91	28,800	8.44	1,361	2,722	3,435
	15	24	-	-	-	39	16,200	4.75	27,000	7.91	28,800	8.44	1,362	2,725	3,435
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	455	911	1,366
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	548	1,096	1,644
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	652	1,305	1,957
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	652	1,305	1,957
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	771	1,543	2,314
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	771	1,543	2,314
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	837	1,674	2,512
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	908	1,816	2,724
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	908	1,816	2,724
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	985	1,969	2,954
	5	5	15	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	1,065	2,130	3,195
	7	9	9	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	1,065	2,130	3,195
	5	9	12	-	-	26	15,600	4.57	26,000	7.62	30,700	9.00	1,148	2,295	3,397
	7	7	12	-	-	26	15,600	4.57	26,000	7.62	30,700	9.00	1,148	2,295	3,397
	5	7	15	-	-	27	16,200	4.75	27,000	7.91	30,700	9.00	1,238	2,476	3,397
	9	9	9	-	-	27	16,200	4.75	27,000	7.91	30,700	9.00	1,238	2,476	3,397
	5	5	18	-	-	28	16,200	4.75	27,000	7.91	30,700	9.00	1,216	2,432	3,397
	7	9	12	-	-	28	16,200	4.75	27,000	7.91	30,700	9.00	1,234	2,469	3,397
	5	9	15	-	-	29	16,200	4.75	27,000	7.91	30,700	9.00	1,231	2,461	3,397
	5	12	12	-	-	29	16,200	4.75	27,000	7.91	30,700	9.00	1,231	2,461	3,397
	7	7	15	-	-	29	16,200	4.75	27,000	7.91	30,700	9.00	1,231	2,461	3,397
	5	7	18	-	-	30	16,200	4.75	27,000	7.91	30,700	9.00	1,209	2,418	3,397
	9	9	12	-	-	30	16,200	4.75	27,000	7.91	30,700	9.00	1,227	2,454	3,397
	7	9	15	-	-	31	16,200	4.75	27,000	7.91	30,700	9.00	1,223	2,447	3,397
	7	12	12	-	-	31	16,200	4.75	27,000	7.91	30,700	9.00	1,223	2,447	3,397
	5	12	15	-	-	32	16,200	4.75	27,000	7.91	30,700	9.00	1,220	2,439	3,397
	5	9	18	-	-	32	16,200	4.75	27,000	7.91	30,700	9.00	1,202	2,403	3,397
	7	7	18	-	-	32	16,200	4.75	27,000	7.91	30,700	9.00	1,202	2,403	3,397
	9	9	15	-	-	33	16,200	4.75	27,000	7.91	30,700	9.00	1,216	2,432	3,397
	9	12	12	-	-	33	16,200	4.75	27,000	7.91	30,700	9.00	1,216	2,432	3,397
	5	5	24	-	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,189	2,378	3,397
	7	9	18	-	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,195	2,389	3,397
	7	12	15	-	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,213	2,425	3,397
	5	12	18	-	-	35	16,200	4.75	27,000	7.91	30,700	9.00	1,209	2,418	3,397
	5	15	15	-	-	35	16,200	4.75	27,000	7.91	30,700	9.00	1,209	2,418	3,397
	5	7	24	-	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,182	2,364	3,397
	9	12	15	-	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,205	2,411	3,397
	12	12	12	-	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,205	2,411	3,397
	9	9	18	-	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,188	2,375	3,397
	7	12	18	-	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,184	2,368	3,397
	7	15	15	-	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,202	2,404	3,397
	5	9	24	-	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,175	2,350	3,397
	5	15	18	-	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,181	2,361	3,397
	7	7	24	-	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,175	2,350	3,397
	9	12	18	-	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,177	2,355	3,397
	9	15	15	-	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,195	2,390	3,397
	12	12	15	-	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,195	2,390	3,397
	7	9	24	-	-	40	16,200	4.75	27,000	7.91	30,700	9.00	1,168	2,336	3,397
	7	15	18	-	-	40	16,200	4.75	27,000	7.91	30,700	9.00	1,174	2,348	3,397
	5	12	24	-	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,165	2,330	3,397
	5	18	18	-	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,153	2,307	3,397

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R27

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	715	1,431	2,146
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	26,400	7.74	787	1,574	2,361
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	28,800	8.44	926	1,851	2,777
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	28,800	8.44	926	1,851	2,777
	5	5	7	9	-	26	15,600	4.57	26,000	7.62	30,700	9.00	1,079	2,159	3,195
	5	7	7	7	-	26	15,600	4.57	26,000	7.62	30,700	9.00	1,079	2,159	3,195
	5	5	5	12	-	27	16,200	4.75	27,000	7.91	30,700	9.00	1,164	2,327	3,195
	5	5	9	9	-	28	16,200	4.75	27,000	7.91	30,700	9.00	1,160	2,320	3,195
	5	7	7	9	-	28	16,200	4.75	27,000	7.91	30,700	9.00	1,160	2,320	3,195
	7	7	7	7	-	28	16,200	4.75	27,000	7.91	30,700	9.00	1,160	2,320	3,195
	5	5	7	12	-	29	16,200	4.75	27,000	7.91	30,700	9.00	1,157	2,314	3,195
	5	5	5	15	-	30	16,200	4.75	27,000	7.91	30,700	9.00	1,153	2,307	3,195
	5	7	9	9	-	30	16,200	4.75	27,000	7.91	30,700	9.00	1,153	2,307	3,195
	7	7	7	9	-	30	16,200	4.75	27,000	7.91	30,700	9.00	1,153	2,307	3,195
	5	5	9	12	-	31	16,200	4.75	27,000	7.91	30,700	9.00	1,150	2,300	3,195
	5	7	7	12	-	31	16,200	4.75	27,000	7.91	30,700	9.00	1,150	2,300	3,195
	5	5	7	15	-	32	16,200	4.75	27,000	7.91	30,700	9.00	1,147	2,293	3,195
	7	7	9	9	-	32	16,200	4.75	27,000	7.91	30,700	9.00	1,147	2,293	3,195
	5	5	5	18	-	33	16,200	4.75	27,000	7.91	30,700	9.00	1,126	2,252	3,195
	5	7	9	12	-	33	16,200	4.75	27,000	7.91	30,700	9.00	1,143	2,286	3,195
	7	7	7	12	-	33	16,200	4.75	27,000	7.91	30,700	9.00	1,143	2,286	3,195
	5	5	9	15	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,140	2,280	3,195
	5	5	12	12	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,140	2,280	3,195
	5	7	7	15	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,140	2,280	3,195
	7	9	9	9	-	34	16,200	4.75	27,000	7.91	30,700	9.00	1,140	2,280	3,195
	5	5	7	18	-	35	16,200	4.75	27,000	7.91	30,700	9.00	1,120	2,239	3,195
	5	9	9	12	-	35	16,200	4.75	27,000	7.91	30,700	9.00	1,136	2,273	3,195
	7	7	9	12	-	35	16,200	4.75	27,000	7.91	30,700	9.00	1,136	2,273	3,195
	5	7	9	15	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,133	2,266	3,195
	5	7	12	12	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,133	2,266	3,195
	7	7	7	15	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,133	2,266	3,195
	9	9	9	9	-	36	16,200	4.75	27,000	7.91	30,700	9.00	1,133	2,266	3,195
	5	5	9	18	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,113	2,226	3,195
	5	5	12	15	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,130	2,260	3,195
	5	7	7	18	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,113	2,226	3,195
	7	9	9	12	-	37	16,200	4.75	27,000	7.91	30,700	9.00	1,130	2,260	3,195
	5	9	9	15	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,127	2,253	3,195
	7	7	9	15	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,127	2,253	3,195
	7	7	12	12	-	38	16,200	4.75	27,000	7.91	30,700	9.00	1,127	2,253	3,195
	5	5	5	24	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,101	2,202	3,195
	5	7	9	18	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,107	2,213	3,195
	5	7	12	15	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,123	2,247	3,195
	9	9	9	12	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,123	2,247	3,195
	7	7	7	18	-	39	16,200	4.75	27,000	7.91	30,700	9.00	1,107	2,213	3,195
	7	9	9	15	-	40	16,200	4.75	27,000	7.91	30,700	9.00	1,120	2,240	3,195
	7	9	12	12	-	40	16,200	4.75	27,000	7.91	30,700	9.00	1,120	2,240	3,195
	5	5	7	24	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,095	2,190	3,195
	5	9	12	15	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,117	2,234	3,195
	5	12	12	12	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,117	2,234	3,195
	7	7	12	15	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,117	2,234	3,195
	7	7	9	18	-	41	16,200	4.75	27,000	7.91	30,700	9.00	1,100	2,201	3,195

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R27

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,900	2.02	11,500	3.37	13,225	3.88	353	706	1,059
	5	7	-	-	-	12	8,280	2.43	13,800	4.04	15,870	4.65	442	884	1,326
	5	9	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	539	1,077	1,616
	7	7	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	539	1,077	1,616
	7	9	-	-	-	16	11,040	3.24	18,400	5.39	21,160	6.20	645	1,289	1,934
	5	12	-	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	701	1,403	2,104
	9	9	-	-	-	18	12,420	3.64	20,700	6.07	23,805	6.98	761	1,522	2,283
	7	12	-	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	824	1,647	2,471
	5	15	-	-	-	20	13,800	4.04	23,000	6.74	26,450	7.75	890	1,779	2,669
	9	12	-	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	959	1,918	2,877
	7	15	-	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	1,032	2,064	3,096
	5	18	-	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	1,093	2,186	3,279
	9	15	-	-	-	24	16,560	4.85	27,600	8.09	31,700	9.29	1,191	2,382	3,574
	12	12	-	-	-	24	16,560	4.85	27,600	8.09	31,700	9.29	1,191	2,382	3,574
	7	18	-	-	-	25	17,250	5.06	28,750	8.43	31,700	9.29	1,265	2,530	3,574
	9	18	-	-	-	27	18,000	5.28	30,000	8.79	31,700	9.29	1,373	2,747	3,574
	12	15	-	-	-	27	18,000	5.28	30,000	8.79	31,700	9.29	1,373	2,747	3,574
	5	24	-	-	-	29	18,000	5.28	30,000	8.79	31,700	9.29	1,338	2,677	3,574
	12	18	-	-	-	30	18,000	5.28	30,000	8.79	31,700	9.29	1,341	2,682	3,574
	15	15	-	-	-	30	18,000	5.28	30,000	8.79	31,700	9.29	1,361	2,722	3,574
	7	24	-	-	-	31	18,000	5.28	30,000	8.79	31,700	9.29	1,330	2,661	3,574
	15	18	-	-	-	33	18,000	5.28	30,000	8.79	31,700	9.29	1,329	2,658	3,574
	12	24	-	-	-	36	18,000	5.28	30,000	8.79	31,700	9.29	1,311	2,622	3,574
	18	18	-	-	-	36	18,000	5.28	30,000	8.79	31,700	9.29	1,298	2,596	3,574
	15	24	-	-	-	39	18,000	5.28	30,000	8.79	31,700	9.29	1,300	2,599	3,574
3 UNIT	5	5	5	-	-	15	10,350	3.03	17,250	5.06	19,838	5.81	508	1,016	1,523
	5	5	7	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	603	1,206	1,810
	5	5	9	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	708	1,417	2,125
	5	7	7	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	708	1,417	2,125
	5	7	9	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	825	1,649	2,474
	7	7	7	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	825	1,649	2,474
	5	5	12	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	888	1,775	2,663
	5	9	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	954	1,908	2,862
	7	7	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	954	1,908	2,862
	5	7	12	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	1,024	2,049	3,073
	5	5	15	-	-	25	17,250	5.06	28,750	8.43	33,000	9.67	1,089	2,177	3,266
	7	9	9	-	-	25	17,250	5.06	28,750	8.43	33,000	9.67	1,089	2,177	3,266
	5	9	12	-	-	26	17,940	5.26	29,900	8.76	33,000	9.67	1,156	2,312	3,266
	7	7	12	-	-	26	17,940	5.26	29,900	8.76	33,000	9.67	1,156	2,312	3,266
	5	7	15	-	-	27	18,000	5.28	30,000	8.79	33,000	9.67	1,181	2,362	3,266
	9	9	9	-	-	27	18,000	5.28	30,000	8.79	33,000	9.67	1,181	2,362	3,266
	5	5	18	-	-	28	18,000	5.28	30,000	8.79	33,000	9.67	1,160	2,320	3,266
	7	9	12	-	-	28	18,000	5.28	30,000	8.79	33,000	9.67	1,177	2,355	3,266
	5	9	15	-	-	29	18,000	5.28	30,000	8.79	33,000	9.67	1,174	2,348	3,266
	5	12	12	-	-	29	18,000	5.28	30,000	8.79	33,000	9.67	1,174	2,348	3,266
	7	7	15	-	-	29	18,000	5.28	30,000	8.79	33,000	9.67	1,174	2,348	3,266
	5	7	18	-	-	30	18,000	5.28	30,000	8.79	33,000	9.67	1,153	2,306	3,266
	9	9	12	-	-	30	18,000	5.28	30,000	8.79	33,000	9.67	1,170	2,341	3,266
	7	9	15	-	-	31	18,000	5.28	30,000	8.79	33,000	9.67	1,167	2,334	3,266
	7	12	12	-	-	31	18,000	5.28	30,000	8.79	33,000	9.67	1,167	2,334	3,266
	5	12	15	-	-	32	18,000	5.28	30,000	8.79	33,000	9.67	1,164	2,327	3,266
	5	9	18	-	-	32	18,000	5.28	30,000	8.79	33,000	9.67	1,146	2,293	3,266
	7	7	18	-	-	32	18,000	5.28	30,000	8.79	33,000	9.67	1,146	2,293	3,266
	9	9	15	-	-	33	18,000	5.28	30,000	8.79	33,000	9.67	1,160	2,320	3,266
	9	12	12	-	-	33	18,000	5.28	30,000	8.79	33,000	9.67	1,160	2,320	3,266
	5	5	24	-	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,134	2,268	3,266
	7	9	18	-	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,140	2,279	3,266
	7	12	15	-	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,157	2,313	3,266
	5	12	18	-	-	35	18,000	5.28	30,000	8.79	33,000	9.67	1,153	2,307	3,266
	5	15	15	-	-	35	18,000	5.28	30,000	8.79	33,000	9.67	1,153	2,307	3,266
	5	7	24	-	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,127	2,255	3,266
	9	12	15	-	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,150	2,300	3,266
	12	12	12	-	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,150	2,300	3,266
	9	9	18	-	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,133	2,266	3,266
	7	12	18	-	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,130	2,259	3,266
	7	15	15	-	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,147	2,293	3,266
	5	9	24	-	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,121	2,242	3,266
	5	15	18	-	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,126	2,253	3,266
	7	7	24	-	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,121	2,242	3,266
	9	12	18	-	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,123	2,246	3,266
	9	15	15	-	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,140	2,280	3,266
	12	12	15	-	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,140	2,280	3,266
	7	9	24	-	-	40	18,000	5.28	30,000	8.79	33,000	9.67	1,114	2,229	3,266
	7	15	18	-	-	40	18,000	5.28	30,000	8.79	33,000	9.67	1,120	2,240	3,266
	5	12	24	-	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,111	2,222	3,266
	5	18	18	-	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,100	2,201	3,266

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU4R27

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	13,800	4.04	23,000	6.74	26,450	7.75	719	1,438	2,157
	5	5	5	7	-	22	15,180	4.45	25,300	7.42	29,095	8.53	834	1,669	2,503
	5	5	5	9	-	24	16,560	4.85	27,600	8.09	31,740	9.30	963	1,926	2,889
	5	5	7	7	-	24	16,560	4.85	27,600	8.09	31,740	9.30	963	1,926	2,889
	5	5	7	9	-	26	17,940	5.26	29,900	8.76	33,000	9.67	1,085	2,169	3,037
	5	7	7	7	-	26	17,940	5.26	29,900	8.76	33,000	9.67	1,085	2,169	3,037
	5	5	5	12	-	27	18,000	5.28	30,000	8.79	33,000	9.67	1,110	2,220	3,037
	5	5	9	9	-	28	18,000	5.28	30,000	8.79	33,000	9.67	1,107	2,214	3,037
	5	7	7	9	-	28	18,000	5.28	30,000	8.79	33,000	9.67	1,107	2,214	3,037
	7	7	7	7	-	28	18,000	5.28	30,000	8.79	33,000	9.67	1,107	2,214	3,037
	5	5	7	12	-	29	18,000	5.28	30,000	8.79	33,000	9.67	1,104	2,207	3,037
	5	5	5	15	-	30	18,000	5.28	30,000	8.79	33,000	9.67	1,100	2,201	3,037
	5	7	9	9	-	30	18,000	5.28	30,000	8.79	33,000	9.67	1,100	2,201	3,037
	7	7	7	9	-	30	18,000	5.28	30,000	8.79	33,000	9.67	1,100	2,201	3,037
	5	5	9	12	-	31	18,000	5.28	30,000	8.79	33,000	9.67	1,097	2,194	3,037
	5	7	7	12	-	31	18,000	5.28	30,000	8.79	33,000	9.67	1,097	2,194	3,037
	5	5	7	15	-	32	18,000	5.28	30,000	8.79	33,000	9.67	1,094	2,188	3,037
	7	7	9	9	-	32	18,000	5.28	30,000	8.79	33,000	9.67	1,094	2,188	3,037
	5	5	5	18	-	33	18,000	5.28	30,000	8.79	33,000	9.67	1,074	2,149	3,037
	5	7	9	12	-	33	18,000	5.28	30,000	8.79	33,000	9.67	1,091	2,181	3,037
	7	7	7	12	-	33	18,000	5.28	30,000	8.79	33,000	9.67	1,091	2,181	3,037
	5	5	9	15	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,087	2,175	3,037
	5	5	12	12	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,087	2,175	3,037
	5	7	7	15	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,087	2,175	3,037
	7	9	9	9	-	34	18,000	5.28	30,000	8.79	33,000	9.67	1,087	2,175	3,037
	5	5	7	18	-	35	18,000	5.28	30,000	8.79	33,000	9.67	1,068	2,136	3,037
	5	9	9	12	-	35	18,000	5.28	30,000	8.79	33,000	9.67	1,084	2,168	3,037
	7	7	9	12	-	35	18,000	5.28	30,000	8.79	33,000	9.67	1,084	2,168	3,037
	5	7	9	15	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,081	2,162	3,037
	5	7	12	12	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,081	2,162	3,037
	7	7	7	15	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,081	2,162	3,037
	9	9	9	9	-	36	18,000	5.28	30,000	8.79	33,000	9.67	1,081	2,162	3,037
	5	5	9	18	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,062	2,124	3,037
	5	5	12	15	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,078	2,156	3,037
	5	7	7	18	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,062	2,124	3,037
	7	9	9	12	-	37	18,000	5.28	30,000	8.79	33,000	9.67	1,078	2,156	3,037
	5	9	9	15	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,075	2,149	3,037
	7	7	9	15	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,075	2,149	3,037
	7	7	12	12	-	38	18,000	5.28	30,000	8.79	33,000	9.67	1,075	2,149	3,037
	5	5	5	24	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,051	2,101	3,037
	5	7	9	18	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,056	2,112	3,037
	5	7	12	15	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,072	2,143	3,037
	9	9	9	12	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,072	2,143	3,037
	7	7	7	18	-	39	18,000	5.28	30,000	8.79	33,000	9.67	1,056	2,112	3,037
	7	9	9	15	-	40	18,000	5.28	30,000	8.79	33,000	9.67	1,068	2,137	3,037
	7	9	12	12	-	40	18,000	5.28	30,000	8.79	33,000	9.67	1,068	2,137	3,037
	5	5	7	24	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,045	2,089	3,037
	5	9	12	15	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,065	2,131	3,037
	5	12	12	12	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,065	2,131	3,037
	7	7	12	15	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,065	2,131	3,037
	7	7	9	18	-	41	18,000	5.28	30,000	8.79	33,000	9.67	1,050	2,099	3,037

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU5R30

COOLING																
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	252	504	757
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	317	633	950
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	387	774	1,161
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	387	774	1,161
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	465	929	1,394
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	506	1,013	1,519
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	550	1,101	1,651
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	597	1,194	1,791
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	646	1,292	1,938
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	698	1,396	2,093
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	753	1,506	2,258
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	799	1,598	2,397
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	873	1,746	2,619
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	873	1,746	2,619
	7	18	-	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	925	1,851	2,776
	9	18	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,069	2,138	3,207
	12	15	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,085	2,170	3,255
	5	24	-	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,228	2,457	3,685
	12	18	-	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,347	2,694	4,040
	15	15	-	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,347	2,694	4,040
	7	24	-	-	-	31	18,000	5.28	30,000	8.79	36,000	10.55	1,316	2,633	4,040
	15	18	-	-	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,315	2,630	4,040
	12	24	-	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,297	2,594	4,040
	18	18	-	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,284	2,569	4,040
	15	24	-	-	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,286	2,571	4,040
	18	24	-	-	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,256	2,512	4,040
	24	24	-	-	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,229	2,457	4,040
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	365	730	1,095
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	434	869	1,303
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	511	1,023	1,534
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	511	1,023	1,534
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	597	1,194	1,791
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	597	1,194	1,791
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	643	1,287	1,930
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	693	1,385	2,078
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	693	1,385	2,078
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	745	1,490	2,234
	5	5	15	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	800	1,601	2,401
	7	9	9	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	800	1,601	2,401
	5	9	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	860	1,719	2,579
	5	7	15	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	923	1,845	2,768
	9	9	9	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	923	1,845	2,768
	5	5	18	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	990	1,981	2,971
	7	9	12	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	990	1,981	2,971
	5	9	15	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,063	2,126	3,188
	5	12	12	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,063	2,126	3,188
	7	7	15	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,063	2,126	3,188
	5	7	18	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,141	2,281	3,422
	9	9	12	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,141	2,281	3,422
	7	9	15	-	-	31	18,000	5.28	30,000	8.79	36,000	10.55	1,185	2,370	3,422
	7	12	12	-	-	31	18,000	5.28	30,000	8.79	36,000	10.55	1,185	2,370	3,422
	5	12	15	-	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,182	2,363	3,422
	5	9	18	-	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,164	2,328	3,422
	7	7	18	-	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,164	2,328	3,422
	9	9	15	-	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,178	2,356	3,422
	9	12	12	-	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,178	2,356	3,422
	5	5	24	-	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,152	2,303	3,422
	7	9	18	-	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,157	2,314	3,422
	7	12	15	-	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,175	2,349	3,422
	5	12	18	-	-	35	18,000	5.28	30,000	8.79	36,000	10.55	1,154	2,308	3,422
	5	15	15	-	-	35	18,000	5.28	30,000	8.79	36,000	10.55	1,171	2,342	3,422
	5	7	24	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,145	2,289	3,422
	9	12	15	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,168	2,335	3,422
	12	12	12	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,168	2,335	3,422
	9	9	18	-	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,150	2,301	3,422
	7	12	18	-	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,147	2,294	3,422
	7	15	15	-	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,164	2,328	3,422
	5	9	24	-	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,138	2,276	3,422
	5	15	18	-	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,144	2,287	3,422
	7	7	24	-	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,138	2,276	3,422
	9	12	18	-	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,140	2,281	3,422
	9	15	15	-	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,157	2,315	3,422
	12	12	15	-	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,157	2,315	3,422
	7	9	24	-	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,131	2,263	3,422
	7	15	18	-	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,137	2,274	3,422
	5	12	24	-	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,128	2,256	3,422
	5	18	18	-	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,117	2,234	3,422
	9	9	24	-	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,125	2,250	3,422
	9	15	18	-	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,130	2,261	3,422
	12	12	18	-	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,130	2,261	3,422
	12	15	15	-	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,147	2,295	3,422
	7	12	24	-	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,122	2,243	3,422
	7	18	18	-	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,111	2,221	3,422
	5	15	24	-	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,118	2,237	3,422
	9	12	24	-	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,115	2,230	3,422
	9	18	18	-	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,104	2,209	3,422
	12	15	18	-	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,121	2,241	3,422
	15	15	15	-	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,137	2,275	3,422
	7	15	24	-	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,112	2,224	3,422
	5	18	24	-	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,093	2,185	3,422
	9	15	24	-	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,106	2,211	3,422
	12	12	24	-	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,106	2,211	3,422
	12	18	18	-	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,095	2,190	3,422
	15	15	18	-	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,111	2,222	3,422

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COOLING																
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	509	1,017	1,526
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	26,400	7.74	592	1,184	1,776
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	28,800	8.44	685	1,370	2,056
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	28,800	8.44	685	1,370	2,056
	5	5	7	9	-	26	15,600	4.57	26,000	7.62	31,200	9.14	791	1,582	2,372
	5	7	7	7	-	26	15,600	4.57	26,000	7.62	31,200	9.14	791	1,582	2,372
	5	5	5	12	-	27	16,200	4.75	27,000	7.91	32,400	9.50	849	1,698	2,547
	5	5	9	9	-	28	16,800	4.92	28,000	8.21	33,600	9.85	911	1,822	2,733
	5	7	7	9	-	28	16,800	4.92	28,000	8.21	33,600	9.85	911	1,822	2,733
	7	7	7	7	-	28	16,800	4.92	28,000	8.21	33,600	9.85	911	1,822	2,733
	5	5	7	12	-	29	17,400	5.10	29,000	8.50	34,800	10.20	978	1,955	2,933
	5	5	5	15	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	5	7	9	9	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	7	7	7	9	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	5	5	9	12	-	31	18,000	5.28	30,000	8.79	36,000	10.55	1,090	2,181	3,148
	5	7	7	12	-	31	18,000	5.28	30,000	8.79	36,000	10.55	1,090	2,181	3,148
	5	5	7	15	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,087	2,174	3,148
	5	9	9	9	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,087	2,174	3,148
	7	7	9	9	-	32	18,000	5.28	30,000	8.79	36,000	10.55	1,087	2,174	3,148
	5	5	5	18	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,068	2,136	3,148
	5	7	9	12	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,084	2,168	3,148
	7	7	7	12	-	33	18,000	5.28	30,000	8.79	36,000	10.55	1,084	2,168	3,148
	5	5	9	15	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,081	2,161	3,148
	5	5	12	12	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,081	2,161	3,148
	5	7	7	15	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,081	2,161	3,148
	7	9	9	9	-	34	18,000	5.28	30,000	8.79	36,000	10.55	1,081	2,161	3,148
	5	5	7	18	-	35	18,000	5.28	30,000	8.79	36,000	10.55	1,061	2,123	3,148
	5	9	9	12	-	35	18,000	5.28	30,000	8.79	36,000	10.55	1,077	2,155	3,148
	7	7	9	12	-	35	18,000	5.28	30,000	8.79	36,000	10.55	1,077	2,155	3,148
	5	7	9	15	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,074	2,148	3,148
	5	7	12	12	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,074	2,148	3,148
	7	7	7	15	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,074	2,148	3,148
	9	9	9	9	-	36	18,000	5.28	30,000	8.79	36,000	10.55	1,074	2,148	3,148
	5	5	9	18	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,055	2,110	3,148
	5	5	12	15	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,071	2,142	3,148
	5	7	7	18	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,055	2,110	3,148
	7	9	9	12	-	37	18,000	5.28	30,000	8.79	36,000	10.55	1,071	2,142	3,148
	5	9	9	15	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,068	2,136	3,148
	5	9	12	12	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,068	2,136	3,148
	7	7	9	15	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,068	2,136	3,148
	7	7	12	12	-	38	18,000	5.28	30,000	8.79	36,000	10.55	1,068	2,136	3,148
	5	5	5	24	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,044	2,088	3,148
	5	7	9	18	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,098	3,148
	5	7	12	15	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,065	2,130	3,148
	9	9	9	12	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,065	2,130	3,148
	7	7	7	18	-	39	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,098	3,148
	5	5	12	18	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,046	2,092	3,148
	5	5	15	15	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,062	2,123	3,148
	7	9	9	15	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,062	2,123	3,148
	7	9	12	12	-	40	18,000	5.28	30,000	8.79	36,000	10.55	1,062	2,123	3,148
	5	5	7	24	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,038	2,076	3,148
	5	9	9	18	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,043	2,086	3,148
	5	9	12	15	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,059	2,117	3,148
	5	12	12	12	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,059	2,117	3,148
	7	7	12	15	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,059	2,117	3,148
	7	7	9	18	-	41	18,000	5.28	30,000	8.79	36,000	10.55	1,043	2,086	3,148
	5	7	12	18	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,040	2,080	3,148
	5	7	15	15	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,056	2,111	3,148
	9	9	9	15	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,056	2,111	3,148
	5	9	12	12	-	42	18,000	5.28	30,000	8.79	36,000	10.55	1,056	2,111	3,148
	5	5	9	24	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,032	2,064	3,148
	5	5	15	18	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,074	3,148
	5	7	7	24	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,032	2,064	3,148
	7	9	9	18	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,074	3,148
	7	9	12	15	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,052	2,105	3,148
	7	12	12	12	-	43	18,000	5.28	30,000	8.79	36,000	10.55	1,052	2,105	3,148
	5	9	12	18	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,068	3,148
	5	9	15	15	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	5	12	12	15	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	7	7	12	18	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,068	3,148
	7	7	15	15	-	44	18,000	5.28	30,000	8.79	36,000	10.55	1,049	2,099	3,148
	5	7	9	24	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,026	2,052	3,148
	5	7	15	18	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,031	2,062	3,148
	7	7	7	24	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,026	2,052	3,148
	9	9	9	18	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,031	2,062	3,148
	9	9	12	15	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,046	2,093	3,148
	9	12	12	12	-	45	18,000	5.28	30,000	8.79	36,000	10.55	1,046	2,093	3,148
	5	5	12	24	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,023	2,046	3,148
	5	5	18	18	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,013	2,026	3,148
	7	9	12	18	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,028	2,056	3,148
	7	9	15	15	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,043	2,087	3,148
	7	12	12	15	-	46	18,000	5.28	30,000	8.79	36,000	10.55	1,043	2,087	3,148
	5	9	9	24	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,020	2,040	3,148
	5	9	15	18	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,025	2,050	3,148
	5	12	12	18	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,025	2,050	3,148
	5	12	15	15	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,040	2,081	3,148
	7	7	9	24	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,020	2,040	3,148
	7	7	15	18	-	47	18,000	5.28	30,000	8.79	36,000	10.55	1,025	2,050	3,148
	5	7	12	24	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,017	2,034	3,148
	5	7	18	18	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,007	2,014	3,148
	9	9	12	18	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,148
	9	9	15	15	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,075	3,148
	9	12	12	15	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,075	3,148
	12	12	12	12	-	48	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,075	3,148

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MU5R30

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	5	5	5	25	15,000	4.40	25,000	7.33	30,000	8.79	707	1,414	2,121
	5	5	5	5	7	27	16,200	4.75	27,000	7.91	32,400	9.50	815	1,630	2,445
	5	5	5	5	9	29	17,400	5.10	29,000	8.50	34,800	10.20	939	1,877	2,816
	5	5	5	7	7	29	17,400	5.10	29,000	8.50	34,800	10.20	939	1,877	2,816
	5	5	5	7	9	31	18,000	5.28	30,000	8.79	36,000	10.55	1,047	2,093	3,140
	5	5	7	7	7	31	18,000	5.28	30,000	8.79	36,000	10.55	1,047	2,093	3,140
	5	5	5	5	12	32	18,000	5.28	30,000	8.79	36,000	10.55	1,044	2,087	3,140
	5	5	5	9	9	33	18,000	5.28	30,000	8.79	36,000	10.55	1,040	2,081	3,140
	5	5	7	7	9	33	18,000	5.28	30,000	8.79	36,000	10.55	1,040	2,081	3,140
	5	7	7	7	7	33	18,000	5.28	30,000	8.79	36,000	10.55	1,040	2,081	3,140
	5	5	5	7	12	34	18,000	5.28	30,000	8.79	36,000	10.55	1,037	2,075	3,140
	5	5	5	5	15	35	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,069	3,140
	5	5	7	9	9	35	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,069	3,140
	5	7	7	7	9	35	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,069	3,140
	7	7	7	7	7	35	18,000	5.28	30,000	8.79	36,000	10.55	1,034	2,069	3,140
	5	5	5	9	12	36	18,000	5.28	30,000	8.79	36,000	10.55	1,031	2,063	3,140
	5	5	7	7	12	36	18,000	5.28	30,000	8.79	36,000	10.55	1,031	2,063	3,140
	5	5	5	7	15	37	18,000	5.28	30,000	8.79	36,000	10.55	1,028	2,056	3,140
	5	5	9	9	9	37	18,000	5.28	30,000	8.79	36,000	10.55	1,028	2,056	3,140
	5	7	7	9	9	37	18,000	5.28	30,000	8.79	36,000	10.55	1,028	2,056	3,140
	7	7	7	7	9	37	18,000	5.28	30,000	8.79	36,000	10.55	1,028	2,056	3,140
	5	5	5	5	18	38	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,020	3,140
	5	5	7	9	12	38	18,000	5.28	30,000	8.79	36,000	10.55	1,025	2,050	3,140
	5	7	7	7	12	38	18,000	5.28	30,000	8.79	36,000	10.55	1,025	2,050	3,140
	5	5	5	9	15	39	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,140
	5	5	5	12	12	39	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,140
	5	5	7	7	15	39	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,140
	5	7	9	9	9	39	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,140
	7	7	7	9	9	39	18,000	5.28	30,000	8.79	36,000	10.55	1,022	2,044	3,140
	5	5	5	7	18	40	18,000	5.28	30,000	8.79	36,000	10.55	1,004	2,008	3,140
	5	5	9	9	12	40	18,000	5.28	30,000	8.79	36,000	10.55	1,019	2,038	3,140
	5	7	7	9	12	40	18,000	5.28	30,000	8.79	36,000	10.55	1,019	2,038	3,140
	7	7	7	7	12	40	18,000	5.28	30,000	8.79	36,000	10.55	1,019	2,038	3,140
	5	5	7	9	15	41	18,000	5.28	30,000	8.79	36,000	10.55	1,016	2,032	3,140
	5	5	7	12	12	41	18,000	5.28	30,000	8.79	36,000	10.55	1,016	2,032	3,140
	5	7	7	7	15	41	18,000	5.28	30,000	8.79	36,000	10.55	1,016	2,032	3,140
	5	9	9	9	9	41	18,000	5.28	30,000	8.79	36,000	10.55	1,016	2,032	3,140
	7	7	9	9	9	41	18,000	5.28	30,000	8.79	36,000	10.55	1,016	2,032	3,140
	5	5	5	9	18	42	18,000	5.28	30,000	8.79	36,000	10.55	998	1,997	3,140
	5	5	5	12	15	42	18,000	5.28	30,000	8.79	36,000	10.55	1,013	2,027	3,140
	5	5	7	7	18	42	18,000	5.28	30,000	8.79	36,000	10.55	998	1,997	3,140
	5	7	9	9	12	42	18,000	5.28	30,000	8.79	36,000	10.55	1,013	2,027	3,140
	7	7	7	9	12	42	18,000	5.28	30,000	8.79	36,000	10.55	1,013	2,027	3,140
	5	5	9	12	12	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	5	5	9	9	15	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	5	7	7	9	15	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	5	7	7	12	12	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	7	7	7	7	15	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	7	9	9	9	9	43	18,000	5.28	30,000	8.79	36,000	10.55	1,010	2,021	3,140
	5	5	5	5	24	44	18,000	5.28	30,000	8.79	36,000	10.55	988	1,975	3,140
	5	5	7	9	18	44	18,000	5.28	30,000	8.79	36,000	10.55	993	1,985	3,140
	5	5	7	12	15	44	18,000	5.28	30,000	8.79	36,000	10.55	1,007	2,015	3,140
	5	7	7	7	18	44	18,000	5.28	30,000	8.79	36,000	10.55	993	1,985	3,140
	5	9	9	9	12	44	18,000	5.28	30,000	8.79	36,000	10.55	1,007	2,015	3,140
	7	7	9	9	12	44	18,000	5.28	30,000	8.79	36,000	10.55	1,007	2,015	3,140
	5	5	5	12	18	45	18,000	5.28	30,000	8.79	36,000	10.55	990	1,979	3,140
	5	5	5	15	15	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	5	7	9	9	15	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	5	7	9	12	12	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	7	7	7	9	15	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	7	7	7	12	12	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	9	9	9	9	9	45	18,000	5.28	30,000	8.79	36,000	10.55	1,005	2,009	3,140
	5	5	9	12	15	46	18,000	5.28	30,000	8.79	36,000	10.55	1,002	2,003	3,140
	5	5	9	12	15	46	18,000	5.28	30,000	8.79	36,000	10.55	1,002	2,003	3,140
	5	5	5	7	24	46	18,000	5.28	30,000	8.79	36,000	10.55	982	1,964	3,140
	5	5	9	9	18	46	18,000	5.28	30,000	8.79	36,000	10.55	987	1,974	3,140
	5	5	12	12	12	46	18,000	5.28	30,000	8.79	36,000	10.55	1,002	2,003	3,140
	5	7	7	9	18	46	18,000	5.28	30,000	8.79	36,000	10.55	987	1,974	3,140
	5	7	7	12	15	46	18,000	5.28	30,000	8.79	36,000	10.55	1,002	2,003	3,140
	7	7	7	7	18	46	18,000	5.28	30,000	8.79	36,000	10.55	987	1,974	3,140
	7	9	9	9	12	46	18,000	5.28	30,000	8.79	36,000	10.55	1,002	2,003	3,140
	5	5	7	12	18	47	18,000	5.28	30,000	8.79	36,000	10.55	984	1,968	3,140
	5	5	7	15	15	47	18,000	5.28	30,000	8.79	36,000	10.55	999	1,998	3,140
	5	9	9	9	15	47	18,000	5.28	30,000	8.79	36,000	10.55	999	1,998	3,140
	9	9	9	12	12	47	18,000	5.28	30,000	8.79	36,000	10.55	999	1,998	3,140
	7	7	9	9	15	47	18,000	5.28	30,000	8.79	36,000	10.55	999	1,998	3,140
	7	7	9	12	12	47	18,000	5.28	30,000	8.79	36,000	10.55	999	1,998	3,140
	5	5	5	9	24	48	18,000	5.28	30,000	8.79	36,000	10.55	976	1,953	3,140
	5	5	5	15	18	48	18,000	5.28	30,000	8.79	36,000	10.55	981	1,962	3,140
	5	5	7	7	24	48	18,000	5.28	30,000	8.79	36,000	10.55	976	1,953	3,140
	5	7	9	9	18	48	18,000	5.28	30,000	8.79	36,000	10.55	981	1,962	3,140
	5	7	9	12	15	48	18,000	5.28	30,000	8.79	36,000	10.55	996	1,992	3,140
	5	7	12	12	12	48	18,000	5.28	30,000	8.79	36,000	10.55	996	1,992	3,140
	7	7	7	9	18	48	18,000	5.28	30,000	8.79	36,000	10.55	981	1,962	3,140
	7	7	7	12	15	48	18,000	5.28	30,000	8.79	36,000	10.55	996	1,992	3,140
	9	9	9	9	12	48	18,000	5.28	30,000	8.79	36,000	10.55	996	1,992	3,140

Note

1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.

※ Specifications may vary by each model or IDU / ODU combination.

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MU5R30

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,900	2.02	11,500	3.37	13,225	3.88	249	499	723
	5	7	-	-	-	12	8,280	2.43	13,800	4.04	15,870	4.65	313	626	908
	5	9	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	383	766	1,110
	7	7	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	383	766	1,110
	7	9	-	-	-	16	11,040	3.24	18,400	5.39	21,160	6.20	460	919	1,333
	5	12	-	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	501	1,002	1,453
	9	9	-	-	-	18	12,420	3.64	20,700	6.07	23,805	6.98	544	1,089	1,579
	7	12	-	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	590	1,181	1,712
	5	15	-	-	-	20	13,800	4.04	23,000	6.74	26,450	7.75	639	1,278	1,853
	9	12	-	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	690	1,380	2,002
	7	15	-	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	745	1,489	2,159
	5	18	-	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	790	1,581	2,292
	9	15	-	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	864	1,727	2,504
	12	12	-	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	864	1,727	2,504
	7	18	-	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	915	1,830	2,654
	9	18	-	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	1,057	2,115	3,067
	12	15	-	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	1,073	2,147	3,113
	5	24	-	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,215	2,430	3,524
	12	18	-	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,332	2,664	3,863
	15	15	-	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,332	2,664	3,863
	7	24	-	-	-	31	20,700	6.07	34,500	10.11	39,675	11.63	1,302	2,604	3,776
	15	18	-	-	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,301	2,601	4,020
	12	24	-	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,283	2,566	4,020
	18	18	-	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,270	2,541	4,020
	15	24	-	-	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,272	2,543	4,020
	18	24	-	-	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,242	2,485	4,020
	24	24	-	-	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,215	2,430	4,020
3 UNIT	5	5	5	-	-	15	10,350	3.03	17,250	5.06	19,838	5.81	375	750	1,087
	5	5	7	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	446	893	1,295
	5	5	9	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	525	1,051	1,524
	5	7	7	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	525	1,051	1,524
	5	7	9	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	613	1,227	1,779
	7	7	7	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	613	1,227	1,779
	5	5	12	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	661	1,322	1,917
	5	9	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	712	1,423	2,064
	7	7	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	712	1,423	2,064
	5	7	12	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	765	1,531	2,220
	5	5	15	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	822	1,645	2,385
	7	9	9	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	822	1,645	2,385
	5	9	12	-	-	26	17,940	5.26	29,900	8.76	34,385	10.08	883	1,767	2,562
	7	7	12	-	-	26	17,940	5.26	29,900	8.76	34,385	10.08	883	1,767	2,562
	5	7	15	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	948	1,896	2,750
	9	9	9	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	948	1,896	2,750
	5	5	18	-	-	28	19,320	5.66	32,200	9.44	37,030	10.85	1,018	2,035	2,951
	7	9	12	-	-	28	19,320	5.66	32,200	9.44	37,030	10.85	1,018	2,035	2,951
	5	9	15	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,092	2,184	3,167
	5	12	12	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,092	2,184	3,167
	7	7	15	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,092	2,184	3,167
	5	7	18	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,155	2,310	3,349
	9	9	12	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,172	2,344	3,399
	7	9	15	-	-	31	20,700	6.07	34,500	10.11	39,675	11.63	1,218	2,436	3,532
	7	12	12	-	-	31	20,700	6.07	34,500	10.11	39,675	11.63	1,218	2,436	3,532
	5	12	15	-	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,214	2,429	3,521
	5	9	18	-	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,196	2,393	3,469
	7	7	18	-	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,196	2,393	3,469
	9	9	15	-	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,211	2,421	3,620
	9	12	12	-	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,211	2,421	3,620
	5	5	24	-	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,183	2,367	3,620
	7	9	18	-	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,189	2,378	3,620
	7	12	15	-	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,207	2,414	3,620
	5	12	18	-	-	35	20,700	6.07	34,500	10.11	41,400	12.13	1,186	2,371	3,620
	5	15	15	-	-	35	20,700	6.07	34,500	10.11	41,400	12.13	1,203	2,407	3,620
	5	7	24	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,176	2,353	3,620
	9	12	15	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,200	2,400	3,620
	12	12	12	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,200	2,400	3,620
	9	9	18	-	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,182	2,364	3,620
	7	12	18	-	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,179	2,357	3,620
	7	15	15	-	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,196	2,393	3,620
	5	9	24	-	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,169	2,339	3,620
	5	15	18	-	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,175	2,351	3,620
	7	7	24	-	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,169	2,339	3,620
	9	12	18	-	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,172	2,344	3,620
	9	15	15	-	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,189	2,379	3,620
	12	12	15	-	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,189	2,379	3,620
	7	9	24	-	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,163	2,325	3,620
	7	15	18	-	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,168	2,337	3,620
	5	12	24	-	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,159	2,319	3,620
	5	18	18	-	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,148	2,296	3,620
	9	9	24	-	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,156	2,312	3,620
	9	15	18	-	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,162	2,323	3,620
	12	12	18	-	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,162	2,323	3,620
	12	15	15	-	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,179	2,358	3,620
	7	12	24	-	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,153	2,305	3,620
	7	18	18	-	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,141	2,283	3,620
	5	15	24	-	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,149	2,298	3,620
	9	12	24	-	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,146	2,292	3,620
	9	18	18	-	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,135	2,270	3,620
	12	15	18	-	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,152	2,303	3,620
	15	15	15	-	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,169	2,338	3,620
	7	15	24	-	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,143	2,285	3,620
	5	18	24	-	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,123	2,246	3,620
	9	15	24	-	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,136	2,272	3,620
	12	12	24	-	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,136	2,272	3,620
	12	18	18	-	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,142	2,283	3,620
	15	15	18	-	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,296	2,592	3,620

R32

MU5R30

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	5	5	-	20	13,800	4.04	23,000	6.74	26,450	7.75	523	1,045	1,516
	5	5	5	7	-	22	15,180	4.45	25,300	7.42	29,095	8.53	608	1,216	1,764
	5	5	5	9	-	24	16,560	4.85	27,600	8.09	31,740	9.30	704	1,408	2,042
	5	5	7	7	-	24	16,560	4.85	27,600	8.09	31,740	9.30	704	1,408	2,042
	5	5	7	9	-	26	17,940	5.26	29,900	8.76	34,385	10.08	813	1,625	2,357
	5	7	7	7	-	26	17,940	5.26	29,900	8.76	34,385	10.08	813	1,625	2,357
	5	5	5	12	-	27	18,630	5.46	31,050	9.10	35,707	10.47	872	1,745	2,530
	5	5	9	9	-	28	19,320	5.66	32,200	9.44	37,030	10.85	936	1,873	2,715
	5	7	7	9	-	28	19,320	5.66	32,200	9.44	37,030	10.85	936	1,873	2,715
	7	7	7	7	-	28	19,320	5.66	32,200	9.44	37,030	10.85	936	1,873	2,715
	5	5	7	12	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,005	2,010	2,914
	5	5	5	15	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	5	7	9	9	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	7	7	7	9	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	5	5	9	12	-	31	20,700	6.07	34,500	10.11	39,675	11.63	1,120	2,241	3,249
	5	7	7	12	-	31	20,700	6.07	34,500	10.11	39,675	11.63	1,120	2,241	3,249
	5	5	7	15	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	5	9	9	9	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	7	7	9	9	-	32	20,700	6.07	34,500	10.11	39,675	11.63	1,117	2,234	3,240
	5	5	5	18	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,097	2,195	3,390
	5	7	9	12	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,114	2,228	3,390
	7	7	7	12	-	33	20,700	6.07	34,500	10.11	41,400	12.13	1,114	2,228	3,390
	5	5	9	15	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,111	2,221	3,390
	5	5	12	12	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,111	2,221	3,390
	5	7	7	15	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,111	2,221	3,390
	7	9	9	9	-	34	20,700	6.07	34,500	10.11	41,400	12.13	1,111	2,221	3,390
	5	5	7	18	-	35	20,700	6.07	34,500	10.11	41,400	12.13	1,091	2,182	3,390
	5	9	9	12	-	35	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	7	7	9	12	-	35	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	5	7	9	15	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	5	7	12	12	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	7	7	7	15	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	9	9	9	9	-	36	20,700	6.07	34,500	10.11	41,400	12.13	1,107	2,214	3,390
	5	5	9	18	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,088	2,175	3,390
	5	5	12	15	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,104	2,208	3,390
	5	7	7	18	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,088	2,175	3,390
	7	9	9	12	-	37	20,700	6.07	34,500	10.11	41,400	12.13	1,104	2,208	3,390
	5	9	9	15	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,101	2,201	3,390
	5	9	12	12	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,101	2,201	3,390
	7	7	9	15	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,101	2,201	3,390
	7	7	12	12	-	38	20,700	6.07	34,500	10.11	41,400	12.13	1,101	2,201	3,390
	5	5	5	24	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,076	2,152	3,390
	5	7	9	18	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,081	2,162	3,390
	5	7	12	15	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,097	2,195	3,390
	9	9	9	12	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,097	2,195	3,390
	7	7	7	18	-	39	20,700	6.07	34,500	10.11	41,400	12.13	1,081	2,162	3,390
	5	5	12	18	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,078	2,156	3,390
	5	5	15	15	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,094	2,188	3,390
	7	9	9	15	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,094	2,188	3,390
	7	9	12	12	-	40	20,700	6.07	34,500	10.11	41,400	12.13	1,094	2,188	3,390
	5	5	7	24	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,070	2,139	3,390
	5	9	9	18	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,075	2,150	3,390
	5	9	12	15	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,091	2,182	3,390
	5	12	12	12	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,091	2,182	3,390
	7	7	12	15	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,091	2,182	3,390
	7	7	9	18	-	41	20,700	6.07	34,500	10.11	41,400	12.13	1,075	2,150	3,390
	5	7	12	18	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,072	2,144	3,390
	5	7	15	15	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,088	2,176	3,390
	9	9	9	15	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,088	2,176	3,390
	5	9	12	12	-	42	20,700	6.07	34,500	10.11	41,400	12.13	1,088	2,176	3,390
	5	5	9	24	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,127	3,390
	5	5	15	18	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,137	3,390
	5	7	7	24	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,127	3,390
	7	9	9	18	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,137	3,390
	7	9	12	15	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,085	2,169	3,390
	7	12	12	12	-	43	20,700	6.07	34,500	10.11	41,400	12.13	1,085	2,169	3,390
	5	9	12	18	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,066	2,131	3,390
	5	9	15	15	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,082	2,163	3,390
	5	12	12	15	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,082	2,163	3,390
	7	7	12	18	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,066	2,131	3,390
	7	7	15	15	-	44	20,700	6.07	34,500	10.11	41,400	12.13	1,082	2,163	3,390
	5	7	9	24	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,115	3,390
	5	7	15	18	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,125	3,390
	7	7	7	24	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,115	3,390
	9	9	9	18	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,125	3,390
	9	9	12	15	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,078	2,157	3,390
	9	12	12	12	-	45	20,700	6.07	34,500	10.11	41,400	12.13	1,078	2,157	3,390
	5	5	12	24	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,054	2,108	3,390
	5	5	18	18	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,088	3,390
	7	9	12	18	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,059	2,119	3,390
	7	9	15	15	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,075	2,151	3,390
	7	12	12	15	-	46	20,700	6.07	34,500	10.11	41,400	12.13	1,075	2,151	3,390
	5	9	9	24	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,051	2,102	3,390
	5	9	15	18	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,056	2,113	3,390
	5	12	12	18	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,056	2,113	3,390
	5	12	15	15	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,072	2,144	3,390
	7	7	9	24	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,051	2,102	3,390
	7	7	15	18	-	47	20,700	6.07	34,500	10.11	41,400	12.13	1,056	2,113	3,390
	5	7	12	24	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,048	2,096	3,390
	5	7	18	18	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,076	3,390
	9	9	12	18	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,053	2,107	3,390
	9	9	15	15	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,138	3,390
	9	12	12	15	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,138	3,390
	12	12	12	12	-	48	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,138	3,390

R32

MU5R30

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	5	5	5	25	17,250	5.06	28,750	8.43	33,062	9.69	726	1,453	2,107
	5	5	5	5	7	27	18,630	5.46	31,050	9.10	35,707	10.47	837	1,675	2,429
	5	5	5	5	9	29	20,010	5.86	33,350	9.77	38,352	11.24	965	1,929	2,797
	5	5	5	7	7	29	20,010	5.86	33,350	9.77	38,352	11.24	965	1,929	2,797
	5	5	5	7	9	31	20,700	6.07	34,500	10.11	39,675	11.63	1,076	2,151	3,119
	5	5	7	7	7	31	20,700	6.07	34,500	10.11	39,675	11.63	1,076	2,151	3,119
	5	5	5	5	12	32	20,700	6.07	34,500	10.11	39,675	11.63	1,072	2,145	3,110
	5	5	5	9	9	33	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,139	3,250
	5	5	7	7	9	33	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,139	3,250
	5	7	7	7	7	33	20,700	6.07	34,500	10.11	41,400	12.13	1,069	2,139	3,250
	5	5	5	7	12	34	20,700	6.07	34,500	10.11	41,400	12.13	1,066	2,132	3,250
	5	5	5	5	15	35	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,126	3,250
	5	5	7	9	9	35	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,126	3,250
	5	7	7	7	9	35	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,126	3,250
	7	7	7	7	7	35	20,700	6.07	34,500	10.11	41,400	12.13	1,063	2,126	3,250
	5	5	5	9	12	36	20,700	6.07	34,500	10.11	41,400	12.13	1,060	2,120	3,250
	5	5	7	7	12	36	20,700	6.07	34,500	10.11	41,400	12.13	1,060	2,120	3,250
	5	5	5	7	15	37	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,113	3,250
	5	5	9	9	9	37	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,113	3,250
	5	7	7	9	9	37	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,113	3,250
	7	7	7	7	9	37	20,700	6.07	34,500	10.11	41,400	12.13	1,057	2,113	3,250
	5	5	5	5	18	38	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,076	3,250
	5	5	7	9	12	38	20,700	6.07	34,500	10.11	41,400	12.13	1,054	2,107	3,250
	5	7	7	7	12	38	20,700	6.07	34,500	10.11	41,400	12.13	1,054	2,107	3,250
	5	5	5	9	15	39	20,700	6.07	34,500	10.11	41,400	12.13	1,050	2,101	3,250
	5	5	5	12	12	39	20,700	6.07	34,500	10.11	41,400	12.13	1,050	2,101	3,250
	5	5	7	7	15	39	20,700	6.07	34,500	10.11	41,400	12.13	1,050	2,101	3,250
	5	7	9	9	9	39	20,700	6.07	34,500	10.11	41,400	12.13	1,050	2,101	3,250
	7	7	7	9	9	39	20,700	6.07	34,500	10.11	41,400	12.13	1,050	2,101	3,250
	5	5	5	7	18	40	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,064	3,250
	5	5	9	9	12	40	20,700	6.07	34,500	10.11	41,400	12.13	1,047	2,095	3,250
	5	7	7	9	12	40	20,700	6.07	34,500	10.11	41,400	12.13	1,047	2,095	3,250
	7	7	7	7	12	40	20,700	6.07	34,500	10.11	41,400	12.13	1,047	2,095	3,250
	5	5	7	9	15	41	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,089	3,250
	5	5	7	12	12	41	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,089	3,250
	5	7	7	7	15	41	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,089	3,250
	5	9	9	9	9	41	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,089	3,250
	7	7	9	9	9	41	20,700	6.07	34,500	10.11	41,400	12.13	1,044	2,089	3,250
	5	5	9	9	18	42	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,052	3,250
	5	5	5	12	15	42	20,700	6.07	34,500	10.11	41,400	12.13	1,041	2,083	3,250
	5	5	7	7	18	42	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,052	3,250
	5	7	9	9	12	42	20,700	6.07	34,500	10.11	41,400	12.13	1,041	2,083	3,250
	7	7	7	9	12	42	20,700	6.07	34,500	10.11	41,400	12.13	1,041	2,083	3,250
	5	5	9	12	12	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	5	5	9	9	15	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	5	7	7	9	15	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	5	7	7	12	12	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	7	7	7	7	15	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	7	9	9	9	9	43	20,700	6.07	34,500	10.11	41,400	12.13	1,038	2,077	3,250
	5	5	5	5	24	44	20,700	6.07	34,500	10.11	41,400	12.13	1,015	2,030	3,250
	5	5	7	9	18	44	20,700	6.07	34,500	10.11	41,400	12.13	1,020	2,040	3,250
	5	5	7	12	15	44	20,700	6.07	34,500	10.11	41,400	12.13	1,035	2,071	3,250
	5	7	7	7	18	44	20,700	6.07	34,500	10.11	41,400	12.13	1,020	2,040	3,250
	5	9	9	9	12	44	20,700	6.07	34,500	10.11	41,400	12.13	1,035	2,071	3,250
	7	7	9	9	12	44	20,700	6.07	34,500	10.11	41,400	12.13	1,035	2,071	3,250
	5	5	5	12	18	45	20,700	6.07	34,500	10.11	41,400	12.13	1,017	2,034	3,250
	5	5	5	15	15	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	5	7	9	9	15	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	5	7	9	12	12	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	7	7	7	9	15	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	7	7	7	12	12	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	9	9	9	9	9	45	20,700	6.07	34,500	10.11	41,400	12.13	1,032	2,065	3,250
	5	5	9	12	15	46	20,700	6.07	34,500	10.11	41,400	12.13	1,029	2,059	3,250
	5	5	9	12	15	46	20,700	6.07	34,500	10.11	41,400	12.13	1,029	2,059	3,250
	5	5	5	7	24	46	20,700	6.07	34,500	10.11	41,400	12.13	1,009	2,018	3,250
	5	5	9	9	18	46	20,700	6.07	34,500	10.11	41,400	12.13	1,014	2,028	3,250
	5	5	12	12	12	46	20,700	6.07	34,500	10.11	41,400	12.13	1,029	2,059	3,250
	5	7	7	9	18	46	20,700	6.07	34,500	10.11	41,400	12.13	1,014	2,028	3,250
	5	7	7	12	15	46	20,700	6.07	34,500	10.11	41,400	12.13	1,029	2,059	3,250
	7	7	7	7	18	46	20,700	6.07	34,500	10.11	41,400	12.13	1,014	2,028	3,250
	7	9	9	9	12	46	20,700	6.07	34,500	10.11	41,400	12.13	1,029	2,059	3,250
	5	5	7	12	18	47	20,700	6.07	34,500	10.11	41,400	12.13	1,011	2,022	3,250
	5	5	7	15	15	47	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,053	3,250
	5	9	9	9	15	47	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,053	3,250
	9	9	9	12	12	47	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,053	3,250
	7	7	9	9	15	47	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,053	3,250
	7	7	9	12	12	47	20,700	6.07	34,500	10.11	41,400	12.13	1,026	2,053	3,250
	5	5	5	9	24	48	20,700	6.07	34,500	10.11	41,400	12.13	1,003	2,007	3,250
	5	5	5	15	18	48	20,700	6.07	34,500	10.11	41,400	12.13	1,008	2,017	3,250
	5	5	7	7	24	48	20,700	6.07	34,500	10.11	41,400	12.13	1,003	2,007	3,250
	5	7	9	9	18	48	20,700	6.07	34,500	10.11	41,400	12.13	1,008	2,017	3,250
	5	7	9	12	15	48	20,700	6.07	34,500	10.11	41,400	12.13	1,023	2,047	3,250
	5	7	12	12	12	48	20,700	6.07	34,500	10.11	41,400	12.13	1,023	2,047	3,250
	7	7	7	9	18	48	20,700	6.07	34,500	10.11	41,400	12.13	1,008	2,017	3,250
	7	7	7	12	15	48	20,700	6.07	34,500	10.11	41,400	12.13	1,023	2,047	3,250
	9	9	9	9	12	48	20,700	6.07	34,500	10.11	41,400	12.13	1,023	2,047	3,250

Note

1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.

※ Specifications may vary by each model or IDU / ODU combination.

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MU5R36

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,000	1.76	10,000	2.93	12,000	3.52	251	502	754
	5	7	-	-	-	12	7,200	2.11	12,000	3.52	14,400	4.22	315	631	946
	5	9	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	385	771	1,156
	7	7	-	-	-	14	8,400	2.46	14,000	4.10	16,800	4.92	385	771	1,156
	7	9	-	-	-	16	9,600	2.81	16,000	4.69	19,200	5.63	463	926	1,388
	5	12	-	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	504	1,009	1,513
	9	9	-	-	-	18	10,800	3.17	18,000	5.28	21,600	6.33	548	1,097	1,645
	7	12	-	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	595	1,189	1,784
	5	15	-	-	-	20	12,000	3.52	20,000	5.86	24,000	7.03	643	1,287	1,930
	9	12	-	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	695	1,390	2,085
	7	15	-	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	750	1,500	2,249
	5	18	-	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	796	1,592	2,388
	9	15	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	870	1,739	2,609
	12	12	-	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	870	1,739	2,609
	7	18	-	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	917	1,834	2,751
	9	18	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,081	2,162	3,243
	12	15	-	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	1,081	2,162	3,243
	5	24	-	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,224	2,447	3,671
	12	18	-	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,341	2,683	4,024
	15	15	-	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,341	2,683	4,024
	7	24	-	-	-	31	18,600	5.45	31,000	9.09	37,000	10.84	1,446	2,893	4,280
	15	18	-	-	-	33	19,800	5.80	33,000	9.67	37,000	10.84	1,695	3,390	4,280
	12	24	-	-	-	36	21,600	6.33	36,000	10.55	37,000	10.84	2,057	4,114	4,280
	18	18	-	-	-	36	21,600	6.33	36,000	10.55	37,000	10.84	2,057	4,114	4,280
	15	24	-	-	-	39	21,600	6.33	36,000	10.55	37,000	10.84	1,999	3,997	4,280
	18	24	-	-	-	42	21,600	6.33	36,000	10.55	37,000	10.84	1,952	3,904	4,280
	24	24	-	-	-	48	21,600	6.33	36,000	10.55	37,000	10.84	1,909	3,818	4,280
3 UNIT	5	5	5	-	-	15	9,000	2.64	15,000	4.40	18,000	5.28	378	755	1,133
	5	5	7	-	-	17	10,200	2.99	17,000	4.98	20,400	5.98	450	899	1,349
	5	5	9	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	529	1,058	1,587
	5	7	7	-	-	19	11,400	3.34	19,000	5.57	22,800	6.68	529	1,058	1,587
	5	7	9	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	618	1,235	1,853
	7	7	7	-	-	21	12,600	3.69	21,000	6.15	25,200	7.39	618	1,235	1,853
	5	5	12	-	-	22	13,200	3.87	22,000	6.45	26,400	7.74	666	1,332	1,997
	5	9	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	717	1,433	2,150
	7	7	9	-	-	23	13,800	4.04	23,000	6.74	27,600	8.09	717	1,433	2,150
	5	7	12	-	-	24	14,400	4.22	24,000	7.03	28,800	8.44	771	1,542	2,312
	5	5	15	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	828	1,657	2,485
	7	9	9	-	-	25	15,000	4.40	25,000	7.33	30,000	8.79	828	1,657	2,485
	5	9	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	890	1,779	2,669
	7	7	12	-	-	26	15,600	4.57	26,000	7.62	31,200	9.14	890	1,779	2,669
	5	7	15	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	955	1,910	2,865
	9	9	9	-	-	27	16,200	4.75	27,000	7.91	32,400	9.50	955	1,910	2,865
	5	5	18	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	1,025	2,050	3,075
	7	9	12	-	-	28	16,800	4.92	28,000	8.21	33,600	9.85	1,025	2,050	3,075
	5	9	15	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,100	2,200	3,300
	5	12	12	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,100	2,200	3,300
	7	7	15	-	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,100	2,200	3,300
	5	7	18	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,163	2,326	3,489
	9	9	12	-	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,180	2,361	3,541
	7	9	15	-	-	31	18,600	5.45	31,000	9.09	37,200	10.90	1,267	2,535	3,802
	7	12	12	-	-	31	18,600	5.45	31,000	9.09	37,200	10.90	1,267	2,535	3,802
	5	12	15	-	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,359	2,718	4,077
	5	9	18	-	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,359	2,718	4,077
	7	7	18	-	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,359	2,718	4,077
	9	9	15	-	-	33	19,800	5.80	33,000	9.67	39,600	11.61	1,458	2,916	4,280
	9	12	12	-	-	33	19,800	5.80	33,000	9.67	39,600	11.61	1,458	2,916	4,280
	5	5	24	-	-	34	20,400	5.98	34,000	9.96	39,600	11.61	1,566	3,131	4,280
	7	9	18	-	-	34	20,400	5.98	34,000	9.96	39,600	11.61	1,566	3,131	4,280
	7	12	15	-	-	34	20,400	5.98	34,000	9.96	39,600	11.61	1,566	3,131	4,280
	5	12	18	-	-	35	21,000	6.15	35,000	10.26	39,600	11.61	1,682	3,365	4,280
	5	15	15	-	-	35	21,000	6.15	35,000	10.26	39,600	11.61	1,682	3,365	4,280
	5	7	24	-	-	36	21,600	6.33	36,000	10.55	39,600	11.61	1,810	3,620	4,280
	9	12	15	-	-	36	21,600	6.33	36,000	10.55	39,600	11.61	1,810	3,620	4,280
	12	12	12	-	-	36	21,600	6.33	36,000	10.55	39,600	11.61	1,810	3,620	4,280
	9	9	18	-	-	36	21,600	6.33	36,000	10.55	39,600	11.61	1,810	3,620	4,280
	7	12	18	-	-	37	21,600	6.33	36,000	10.55	39,600	11.61	1,778	3,556	4,280
	7	15	15	-	-	37	21,600	6.33	36,000	10.55	39,600	11.61	1,805	3,609	4,280
	5	9	24	-	-	38	21,600	6.33	36,000	10.55	39,600	11.61	1,764	3,528	4,280
	5	15	18	-	-	38	21,600	6.33	36,000	10.55	39,600	11.61	1,773	3,545	4,280
	7	7	24	-	-	38	21,600	6.33	36,000	10.55	39,600	11.61	1,764	3,528	4,280
	9	12	18	-	-	39	21,600	6.33	36,000	10.55	39,600	11.61	1,767	3,535	4,280
	9	15	15	-	-	39	21,600	6.33	36,000	10.55	39,600	11.61	1,794	3,588	4,280
	12	12	15	-	-	39	21,600	6.33	36,000	10.55	39,600	11.61	1,794	3,588	4,280
	7	9	24	-	-	40	21,600	6.33	36,000	10.55	39,600	11.61	1,754	3,507	4,280
	7	15	18	-	-	40	21,600	6.33	36,000	10.55	39,600	11.61	1,762	3,524	4,280
	5	12	24	-	-	41	21,600	6.33	36,000	10.55	39,600	11.61	1,748	3,497	4,280
	5	18	18	-	-	41	21,600	6.33	36,000	10.55	39,600	11.61	1,731	3,463	4,280
	9	9	24	-	-	42	21,600	6.33	36,000	10.55	39,600	11.61	1,743	3,486	4,280
	9	15	18	-	-	42	21,600	6.33	36,000	10.55	39,600	11.61	1,752	3,504	4,280
	12	12	18	-	-	42	21,600	6.33	36,000	10.55	39,600	11.61	1,752	3,504	4,280
	12	15	15	-	-	42	21,600	6.33	36,000	10.55	39,600	11.61	1,778	3,556	4,280
	7	12	24	-	-	43	21,600	6.33	36,000	10.55	39,600	11.61	1,738	3,476	4,280
	7	18	18	-	-	43	21,600	6.33	36,000	10.55	39,600	11.61	1,721	3,442	4,280
	5	15	24	-	-	44	21,600	6.33	36,000	10.55	39,600	11.61	1,733	3,466	4,280

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
3 UNIT	9	12	24	-	-	45	21,600	6.33	36,000	10.55	39,600	11.61	1,728	3,456	4,280
	9	18	18	-	-	45	21,600	6.33	36,000	10.55	39,600	11.61	1,711	3,422	4,280
	12	15	18	-	-	45	21,600	6.33	36,000	10.55	39,600	11.61	1,736	3,473	4,280
	15	15	15	-	-	45	21,600	6.33	36,000	10.55	39,600	11.61	1,762	3,525	4,280
	7	15	24	-	-	46	21,600	6.33	36,000	10.55	39,600	11.61	1,723	3,446	4,280
	5	18	24	-	-	47	21,600	6.33	36,000	10.55	39,600	11.61	1,693	3,386	4,280
	9	15	24	-	-	48	21,600	6.33	36,000	10.55	39,600	11.61	1,713	3,426	4,280
	12	12	24	-	-	48	21,600	6.33	36,000	10.55	39,600	11.61	1,713	3,426	4,280
	12	18	18	-	-	48	21,600	6.33	36,000	10.55	39,600	11.61	1,696	3,393	4,280
	15	15	18	-	-	48	21,600	6.33	36,000	10.55	39,600	11.61	1,721	3,443	4,280
	7	18	24	-	-	49	21,600	6.33	36,000	10.55	39,600	11.61	1,683	3,366	4,280
	9	18	24	-	-	51	21,600	6.33	36,000	10.55	39,600	11.61	1,674	3,347	4,280
	12	15	24	-	-	51	21,600	6.33	36,000	10.55	39,600	11.61	1,698	3,396	4,280
	15	18	18	-	-	51	21,600	6.33	36,000	10.55	39,600	11.61	1,682	3,363	4,280
	5	24	24	-	-	53	21,600	6.33	36,000	10.55	39,600	11.61	1,656	3,312	4,280
	12	18	24	-	-	54	21,600	6.33	36,000	10.55	39,600	11.61	1,659	3,318	4,280
	15	15	24	-	-	54	21,600	6.33	36,000	10.55	39,600	11.61	1,684	3,367	4,280
	18	18	18	-	-	54	21,600	6.33	36,000	10.55	39,600	11.61	1,643	3,287	4,280
	7	24	24	-	-	55	21,600	6.33	36,000	10.55	39,600	11.61	1,647	3,293	4,280
	9	24	24	-	-	57	21,600	6.33	36,000	10.55	39,600	11.61	1,637	3,275	4,280
	15	18	24	-	-	57	21,600	6.33	36,000	10.55	39,600	11.61	1,645	3,290	4,280
4 UNIT	5	5	5	5	-	20	12,000	3.52	20,000	5.86	24,000	7.03	526	1,053	1,579
	5	5	5	7	-	22	13,200	3.87	22,000	6.45	26,400	7.74	613	1,225	1,838
	5	5	5	9	-	24	14,400	4.22	24,000	7.03	28,800	8.44	709	1,418	2,127
	5	5	7	7	-	24	14,400	4.22	24,000	7.03	28,800	8.44	709	1,418	2,127
	5	5	7	9	-	26	15,600	4.57	26,000	7.62	31,200	9.14	818	1,637	2,455
	5	7	7	7	-	26	15,600	4.57	26,000	7.62	31,200	9.14	818	1,637	2,455
	5	5	5	12	-	27	16,200	4.75	27,000	7.91	32,400	9.50	879	1,757	2,636
	5	5	9	9	-	28	16,800	4.92	28,000	8.21	33,600	9.85	943	1,886	2,829
	5	7	7	9	-	28	16,800	4.92	28,000	8.21	33,600	9.85	943	1,886	2,829
	7	7	7	7	-	28	16,800	4.92	28,000	8.21	33,600	9.85	943	1,886	2,829
	5	5	7	12	-	29	17,400	5.10	29,000	8.50	34,800	10.20	1,012	2,024	3,036
	5	5	5	15	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,086	2,172	3,258
	5	7	9	9	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,086	2,172	3,258
	7	7	7	9	-	30	18,000	5.28	30,000	8.79	36,000	10.55	1,086	2,172	3,258
	5	5	9	12	-	31	18,600	5.45	31,000	9.09	37,200	10.90	1,166	2,332	3,498
	5	7	7	12	-	31	18,600	5.45	31,000	9.09	37,200	10.90	1,166	2,332	3,498
	5	5	7	15	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,250	2,500	3,749
	5	9	9	9	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,250	2,500	3,749
	7	7	9	9	-	32	19,200	5.63	32,000	9.38	38,400	11.25	1,250	2,500	3,749
	5	5	5	18	-	33	19,800	5.80	33,000	9.67	39,600	11.61	1,341	2,682	4,023
	5	7	9	12	-	33	19,800	5.80	33,000	9.67	39,600	11.61	1,341	2,682	4,023
	5	5	9	15	-	34	20,400	5.98	34,000	9.96	40,000	11.72	1,440	2,880	4,050
	5	5	12	12	-	34	20,400	5.98	34,000	9.96	40,000	11.72	1,440	2,880	4,050
	5	7	7	15	-	34	20,400	5.98	34,000	9.96	40,000	11.72	1,440	2,880	4,050
	7	9	9	9	-	34	20,400	5.98	34,000	9.96	40,000	11.72	1,440	2,880	4,050
	5	5	7	18	-	35	21,000	6.15	35,000	10.26	40,000	11.72	1,548	3,095	4,050
	5	9	9	12	-	35	21,000	6.15	35,000	10.26	40,000	11.72	1,548	3,095	4,050
	7	7	9	12	-	35	21,000	6.15	35,000	10.26	40,000	11.72	1,548	3,095	4,050
	5	7	9	15	-	36	21,600	6.33	36,000	10.55	40,000	11.72	1,665	3,330	4,050
	5	7	12	12	-	36	21,600	6.33	36,000	10.55	40,000	11.72	1,665	3,330	4,050
	7	7	7	15	-	36	21,600	6.33	36,000	10.55	40,000	11.72	1,665	3,330	4,050
	9	9	9	9	-	36	21,600	6.33	36,000	10.55	40,000	11.72	1,665	3,330	4,050
	5	5	9	18	-	37	21,600	6.33	36,000	10.55	40,000	11.72	1,636	3,271	4,050
	5	5	12	15	-	37	21,600	6.33	36,000	10.55	40,000	11.72	1,660	3,321	4,050
	5	7	7	18	-	37	21,600	6.33	36,000	10.55	40,000	11.72	1,636	3,271	4,050
	7	9	9	12	-	37	21,600	6.33	36,000	10.55	40,000	11.72	1,660	3,321	4,050
	5	9	9	15	-	38	21,600	6.33	36,000	10.55	40,000	11.72	1,655	3,311	4,050
	5	9	12	12	-	38	21,600	6.33	36,000	10.55	40,000	11.72	1,655	3,311	4,050
	7	7	9	15	-	38	21,600	6.33	36,000	10.55	40,000	11.72	1,655	3,311	4,050
	7	7	12	12	-	38	21,600	6.33	36,000	10.55	40,000	11.72	1,655	3,311	4,050
	5	5	5	24	-	39	21,600	6.33	36,000	10.55	40,000	11.72	1,618	3,236	4,050
	5	7	9	18	-	39	21,600	6.33	36,000	10.55	40,000	11.72	1,626	3,252	4,050
	5	7	12	15	-	39	21,600	6.33	36,000	10.55	40,000	11.72	1,650	3,301	4,050
	9	9	9	12	-	39	21,600	6.33	36,000	10.55	40,000	11.72	1,650	3,301	4,050
	7	7	7	18	-	39	21,600	6.33	36,000	10.55	40,000	11.72	1,626	3,252	4,050
	5	5	12	18	-	40	21,600	6.33	36,000	10.55	40,000	11.72	1,621	3,242	4,050
	5	5	15	15	-	40	21,600	6.33	36,000	10.55	40,000	11.72	1,645	3,291	4,050
	7	9	9	15	-	40	21,600	6.33	36,000	10.55	40,000	11.72	1,645	3,291	4,050
	7	9	12	12	-	40	21,600	6.33	36,000	10.55	40,000	11.72	1,645	3,291	4,050
	5	5	7	24	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,608	3,217	4,050
	5	9	9	18	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,616	3,233	4,050
	5	9	12	15	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,641	3,281	4,050
	5	12	12	12	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,641	3,281	4,050
	7	7	12	15	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,641	3,281	4,050
	7	7	9	18	-	41	21,600	6.33	36,000	10.55	40,000	11.72	1,616	3,233	4,050
	5	7	12	18	-	42	21,600	6.33	36,000	10.55	40,000	11.72	1,612	3,223	4,050
	5	7	15	15	-	42	21,600	6.33	36,000	10.55	40,000	11.72	1,636	3,272	4,050
	9	9	9	15	-	42	21,600	6.33	36,000	10.55	40,000	11.72	1,636	3,272	4,050
	5	9	12	12	-	42	21,600	6.33	36,000	10.55	40,000	11.72	1,636	3,272	4,050
	5	5	9	24	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,599	3,198	4,050
	5	5	15	18	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,607	3,214	4,050
	5	7	7	24	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,599	3,198	4,050
	7	9	9	18	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,607	3,214	4,050
	7	9	12	15	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,631	3,262	4,050
	7	12	12	12	-	43	21,600	6.33	36,000	10.55	40,000	11.72	1,631	3,262	4,050

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	9	12	18	-	44	21,600	6.33	36,000	10.55	40,000	11.72	1,602	3,204	4,050
	5	9	15	15	-	44	21,600	6.33	36,000	10.55	40,000	11.72	1,626	3,252	4,050
	5	12	12	15	-	44	21,600	6.33	36,000	10.55	40,000	11.72	1,626	3,252	4,050
	7	7	12	18	-	44	21,600	6.33	36,000	10.55	40,000	11.72	1,602	3,204	4,050
	7	7	15	15	-	44	21,600	6.33	36,000	10.55	40,000	11.72	1,626	3,252	4,050
	5	7	9	24	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,590	3,179	4,050
	5	7	15	18	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,598	3,195	4,050
	7	7	7	24	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,590	3,179	4,050
	9	9	9	18	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,598	3,195	4,050
	9	9	12	15	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,621	3,243	4,050
	9	12	12	12	-	45	21,600	6.33	36,000	10.55	40,000	11.72	1,621	3,243	4,050
	5	5	12	24	-	46	21,600	6.33	36,000	10.55	40,000	11.72	1,585	3,170	4,050
	5	5	18	18	-	46	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,139	4,050
	7	9	12	18	-	46	21,600	6.33	36,000	10.55	40,000	11.72	1,593	3,186	4,050
	7	9	15	15	-	46	21,600	6.33	36,000	10.55	40,000	11.72	1,617	3,233	4,050
	7	12	12	15	-	46	21,600	6.33	36,000	10.55	40,000	11.72	1,617	3,233	4,050
	5	9	9	24	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,161	4,050
	5	9	15	18	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,588	3,176	4,050
	5	12	12	18	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,588	3,176	4,050
	5	12	15	15	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,612	3,224	4,050
	7	7	9	24	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,161	4,050
	7	7	15	18	-	47	21,600	6.33	36,000	10.55	40,000	11.72	1,588	3,176	4,050
	5	7	12	24	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,576	3,152	4,050
	5	7	18	18	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,561	3,121	4,050
	9	9	12	18	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,167	4,050
	9	9	15	15	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,607	3,215	4,050
	9	12	12	15	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,607	3,215	4,050
	12	12	12	12	-	48	21,600	6.33	36,000	10.55	40,000	11.72	1,607	3,215	4,050
	5	5	15	24	-	49	21,600	6.33	36,000	10.55	40,000	11.72	1,571	3,143	4,050
	7	9	9	24	-	49	21,600	6.33	36,000	10.55	40,000	11.72	1,571	3,143	4,050
	7	9	15	18	-	49	21,600	6.33	36,000	10.55	40,000	11.72	1,579	3,158	4,050
	7	12	12	18	-	49	21,600	6.33	36,000	10.55	40,000	11.72	1,579	3,158	4,050
	7	12	15	15	-	49	21,600	6.33	36,000	10.55	40,000	11.72	1,603	3,205	4,050
	5	9	12	24	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,567	3,134	4,050
	5	9	18	18	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,103	4,050
	5	12	15	18	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,149	4,050
	5	15	15	15	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,598	3,196	4,050
	7	7	12	24	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,567	3,134	4,050
	7	7	18	18	-	50	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,103	4,050
	5	7	15	24	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,562	3,125	4,050
	9	9	9	24	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,562	3,125	4,050
	9	9	15	18	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,140	4,050
	9	12	12	18	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,140	4,050
	9	12	15	15	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,187	4,050
	12	12	12	15	-	51	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,187	4,050
	5	5	18	24	-	52	21,600	6.33	36,000	10.55	40,000	11.72	1,535	3,070	4,050
	7	9	12	24	-	52	21,600	6.33	36,000	10.55	40,000	11.72	1,558	3,116	4,050
	7	9	18	18	-	52	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,085	4,050
	7	12	15	18	-	52	21,600	6.33	36,000	10.55	40,000	11.72	1,565	3,131	4,050
	7	15	15	15	-	52	21,600	6.33	36,000	10.55	40,000	11.72	1,589	3,178	4,050
	5	9	15	24	-	53	21,600	6.33	36,000	10.55	40,000	11.72	1,553	3,107	4,050
	5	12	12	24	-	53	21,600	6.33	36,000	10.55	40,000	11.72	1,553	3,107	4,050
	5	12	18	18	-	53	21,600	6.33	36,000	10.55	40,000	11.72	1,538	3,077	4,050
	5	15	15	18	-	53	21,600	6.33	36,000	10.55	40,000	11.72	1,561	3,122	4,050
	7	7	15	24	-	53	21,600	6.33	36,000	10.55	40,000	11.72	1,553	3,107	4,050
	5	7	18	24	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,527	3,053	4,050
	9	9	12	24	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,549	3,098	4,050
	9	9	18	18	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,068	4,050
	9	12	15	18	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	4,050
	9	15	15	15	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,160	4,050
	12	12	12	18	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	4,050
	12	12	15	15	-	54	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,160	4,050
	7	9	15	24	-	55	21,600	6.33	36,000	10.55	40,000	11.72	1,545	3,089	4,050
	7	12	12	24	-	55	21,600	6.33	36,000	10.55	40,000	11.72	1,545	3,089	4,050
	7	12	18	18	-	55	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,059	4,050
	7	15	15	18	-	55	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	4,050
	5	9	18	24	-	56	21,600	6.33	36,000	10.55	40,000	11.72	1,518	3,036	4,050
	5	12	15	24	-	56	21,600	6.33	36,000	10.55	40,000	11.72	1,540	3,080	4,050
	5	15	18	18	-	56	21,600	6.33	36,000	10.55	40,000	11.72	1,525	3,050	4,050
	7	7	18	24	-	56	21,600	6.33	36,000	10.55	40,000	11.72	1,518	3,036	4,050
	9	9	15	24	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,536	3,072	4,050
	9	12	12	24	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,536	3,072	4,050
	9	12	18	18	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	4,050
	9	15	15	18	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,087	4,050
	12	12	15	18	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,087	4,050
	12	15	15	15	-	57	21,600	6.33	36,000	10.55	40,000	11.72	1,567	3,133	4,050

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU5R36

COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	5	5	5	25	15,000	4.40	25,000	7.33	30,000	8.79	732	1,463	2,195
	5	5	5	5	7	27	16,200	4.75	27,000	7.91	32,400	9.50	843	1,687	2,530
	5	5	5	5	9	29	17,400	5.10	29,000	8.50	34,800	10.20	971	1,943	2,914
	5	5	5	7	7	29	17,400	5.10	29,000	8.50	34,800	10.20	971	1,943	2,914
	5	5	5	7	9	31	18,600	5.45	31,000	9.09	37,200	10.90	1,119	2,239	3,358
	5	5	7	7	7	31	18,600	5.45	31,000	9.09	37,200	10.90	1,119	2,239	3,358
	5	5	5	5	12	32	19,200	5.63	32,000	9.38	38,400	11.25	1,200	2,401	3,601
	5	5	5	9	9	33	19,800	5.80	33,000	9.67	39,600	11.61	1,288	2,576	3,864
	5	5	7	7	9	33	19,800	5.80	33,000	9.67	39,600	11.61	1,288	2,576	3,864
	5	7	7	7	7	33	19,800	5.80	33,000	9.67	39,600	11.61	1,288	2,576	3,864
	5	5	5	7	12	34	20,400	5.98	34,000	9.96	40,000	11.72	1,383	2,765	3,905
	5	5	5	5	15	35	21,000	6.15	35,000	10.26	40,000	11.72	1,486	2,972	3,905
	5	5	7	9	9	35	21,000	6.15	35,000	10.26	40,000	11.72	1,486	2,972	3,905
	5	7	7	7	9	35	21,000	6.15	35,000	10.26	40,000	11.72	1,486	2,972	3,905
	7	7	7	7	7	35	21,000	6.15	35,000	10.26	40,000	11.72	1,486	2,972	3,905
	5	5	5	9	12	36	21,600	6.33	36,000	10.55	40,000	11.72	1,599	3,197	3,905
	5	5	7	7	12	36	21,600	6.33	36,000	10.55	40,000	11.72	1,599	3,197	3,905
	5	5	5	7	15	37	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,188	3,905
	5	5	9	9	9	37	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,188	3,905
	5	7	7	9	9	37	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,188	3,905
	7	7	7	7	9	37	21,600	6.33	36,000	10.55	40,000	11.72	1,594	3,188	3,905
	5	5	5	5	18	38	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,131	3,905
	5	5	7	9	12	38	21,600	6.33	36,000	10.55	40,000	11.72	1,589	3,178	3,905
	5	7	7	7	12	38	21,600	6.33	36,000	10.55	40,000	11.72	1,589	3,178	3,905
	5	5	5	9	15	39	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,169	3,905
	5	5	5	12	12	39	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,169	3,905
	5	5	7	7	15	39	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,169	3,905
	5	7	9	9	9	39	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,169	3,905
	7	7	7	9	9	39	21,600	6.33	36,000	10.55	40,000	11.72	1,584	3,169	3,905
	5	5	5	7	18	40	21,600	6.33	36,000	10.55	40,000	11.72	1,556	3,113	3,905
	5	5	9	9	12	40	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,159	3,905
	5	7	7	9	12	40	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,159	3,905
	7	7	7	7	12	40	21,600	6.33	36,000	10.55	40,000	11.72	1,580	3,159	3,905
	5	5	7	9	15	41	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,150	3,905
	5	5	7	12	12	41	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,150	3,905
	5	7	7	7	15	41	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,150	3,905
	5	9	9	9	9	41	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,150	3,905
	7	7	9	9	9	41	21,600	6.33	36,000	10.55	40,000	11.72	1,575	3,150	3,905
	5	5	5	9	18	42	21,600	6.33	36,000	10.55	40,000	11.72	1,547	3,094	3,905
	5	5	5	12	15	42	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,141	3,905
	5	5	7	7	18	42	21,600	6.33	36,000	10.55	40,000	11.72	1,547	3,094	3,905
	5	7	9	9	12	42	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,141	3,905
	7	7	7	9	12	42	21,600	6.33	36,000	10.55	40,000	11.72	1,570	3,141	3,905
	5	5	9	12	12	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	5	5	9	9	15	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	5	7	7	9	15	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	5	7	7	12	12	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	7	7	7	7	15	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	7	9	9	9	9	43	21,600	6.33	36,000	10.55	40,000	11.72	1,566	3,132	3,905
	5	5	5	5	24	44	21,600	6.33	36,000	10.55	40,000	11.72	1,531	3,061	3,905
	5	5	7	9	18	44	21,600	6.33	36,000	10.55	40,000	11.72	1,538	3,076	3,905
	5	5	7	12	15	44	21,600	6.33	36,000	10.55	40,000	11.72	1,561	3,122	3,905
	5	7	7	7	18	44	21,600	6.33	36,000	10.55	40,000	11.72	1,538	3,076	3,905
	5	9	9	9	12	44	21,600	6.33	36,000	10.55	40,000	11.72	1,561	3,122	3,905
	7	7	9	9	12	44	21,600	6.33	36,000	10.55	40,000	11.72	1,561	3,122	3,905
	5	5	5	12	18	45	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,067	3,905
	5	5	5	15	15	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	5	7	9	9	15	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	5	7	9	12	12	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	7	7	7	9	15	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	7	7	7	12	12	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	9	9	9	9	9	45	21,600	6.33	36,000	10.55	40,000	11.72	1,557	3,113	3,905
	5	5	9	12	15	46	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	3,905
	5	5	9	12	15	46	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	3,905
	5	5	5	7	24	46	21,600	6.33	36,000	10.55	40,000	11.72	1,522	3,043	3,905
	5	5	9	9	18	46	21,600	6.33	36,000	10.55	40,000	11.72	1,529	3,058	3,905
	5	5	12	12	12	46	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	3,905
	5	7	7	9	18	46	21,600	6.33	36,000	10.55	40,000	11.72	1,529	3,058	3,905
	5	7	7	12	15	46	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	3,905
	7	7	7	7	18	46	21,600	6.33	36,000	10.55	40,000	11.72	1,529	3,058	3,905
	7	9	9	9	12	46	21,600	6.33	36,000	10.55	40,000	11.72	1,552	3,104	3,905
	5	5	7	12	18	47	21,600	6.33	36,000	10.55	40,000	11.72	1,525	3,049	3,905
	5	5	7	15	15	47	21,600	6.33	36,000	10.55	40,000	11.72	1,548	3,095	3,905
	5	9	9	9	15	47	21,600	6.33	36,000	10.55	40,000	11.72	1,548	3,095	3,905
	9	9	9	12	12	47	21,600	6.33	36,000	10.55	40,000	11.72	1,548	3,095	3,905
	7	7	9	9	15	47	21,600	6.33	36,000	10.55	40,000	11.72	1,548	3,095	3,905
	7	7	9	12	12	47	21,600	6.33	36,000	10.55	40,000	11.72	1,548	3,095	3,905
	5	5	5	9	24	48	21,600	6.33	36,000	10.55	40,000	11.72	1,513	3,026	3,905
	5	5	5	15	18	48	21,600	6.33	36,000	10.55	40,000	11.72	1,520	3,041	3,905
	5	5	7	7	24	48	21,600	6.33	36,000	10.55	40,000	11.72	1,513	3,026	3,905
	5	7	9	9	18	48	21,600	6.33	36,000	10.55	40,000	11.72	1,520	3,041	3,905
	5	7	9	12	15	48	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,086	3,905
	5	7	12	12	12	48	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,086	3,905
	7	7	7	9	18	48	21,600	6.33	36,000	10.55	40,000	11.72	1,520	3,041	3,905
	7	7	7	12	15	48	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,086	3,905
	9	9	9	9	12	48	21,600	6.33	36,000	10.55	40,000	11.72	1,543	3,086	3,905

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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COOLING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	9	12	18	49	21,600	6.33	36,000	10.55	40,000	11.72	1,516	3,032	3,905
	5	5	9	15	15	49	21,600	6.33	36,000	10.55	40,000	11.72	1,539	3,077	3,905
	5	5	12	12	15	49	21,600	6.33	36,000	10.55	40,000	11.72	1,539	3,077	3,905
	5	7	7	12	18	49	21,600	6.33	36,000	10.55	40,000	11.72	1,516	3,032	3,905
	5	7	7	15	15	49	21,600	6.33	36,000	10.55	40,000	11.72	1,539	3,077	3,905
	7	9	9	9	15	49	21,600	6.33	36,000	10.55	40,000	11.72	1,539	3,077	3,905
	7	9	9	12	12	49	21,600	6.33	36,000	10.55	40,000	11.72	1,539	3,077	3,905
	5	5	7	9	24	50	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905
	5	5	7	15	18	50	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,023	3,905
	5	7	7	7	24	50	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905
	5	9	9	9	18	50	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,023	3,905
	5	9	9	12	15	50	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,068	3,905
	5	9	12	12	12	50	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,068	3,905
	7	7	9	9	18	50	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,023	3,905
	7	7	9	12	15	50	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,068	3,905
	7	7	12	12	12	50	21,600	6.33	36,000	10.55	40,000	11.72	1,534	3,068	3,905
	5	5	5	12	24	51	21,600	6.33	36,000	10.55	40,000	11.72	1,500	3,000	3,905
	5	5	5	18	18	51	21,600	6.33	36,000	10.55	40,000	11.72	1,485	2,970	3,905
	5	7	9	12	18	51	21,600	6.33	36,000	10.55	40,000	11.72	1,507	3,014	3,905
	5	7	9	15	15	51	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,060	3,905
	5	7	12	15	15	51	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,060	3,905
	7	7	7	12	18	51	21,600	6.33	36,000	10.55	40,000	11.72	1,507	3,014	3,905
	7	7	7	15	15	51	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,060	3,905
	9	9	9	9	15	51	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,060	3,905
	9	9	9	12	12	51	21,600	6.33	36,000	10.55	40,000	11.72	1,530	3,060	3,905
	5	5	9	9	24	52	21,600	6.33	36,000	10.55	40,000	11.72	1,496	2,991	3,905
	5	5	9	15	18	52	21,600	6.33	36,000	10.55	40,000	11.72	1,503	3,006	3,905
	5	5	12	12	18	52	21,600	6.33	36,000	10.55	40,000	11.72	1,503	3,006	3,905
	5	5	12	15	15	52	21,600	6.33	36,000	10.55	40,000	11.72	1,525	3,051	3,905
	5	7	7	9	24	52	21,600	6.33	36,000	10.55	40,000	11.72	1,496	2,991	3,905
	5	7	7	15	18	52	21,600	6.33	36,000	10.55	40,000	11.72	1,503	3,006	3,905
	7	7	7	7	24	52	21,600	6.33	36,000	10.55	40,000	11.72	1,496	2,991	3,905
	7	9	9	9	18	52	21,600	6.33	36,000	10.55	40,000	11.72	1,503	3,006	3,905
	7	9	9	12	15	52	21,600	6.33	36,000	10.55	40,000	11.72	1,525	3,051	3,905
	7	9	12	12	12	52	21,600	6.33	36,000	10.55	40,000	11.72	1,525	3,051	3,905
	5	5	7	12	24	53	21,600	6.33	36,000	10.55	40,000	11.72	1,491	2,982	3,905
	5	5	7	18	18	53	21,600	6.33	36,000	10.55	40,000	11.72	1,477	2,954	3,905
	5	9	9	12	18	53	21,600	6.33	36,000	10.55	40,000	11.72	1,499	2,997	3,905
	5	9	9	15	15	53	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	3,905
	5	9	12	12	15	53	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	3,905
	5	12	12	12	12	53	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	3,905
	7	7	9	12	18	53	21,600	6.33	36,000	10.55	40,000	11.72	1,499	2,997	3,905
	7	7	9	15	15	53	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	3,905
	7	7	12	12	15	53	21,600	6.33	36,000	10.55	40,000	11.72	1,521	3,042	3,905
	5	5	5	15	24	54	21,600	6.33	36,000	10.55	40,000	11.72	1,487	2,974	3,905
	5	7	9	9	24	54	21,600	6.33	36,000	10.55	40,000	11.72	1,487	2,974	3,905
	5	7	9	15	18	54	21,600	6.33	36,000	10.55	40,000	11.72	1,494	2,989	3,905
	5	7	12	12	18	54	21,600	6.33	36,000	10.55	40,000	11.72	1,494	2,989	3,905
	5	7	12	15	15	54	21,600	6.33	36,000	10.55	40,000	11.72	1,517	3,033	3,905
	7	7	7	9	24	54	21,600	6.33	36,000	10.55	40,000	11.72	1,487	2,974	3,905
	7	7	7	15	18	54	21,600	6.33	36,000	10.55	40,000	11.72	1,494	2,989	3,905
	9	9	9	9	18	54	21,600	6.33	36,000	10.55	40,000	11.72	1,494	2,989	3,905
	9	9	9	12	15	54	21,600	6.33	36,000	10.55	40,000	11.72	1,517	3,033	3,905
	9	9	12	12	12	54	21,600	6.33	36,000	10.55	40,000	11.72	1,517	3,033	3,905
	5	5	9	12	24	55	21,600	6.33	36,000	10.55	40,000	11.72	1,483	2,966	3,905
	5	5	9	18	18	55	21,600	6.33	36,000	10.55	40,000	11.72	1,468	2,937	3,905
	5	5	12	15	18	55	21,600	6.33	36,000	10.55	40,000	11.72	1,490	2,980	3,905
	5	5	15	15	15	55	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,025	3,905
	5	7	7	12	24	55	21,600	6.33	36,000	10.55	40,000	11.72	1,483	2,966	3,905
	5	7	7	18	18	55	21,600	6.33	36,000	10.55	40,000	11.72	1,468	2,937	3,905
	7	9	9	12	18	55	21,600	6.33	36,000	10.55	40,000	11.72	1,490	2,980	3,905
	7	9	9	15	15	55	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,025	3,905
	7	9	12	12	15	55	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,025	3,905
	7	12	12	12	12	55	21,600	6.33	36,000	10.55	40,000	11.72	1,512	3,025	3,905
	5	5	7	15	24	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	5	9	9	9	24	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	5	9	9	15	18	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	5	9	12	12	18	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	5	9	12	15	15	56	21,600	6.33	36,000	10.55	40,000	11.72	1,508	3,016	3,905
	5	12	12	12	15	56	21,600	6.33	36,000	10.55	40,000	11.72	1,508	3,016	3,905
	7	7	9	9	24	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	7	7	9	15	18	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	7	7	12	12	18	56	21,600	6.33	36,000	10.55	40,000	11.72	1,479	2,957	3,905
	5	5	5	18	24	57	21,600	6.33	36,000	10.55	40,000	11.72	1,453	2,906	3,905
	5	7	9	12	24	57	21,600	6.33	36,000	10.55	40,000	11.72	1,474	2,949	3,905
	5	7	9	18	18	57	21,600	6.33	36,000	10.55	40,000	11.72	1,460	2,920	3,905
	5	7	12	15	18	57	21,600	6.33	36,000	10.55	40,000	11.72	1,482	2,963	3,905
	5	7	15	15	15	57	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905
	7	7	7	12	24	57	21,600	6.33	36,000	10.55	40,000	11.72	1,474	2,949	3,905
	7	7	7	18	18	57	21,600	6.33	36,000	10.55	40,000	11.72	1,460	2,920	3,905
	9	9	9	12	18	57	21,600	6.33	36,000	10.55	40,000	11.72	1,482	2,963	3,905
	9	9	9	15	15	57	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905
	9	9	12	12	15	57	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905
	9	12	12	12	12	57	21,600	6.33	36,000	10.55	40,000	11.72	1,504	3,008	3,905

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU5R36

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
2 UNIT	5	5	-	-	-	10	6,900	2.02	11,500	3.37	13,225	3.88	254	508	736
	5	7	-	-	-	12	8,280	2.43	13,800	4.04	15,870	4.65	318	637	924
	5	9	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	389	779	1,129
	7	7	-	-	-	14	9,660	2.83	16,100	4.72	18,515	5.43	389	779	1,129
	7	9	-	-	-	16	11,040	3.24	18,400	5.39	21,160	6.20	467	935	1,356
	5	12	-	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	510	1,019	1,478
	9	9	-	-	-	18	12,420	3.64	20,700	6.07	23,805	6.98	554	1,108	1,606
	7	12	-	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	601	1,201	1,742
	5	15	-	-	-	20	13,800	4.04	23,000	6.74	26,450	7.75	650	1,300	1,885
	9	12	-	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	702	1,404	2,036
	7	15	-	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	757	1,515	2,197
	5	18	-	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	804	1,608	2,332
	9	15	-	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	879	1,757	2,548
	12	12	-	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	879	1,757	2,548
	7	18	-	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	926	1,853	2,687
	9	18	-	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	1,092	2,184	3,166
	12	15	-	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	1,092	2,184	3,166
	5	24	-	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,236	2,472	3,585
	12	18	-	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,355	2,710	3,930
	15	15	-	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,355	2,710	3,930
	7	24	-	-	-	31	21,390	6.27	35,650	10.45	40,998	12.02	1,429	2,858	4,144
	15	18	-	-	-	33	22,770	6.67	37,950	11.12	42,100	12.34	1,589	3,179	4,280
	12	24	-	-	-	36	23,400	6.86	39,000	11.43	42,100	12.34	1,751	3,502	4,280
	18	18	-	-	-	36	23,400	6.86	39,000	11.43	42,100	12.34	1,751	3,502	4,280
	15	24	-	-	-	39	23,400	6.86	39,000	11.43	42,100	12.34	1,956	3,912	4,280
	18	24	-	-	-	42	23,400	6.86	39,000	11.43	42,100	12.34	1,745	3,489	4,280
	24	24	-	-	-	48	23,400	6.86	39,000	11.43	42,100	12.34	1,460	2,919	4,280
3 UNIT	5	5	5	-	-	15	10,350	3.03	17,250	5.06	19,838	5.81	381	763	1,106
	5	5	7	-	-	17	11,730	3.44	19,550	5.73	22,482	6.59	454	908	1,317
	5	5	9	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	535	1,069	1,550
	5	7	7	-	-	19	13,110	3.84	21,850	6.40	25,127	7.36	535	1,069	1,550
	5	7	9	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	624	1,248	1,810
	7	7	7	-	-	21	14,490	4.25	24,150	7.08	27,772	8.14	624	1,248	1,810
	5	5	12	-	-	22	15,180	4.45	25,300	7.42	29,095	8.53	673	1,345	1,950
	5	9	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	724	1,448	2,100
	7	7	9	-	-	23	15,870	4.65	26,450	7.75	30,417	8.91	724	1,448	2,100
	5	7	12	-	-	24	16,560	4.85	27,600	8.09	31,740	9.30	779	1,557	2,258
	5	5	15	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	837	1,673	2,427
	7	9	9	-	-	25	17,250	5.06	28,750	8.43	33,062	9.69	837	1,673	2,427
	5	9	12	-	-	26	17,940	5.26	29,900	8.76	34,385	10.08	899	1,797	2,606
	7	7	12	-	-	26	17,940	5.26	29,900	8.76	34,385	10.08	899	1,797	2,606
	5	7	15	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	965	1,929	2,797
	9	9	9	-	-	27	18,630	5.46	31,050	9.10	35,707	10.47	965	1,929	2,797
	5	5	18	-	-	28	19,320	5.66	32,200	9.44	37,030	10.85	1,035	2,071	3,002
	7	9	12	-	-	28	19,320	5.66	32,200	9.44	37,030	10.85	1,035	2,071	3,002
	5	9	15	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,111	2,222	3,222
	5	12	12	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,111	2,222	3,222
	7	7	15	-	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,111	2,222	3,222
	5	7	18	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,175	2,350	3,407
	9	9	12	-	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,193	2,385	3,458
	7	9	15	-	-	31	21,390	6.27	35,650	10.45	40,998	12.02	1,280	2,561	3,713
	7	12	12	-	-	31	21,390	6.27	35,650	10.45	40,998	12.02	1,280	2,561	3,713
	5	9	18	-	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,346	2,693	3,904
	5	12	15	-	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,346	2,693	3,904
	7	7	18	-	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,346	2,693	3,904
	9	9	15	-	-	33	22,770	6.67	37,950	11.12	42,700	12.51	1,415	2,829	4,102
	9	12	12	-	-	33	22,770	6.67	37,950	11.12	42,700	12.51	1,415	2,829	4,102
	5	5	24	-	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,482	2,963	4,102
	7	9	18	-	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,482	2,963	4,102
	7	12	15	-	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,482	2,963	4,102
	5	12	18	-	-	35	23,400	6.86	39,000	11.43	42,700	12.51	1,511	3,021	4,102
	5	15	15	-	-	35	23,400	6.86	39,000	11.43	42,700	12.51	1,511	3,021	4,102
	5	7	24	-	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,541	3,081	4,102
	9	9	18	-	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,541	3,081	4,102
	9	12	15	-	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,541	3,081	4,102
	12	12	12	-	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,541	3,081	4,102
	7	12	18	-	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,513	3,027	4,102
	7	15	15	-	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,536	3,072	4,102
	5	9	24	-	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,501	3,003	4,102
	5	15	18	-	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,509	3,018	4,102
	7	7	24	-	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,501	3,003	4,102
	9	12	18	-	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,504	3,009	4,102
	9	15	15	-	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,527	3,054	4,102
	12	12	15	-	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,527	3,054	4,102
	7	9	24	-	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,493	2,985	4,102
	7	15	18	-	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,500	3,000	4,102
	5	12	24	-	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,488	2,976	4,102
	5	18	18	-	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,474	2,947	4,102
	9	9	24	-	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,484	2,968	4,102
	9	15	18	-	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,491	2,982	4,102
	12	12	18	-	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,491	2,982	4,102
	12	15	15	-	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,513	3,027	4,102
	7	12	24	-	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,479	2,959	4,102
	7	18	18	-	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,465	2,930	4,102
	5	15	24	-	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,475	2,950	4,102

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU5R36

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
3 UNIT	9	12	24	-	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,471	2,942	4,102
	9	18	18	-	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,456	2,913	4,102
	12	15	18	-	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,478	2,956	4,102
	15	15	15	-	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,500	3,000	4,102
	7	15	24	-	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,466	2,933	4,102
	5	18	24	-	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,441	2,882	4,102
	9	15	24	-	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,458	2,916	4,102
	12	12	24	-	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,458	2,916	4,102
	12	18	18	-	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,444	2,888	4,102
	15	15	18	-	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,465	2,930	4,102
	7	18	24	-	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,433	2,865	4,102
	9	18	24	-	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,424	2,849	4,102
	12	15	24	-	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,445	2,891	4,102
	15	18	18	-	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,431	2,863	4,102
	5	24	24	-	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,410	2,819	4,102
	12	18	24	-	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,412	2,825	4,102
	15	15	24	-	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,433	2,866	4,102
	18	18	18	-	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,399	2,798	4,102
	7	24	24	-	-	55	23,400	6.86	39,000	11.43	42,700	12.51	1,402	2,803	4,102
	9	24	24	-	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,394	2,787	4,102
	15	18	24	-	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,400	2,801	4,102
4 UNIT	5	5	5	5	-	20	13,800	4.04	23,000	6.74	26,450	7.75	532	1,064	1,542
	5	5	5	7	-	22	15,180	4.45	25,300	7.42	29,095	8.53	619	1,237	1,794
	5	5	5	9	-	24	16,560	4.85	27,600	8.09	31,740	9.30	716	1,433	2,077
	5	5	7	7	-	24	16,560	4.85	27,600	8.09	31,740	9.30	716	1,433	2,077
	5	5	7	9	-	26	17,940	5.26	29,900	8.76	34,385	10.08	827	1,653	2,397
	5	7	7	7	-	26	17,940	5.26	29,900	8.76	34,385	10.08	827	1,653	2,397
	5	5	5	12	-	27	18,630	5.46	31,050	9.10	35,707	10.47	887	1,775	2,574
	5	5	9	9	-	28	19,320	5.66	32,200	9.44	37,030	10.85	952	1,905	2,762
	5	7	7	9	-	28	19,320	5.66	32,200	9.44	37,030	10.85	952	1,905	2,762
	7	7	7	7	-	28	19,320	5.66	32,200	9.44	37,030	10.85	952	1,905	2,762
	5	5	7	12	-	29	20,010	5.86	33,350	9.77	38,352	11.24	1,022	2,044	2,964
	5	5	5	15	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,136	2,273	3,296
	5	7	9	9	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,136	2,273	3,296
	7	7	7	9	-	30	20,700	6.07	34,500	10.11	39,675	11.63	1,136	2,273	3,296
	5	5	9	12	-	31	21,390	6.27	35,650	10.45	40,998	12.02	1,178	2,356	3,416
	5	7	7	12	-	31	21,390	6.27	35,650	10.45	40,998	12.02	1,178	2,356	3,416
	5	5	7	15	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,237	2,474	3,587
	5	9	9	9	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,237	2,474	3,587
	7	7	9	9	-	32	22,080	6.47	36,800	10.79	42,320	12.40	1,237	2,474	3,587
	5	5	5	18	-	33	22,770	6.67	37,950	11.12	42,700	12.51	1,300	2,600	3,770
	5	7	9	12	-	33	22,770	6.67	37,950	11.12	42,700	12.51	1,300	2,600	3,770
	7	7	7	12	-	33	22,770	6.67	37,950	11.12	42,700	12.51	1,300	2,600	3,770
	5	5	9	15	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,362	2,724	3,770
	5	5	12	12	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,362	2,724	3,770
	5	7	7	15	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,362	2,724	3,770
	7	9	9	9	-	34	23,400	6.86	39,000	11.43	42,700	12.51	1,362	2,724	3,770
	5	5	7	18	-	35	23,400	6.86	39,000	11.43	42,700	12.51	1,389	2,778	3,770
	5	9	9	12	-	35	23,400	6.86	39,000	11.43	42,700	12.51	1,389	2,778	3,770
	7	7	9	12	-	35	23,400	6.86	39,000	11.43	42,700	12.51	1,389	2,778	3,770
	5	7	9	15	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,417	2,835	3,770
	5	7	12	12	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,417	2,835	3,770
	7	7	7	15	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,417	2,835	3,770
	9	9	9	9	-	36	23,400	6.86	39,000	11.43	42,700	12.51	1,417	2,835	3,770
	5	5	9	18	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,392	2,785	3,770
	5	5	12	15	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,413	2,826	3,770
	5	7	7	18	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,392	2,785	3,770
	7	9	9	12	-	37	23,400	6.86	39,000	11.43	42,700	12.51	1,413	2,826	3,770
	5	9	9	15	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,409	2,818	3,770
	5	9	12	12	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,409	2,818	3,770
	7	7	9	15	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,409	2,818	3,770
	7	7	12	12	-	38	23,400	6.86	39,000	11.43	42,700	12.51	1,409	2,818	3,770
	5	5	5	24	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,377	2,755	3,770
	5	7	9	18	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,384	2,768	3,770
	5	7	12	15	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,405	2,810	3,770
	9	9	9	12	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,405	2,810	3,770
	7	7	7	18	-	39	23,400	6.86	39,000	11.43	42,700	12.51	1,384	2,768	3,770
	5	5	12	18	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,380	2,760	3,770
	5	5	15	15	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,401	2,801	3,770
	7	9	9	15	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,401	2,801	3,770
	7	9	12	12	-	40	23,400	6.86	39,000	11.43	42,700	12.51	1,401	2,801	3,770
	5	5	7	24	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,369	2,738	3,770
	5	9	9	18	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,376	2,752	3,770
	5	9	12	15	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,396	2,793	3,770
	5	12	12	12	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,396	2,793	3,770
	7	7	12	15	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,396	2,793	3,770
	7	7	9	18	-	41	23,400	6.86	39,000	11.43	42,700	12.51	1,376	2,752	3,770
	5	7	12	18	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,372	2,744	3,770
	5	7	15	15	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,392	2,785	3,770
	9	9	9	15	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,392	2,785	3,770
	5	9	12	12	-	42	23,400	6.86	39,000	11.43	42,700	12.51	1,392	2,785	3,770

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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MU5R36

HEATING															
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
4 UNIT	5	5	9	24	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,361	2,722	3,770
	5	5	15	18	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,368	2,736	3,770
	5	7	7	24	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,361	2,722	3,770
	7	9	9	18	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,368	2,736	3,770
	7	9	12	15	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,388	2,777	3,770
	7	12	12	12	-	43	23,400	6.86	39,000	11.43	42,700	12.51	1,388	2,777	3,770
	5	9	12	18	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,364	2,728	3,770
	5	9	15	15	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,384	2,768	3,770
	5	12	12	15	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,384	2,768	3,770
	7	7	12	18	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,364	2,728	3,770
	7	7	15	15	-	44	23,400	6.86	39,000	11.43	42,700	12.51	1,384	2,768	3,770
	5	7	9	24	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,353	2,706	3,770
	5	7	15	18	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,360	2,720	3,770
	7	7	7	24	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,353	2,706	3,770
	9	9	9	18	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,360	2,720	3,770
	9	9	12	15	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,380	2,760	3,770
	9	12	12	12	-	45	23,400	6.86	39,000	11.43	42,700	12.51	1,380	2,760	3,770
	5	5	12	24	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,698	3,770
	5	5	18	18	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,336	2,672	3,770
	7	9	12	18	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,356	2,712	3,770
	7	9	15	15	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,376	2,752	3,770
	7	12	12	15	-	46	23,400	6.86	39,000	11.43	42,700	12.51	1,376	2,752	3,770
	5	9	9	24	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,691	3,770
	5	9	15	18	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,352	2,704	3,770
	5	12	12	18	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,352	2,704	3,770
	5	12	15	15	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,372	2,744	3,770
	7	7	9	24	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,691	3,770
	7	7	15	18	-	47	23,400	6.86	39,000	11.43	42,700	12.51	1,352	2,704	3,770
	5	7	12	24	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,683	3,770
	5	7	18	18	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,328	2,657	3,770
	9	9	12	18	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,348	2,696	3,770
	9	9	15	15	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,368	2,736	3,770
	9	12	12	15	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,368	2,736	3,770
	12	12	12	12	-	48	23,400	6.86	39,000	11.43	42,700	12.51	1,368	2,736	3,770
	5	5	15	24	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,337	2,675	3,770
	7	9	9	24	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,337	2,675	3,770
	7	9	15	18	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,344	2,688	3,770
	7	12	12	18	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,344	2,688	3,770
	7	12	15	15	-	49	23,400	6.86	39,000	11.43	42,700	12.51	1,364	2,728	3,770
	5	9	12	24	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,334	2,667	3,770
	5	9	18	18	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,641	3,770
	5	12	15	18	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,340	2,680	3,770
	5	15	15	15	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,360	2,721	3,770
	7	7	12	24	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,334	2,667	3,770
	7	7	18	18	-	50	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,641	3,770
	5	7	15	24	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,330	2,660	3,770
	9	9	9	24	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,330	2,660	3,770
	9	9	15	18	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,336	2,673	3,770
	9	12	12	18	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,336	2,673	3,770
	9	12	15	15	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,356	2,713	3,770
	12	12	12	15	-	51	23,400	6.86	39,000	11.43	42,700	12.51	1,356	2,713	3,770
	5	5	18	24	-	52	23,400	6.86	39,000	11.43	42,700	12.51	1,307	2,614	3,770
	7	9	12	24	-	52	23,400	6.86	39,000	11.43	42,700	12.51	1,326	2,652	3,770
	7	9	18	18	-	52	23,400	6.86	39,000	11.43	42,700	12.51	1,313	2,626	3,770
	7	12	15	18	-	52	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,665	3,770
	7	15	15	15	-	52	23,400	6.86	39,000	11.43	42,700	12.51	1,353	2,705	3,770
	5	9	15	24	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,322	2,644	3,770
	5	12	12	24	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,322	2,644	3,770
	5	12	18	18	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,309	2,619	3,770
	5	15	15	18	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,329	2,657	3,770
	7	7	15	24	-	53	23,400	6.86	39,000	11.43	42,700	12.51	1,322	2,644	3,770
	5	7	18	24	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,299	2,599	3,770
	9	9	12	24	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,318	2,637	3,770
	9	9	18	18	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,306	2,611	3,770
	9	12	15	18	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,770
	9	15	15	15	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,690	3,770
	12	12	12	18	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,770
	12	12	15	15	-	54	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,690	3,770
	7	9	15	24	-	55	23,400	6.86	39,000	11.43	42,700	12.51	1,315	2,629	3,770
	7	12	12	24	-	55	23,400	6.86	39,000	11.43	42,700	12.51	1,315	2,629	3,770
	7	12	18	18	-	55	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,770
	7	15	15	18	-	55	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,770
	5	9	18	24	-	56	23,400	6.86	39,000	11.43	42,700	12.51	1,292	2,584	3,770
	5	12	15	24	-	56	23,400	6.86	39,000	11.43	42,700	12.51	1,311	2,622	3,770
	5	15	18	18	-	56	23,400	6.86	39,000	11.43	42,700	12.51	1,298	2,597	3,770
	7	7	18	24	-	56	23,400	6.86	39,000	11.43	42,700	12.51	1,292	2,584	3,770
	9	9	15	24	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,307	2,615	3,770
	9	12	12	24	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,307	2,615	3,770
	9	12	18	18	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,770
	9	15	15	18	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,314	2,627	3,770
	12	12	15	18	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,314	2,627	3,770
	12	15	15	15	-	57	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,667	3,770

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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MU5R36

HEATING																
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	5	5	5	25	17,250	5.06	28,750	8.43	33,062	9.69	739	1,478	2,143
	5	5	5	5	7	27	18,630	5.46	31,050	9.10	35,707	10.47	852	1,704	2,471
	5	5	5	5	9	29	20,010	5.86	33,350	9.77	38,352	11.24	981	1,963	2,846
	5	5	5	7	7	29	20,010	5.86	33,350	9.77	38,352	11.24	981	1,963	2,846
	5	5	5	7	9	31	21,390	6.27	35,650	10.45	40,998	12.02	1,131	2,262	3,279
	5	5	7	7	7	31	21,390	6.27	35,650	10.45	40,998	12.02	1,148	2,296	3,445
	5	5	5	5	12	32	22,080	6.47	36,800	10.79	42,320	12.40	1,204	2,407	3,611
	5	5	5	9	9	33	22,770	6.67	37,950	11.12	42,700	12.51	1,261	2,522	3,783
	5	5	7	7	9	33	22,770	6.67	37,950	11.12	42,700	12.51	1,261	2,522	3,783
	5	7	7	7	7	33	22,770	6.67	37,950	11.12	42,700	12.51	1,261	2,522	3,783
	5	5	5	7	12	34	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,634	3,783
	5	5	5	5	15	35	23,400	6.86	39,000	11.43	42,700	12.51	1,338	2,677	3,783
	5	5	7	9	9	35	23,400	6.86	39,000	11.43	42,700	12.51	1,338	2,677	3,783
	5	7	7	7	9	35	23,400	6.86	39,000	11.43	42,700	12.51	1,338	2,677	3,783
	7	7	7	7	7	35	23,400	6.86	39,000	11.43	42,700	12.51	1,338	2,677	3,783
	5	5	5	9	12	36	23,400	6.86	39,000	11.43	42,700	12.51	1,361	2,721	3,783
	5	5	7	7	12	36	23,400	6.86	39,000	11.43	42,700	12.51	1,361	2,721	3,783
	5	5	5	7	15	37	23,400	6.86	39,000	11.43	42,700	12.51	1,357	2,713	3,783
	5	5	9	9	9	37	23,400	6.86	39,000	11.43	42,700	12.51	1,357	2,713	3,783
	5	7	7	9	9	37	23,400	6.86	39,000	11.43	42,700	12.51	1,357	2,713	3,783
	7	7	7	7	9	37	23,400	6.86	39,000	11.43	42,700	12.51	1,357	2,713	3,783
	5	5	5	5	18	38	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,665	3,783
	5	5	7	9	12	38	23,400	6.86	39,000	11.43	42,700	12.51	1,353	2,705	3,783
	5	7	7	7	12	38	23,400	6.86	39,000	11.43	42,700	12.51	1,353	2,705	3,783
	5	5	5	9	15	39	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,697	3,783
	5	5	5	12	12	39	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,697	3,783
	5	5	7	7	15	39	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,697	3,783
	5	7	9	9	9	39	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,697	3,783
	7	7	7	9	9	39	23,400	6.86	39,000	11.43	42,700	12.51	1,349	2,697	3,783
	5	5	5	7	18	40	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,649	3,783
	5	5	9	9	12	40	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,689	3,783
	5	7	7	9	12	40	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,689	3,783
	7	7	7	7	12	40	23,400	6.86	39,000	11.43	42,700	12.51	1,345	2,689	3,783
	5	5	7	9	15	41	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,681	3,783
	5	5	7	12	12	41	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,681	3,783
	5	7	7	7	15	41	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,681	3,783
	5	9	9	9	9	41	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,681	3,783
	7	7	9	9	9	41	23,400	6.86	39,000	11.43	42,700	12.51	1,341	2,681	3,783
	5	5	5	9	18	42	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,634	3,783
	5	5	5	12	15	42	23,400	6.86	39,000	11.43	42,700	12.51	1,337	2,673	3,783
	5	5	7	7	18	42	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,634	3,783
	7	7	7	9	12	42	23,400	6.86	39,000	11.43	42,700	12.51	1,337	2,673	3,783
	5	5	9	12	12	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	5	5	9	9	15	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	5	7	7	9	15	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	5	7	7	12	12	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	7	7	7	7	15	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	7	9	9	9	9	43	23,400	6.86	39,000	11.43	42,700	12.51	1,333	2,666	3,783
	5	5	5	5	24	44	23,400	6.86	39,000	11.43	42,700	12.51	1,303	2,606	3,783
	5	5	7	9	18	44	23,400	6.86	39,000	11.43	42,700	12.51	1,309	2,618	3,783
	5	5	7	12	15	44	23,400	6.86	39,000	11.43	42,700	12.51	1,329	2,658	3,783
	5	7	7	7	18	44	23,400	6.86	39,000	11.43	42,700	12.51	1,309	2,618	3,783
	5	9	9	9	12	44	23,400	6.86	39,000	11.43	42,700	12.51	1,329	2,658	3,783
	7	7	9	9	12	44	23,400	6.86	39,000	11.43	42,700	12.51	1,329	2,658	3,783
	5	5	5	12	18	45	23,400	6.86	39,000	11.43	42,700	12.51	1,305	2,611	3,783
	5	5	5	15	15	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	5	7	9	9	15	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	5	7	9	12	12	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	7	7	7	9	15	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	7	7	7	12	12	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	9	9	9	9	9	45	23,400	6.86	39,000	11.43	42,700	12.51	1,325	2,650	3,783
	5	5	9	12	15	46	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,783
	5	5	9	12	15	46	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,783
	5	5	5	7	24	46	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,590	3,783
	5	5	9	9	18	46	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,603	3,783
	5	5	12	12	12	46	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,783
	5	7	7	9	18	46	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,603	3,783
	5	7	7	12	15	46	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,783
	7	7	7	7	18	46	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,603	3,783
	7	9	9	9	12	46	23,400	6.86	39,000	11.43	42,700	12.51	1,321	2,642	3,783
	5	5	7	12	18	47	23,400	6.86	39,000	11.43	42,700	12.51	1,298	2,596	3,783
	5	5	7	15	15	47	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,635	3,783
	5	9	9	9	15	47	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,635	3,783
	9	9	9	12	12	47	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,635	3,783
	7	7	9	9	15	47	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,635	3,783
	7	7	9	12	12	47	23,400	6.86	39,000	11.43	42,700	12.51	1,317	2,635	3,783
	5	5	5	9	24	48	23,400	6.86	39,000	11.43	42,700	12.51	1,288	2,575	3,783
	5	5	5	15	18	48	23,400	6.86	39,000	11.43	42,700	12.51	1,294	2,588	3,783
	5	5	7	7	24	48	23,400	6.86	39,000	11.43	42,700	12.51	1,288	2,575	3,783
	5	7	9	9	18	48	23,400	6.86	39,000	11.43	42,700	12.51	1,294	2,588	3,783
	5	7	9	12	15	48	23,400	6.86	39,000	11.43	42,700	12.51	1,313	2,627	3,783
	5	7	12	12	12	48	23,400	6.86	39,000	11.43	42,700	12.51	1,313	2,627	3,783
	7	7	7	9	18	48	23,400	6.86	39,000	11.43	42,700	12.51	1,294	2,588	3,783
	7	7	7	12	15	48	23,400	6.86	39,000	11.43	42,700	12.51	1,313	2,627	3,783
	9	9	9	9	12	48	23,400	6.86	39,000	11.43	42,700	12.51	1,313	2,627	3,783

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

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HEATING																
OPERATION	INDOOR UNIT OPERATING (CAPACITY INDEX, kBtu/h)						TOTAL CAPACITY						INPUT(W)		
							MIN.		RATED		MAX.				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	TOTAL	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
5 UNIT	5	5	9	12	18	49	23,400	6.86	39,000	11.43	42,700	12.51	1,290	2,581	3,783
	5	5	9	15	15	49	23,400	6.86	39,000	11.43	42,700	12.51	1,310	2,619	3,783
	5	5	12	12	15	49	23,400	6.86	39,000	11.43	42,700	12.51	1,310	2,619	3,783
	5	7	7	12	18	49	23,400	6.86	39,000	11.43	42,700	12.51	1,290	2,581	3,783
	5	7	7	15	15	49	23,400	6.86	39,000	11.43	42,700	12.51	1,310	2,619	3,783
	7	9	9	9	15	49	23,400	6.86	39,000	11.43	42,700	12.51	1,310	2,619	3,783
	7	9	9	12	12	49	23,400	6.86	39,000	11.43	42,700	12.51	1,310	2,619	3,783
	5	5	7	9	24	50	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,561	3,783
	5	5	7	15	18	50	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,573	3,783
	5	7	7	7	24	50	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,561	3,783
	5	9	9	9	18	50	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,573	3,783
	5	9	9	12	15	50	23,400	6.86	39,000	11.43	42,700	12.51	1,306	2,612	3,783
	5	9	12	12	12	50	23,400	6.86	39,000	11.43	42,700	12.51	1,306	2,612	3,783
	7	7	9	9	18	50	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,573	3,783
	7	7	9	12	15	50	23,400	6.86	39,000	11.43	42,700	12.51	1,306	2,612	3,783
	7	7	12	12	12	50	23,400	6.86	39,000	11.43	42,700	12.51	1,306	2,612	3,783
	5	5	5	12	24	51	23,400	6.86	39,000	11.43	42,700	12.51	1,277	2,553	3,783
	5	5	5	18	18	51	23,400	6.86	39,000	11.43	42,700	12.51	1,264	2,528	3,783
	5	7	9	12	18	51	23,400	6.86	39,000	11.43	42,700	12.51	1,283	2,566	3,783
	5	7	9	15	15	51	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,783
	5	7	12	15	15	51	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,783
	7	7	7	12	18	51	23,400	6.86	39,000	11.43	42,700	12.51	1,283	2,566	3,783
	7	7	7	15	15	51	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,783
	9	9	9	9	15	51	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,783
	9	9	9	12	12	51	23,400	6.86	39,000	11.43	42,700	12.51	1,302	2,604	3,783
	5	5	9	9	24	52	23,400	6.86	39,000	11.43	42,700	12.51	1,273	2,546	3,783
	5	5	9	15	18	52	23,400	6.86	39,000	11.43	42,700	12.51	1,279	2,558	3,783
	5	5	12	12	18	52	23,400	6.86	39,000	11.43	42,700	12.51	1,279	2,558	3,783
	5	5	12	15	15	52	23,400	6.86	39,000	11.43	42,700	12.51	1,298	2,597	3,783
	5	7	7	9	24	52	23,400	6.86	39,000	11.43	42,700	12.51	1,273	2,546	3,783
	5	7	7	15	18	52	23,400	6.86	39,000	11.43	42,700	12.51	1,279	2,558	3,783
	7	7	7	7	24	52	23,400	6.86	39,000	11.43	42,700	12.51	1,273	2,546	3,783
	7	9	9	9	18	52	23,400	6.86	39,000	11.43	42,700	12.51	1,279	2,558	3,783
	7	9	9	12	15	52	23,400	6.86	39,000	11.43	42,700	12.51	1,298	2,597	3,783
	7	9	12	12	12	52	23,400	6.86	39,000	11.43	42,700	12.51	1,298	2,597	3,783
	5	5	7	12	24	53	23,400	6.86	39,000	11.43	42,700	12.51	1,269	2,539	3,783
	5	5	7	18	18	53	23,400	6.86	39,000	11.43	42,700	12.51	1,257	2,514	3,783
	5	9	9	12	18	53	23,400	6.86	39,000	11.43	42,700	12.51	1,276	2,551	3,783
	5	9	9	15	15	53	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,783
	5	9	12	12	15	53	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,783
	5	12	12	12	12	53	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,783
	7	7	9	12	18	53	23,400	6.86	39,000	11.43	42,700	12.51	1,276	2,551	3,783
	7	7	9	15	15	53	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,783
	7	7	12	12	15	53	23,400	6.86	39,000	11.43	42,700	12.51	1,295	2,589	3,783
	5	5	5	15	24	54	23,400	6.86	39,000	11.43	42,700	12.51	1,266	2,531	3,783
	5	7	9	9	24	54	23,400	6.86	39,000	11.43	42,700	12.51	1,266	2,531	3,783
	5	7	9	15	18	54	23,400	6.86	39,000	11.43	42,700	12.51	1,272	2,544	3,783
	5	7	12	12	18	54	23,400	6.86	39,000	11.43	42,700	12.51	1,272	2,544	3,783
	5	7	12	15	15	54	23,400	6.86	39,000	11.43	42,700	12.51	1,291	2,582	3,783
	7	7	7	9	24	54	23,400	6.86	39,000	11.43	42,700	12.51	1,266	2,531	3,783
	7	7	7	15	18	54	23,400	6.86	39,000	11.43	42,700	12.51	1,272	2,544	3,783
	9	9	9	9	18	54	23,400	6.86	39,000	11.43	42,700	12.51	1,272	2,544	3,783
	9	9	9	12	15	54	23,400	6.86	39,000	11.43	42,700	12.51	1,291	2,582	3,783
	9	9	12	12	12	54	23,400	6.86	39,000	11.43	42,700	12.51	1,291	2,582	3,783
	5	5	9	12	24	55	23,400	6.86	39,000	11.43	42,700	12.51	1,262	2,524	3,783
	5	5	9	18	18	55	23,400	6.86	39,000	11.43	42,700	12.51	1,250	2,500	3,783
	5	5	12	15	18	55	23,400	6.86	39,000	11.43	42,700	12.51	1,268	2,537	3,783
	5	5	15	15	15	55	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,575	3,783
	5	7	7	12	24	55	23,400	6.86	39,000	11.43	42,700	12.51	1,262	2,524	3,783
	5	7	7	18	18	55	23,400	6.86	39,000	11.43	42,700	12.51	1,250	2,500	3,783
	7	9	9	12	18	55	23,400	6.86	39,000	11.43	42,700	12.51	1,268	2,537	3,783
	7	9	9	15	15	55	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,575	3,783
	7	9	12	12	15	55	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,575	3,783
	7	12	12	12	12	55	23,400	6.86	39,000	11.43	42,700	12.51	1,287	2,575	3,783
	5	5	7	15	24	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	5	9	9	9	24	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	5	9	9	15	18	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	5	9	12	12	18	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	5	9	12	15	15	56	23,400	6.86	39,000	11.43	42,700	12.51	1,284	2,567	3,783
	5	12	12	12	15	56	23,400	6.86	39,000	11.43	42,700	12.51	1,284	2,567	3,783
	7	7	9	9	24	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	7	7	9	15	18	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	7	7	12	12	18	56	23,400	6.86	39,000	11.43	42,700	12.51	1,259	2,517	3,783
	5	5	5	18	24	57	23,400	6.86	39,000	11.43	42,700	12.51	1,237	2,474	3,783
	5	7	9	12	24	57	23,400	6.86	39,000	11.43	42,700	12.51	1,255	2,510	3,783
	5	7	9	18	18	57	23,400	6.86	39,000	11.43	42,700	12.51	1,243	2,486	3,783
	5	7	12	15	18	57	23,400	6.86	39,000	11.43	42,700	12.51	1,261	2,522	3,783
	5	7	15	15	15	57	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,560	3,783
	7	7	7	12	24	57	23,400	6.86	39,000	11.43	42,700	12.51	1,255	2,510	3,783
	7	7	7	18	18	57	23,400	6.86	39,000	11.43	42,700	12.51	1,243	2,486	3,783
	9	9	9	12	18	57	23,400	6.86	39,000	11.43	42,700	12.51	1,261	2,522	3,783
	9	9	9	15	15	57	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,560	3,783
	9	9	12	12	15	57	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,560	3,783
	9	12	12	12	12	57	23,400	6.86	39,000	11.43	42,700	12.51	1,280	2,560	3,783

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R410 MULTI SPLIT





R410A

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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OUTDOOR				FM40AH.U34
Compressor	Type		-	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	2.8 / 12.3 / 15.4
	Heating	Min. / Nom. / Max.	kW	3.1 / 13.5 / 16.2
Low Temperature Capacity	Heating	Max.	kW	12.5
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.82 / 2.42 / 4.90
	Heating	Min. / Nom. / Max.	kW	0.89 / 2.87 / 5.10
Running Current**	Cooling	Min. / Nom. / Max.	A	3.7 / 11.0 / 22.2
	Heating	Min. / Nom. / Max.	A	4.0 / 13.0 / 23.1
EER				5.08
COP				4.70
SEER				7.40
SCOP				4.20
Pdesign (@-10°C)			kW	8.6
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating		-	- / -
Annual Energy Consumption	Cooling / Heating		kWh	981 / 2,867
Air Flow Rate		Nom.	m^3/min x No.	110
Sound Pressure Level*	Cooling	Nom.	dB(A)	51
	Heating	Nom.	dB(A)	53
Sound Power Level	Cooling	Max.	dB(A)	69
	Heating	Max.	dB(A)	70
Dimensions		W x H x D	mm	950 x 1,380 x 330
Net Weight			kg	87
Refrigerant	Type		-	R410A
	Charge		kg	4.2
	Additional Charging Volume		g/m	20
	GWP (Global Warming Potential)		-	2,087.5
	t-CO_2eq		-	8.768
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48
	Heating	Min. / Max.	°C WB	-25 / 18
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50
Power Supply Cable			No. x mm^2	3C x 4.0
Transmission Cable	ODU-BD		No. x mm^2	4C x 1.25
	BD-IDU		No. x mm^2	4C x 0.75
Circuit Breaker			A	40
Max Piping Length	Total Piping (Main+Total Branch)		m	125
	Main Piping		m	55
	Total Branch Piping		m	70
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max.	m	30
	IDU-IDU	Max.	m	15
Piping Connections	Liquid		mm (inch) x No.	Ø9.52 x 1
	Gas		mm (inch) x No.	Ø19.05 x1

* : Sound Pressure is not a value declared on Eurovent Program.
Note : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases. (R410A)
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.



R410A

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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OUTDOOR				FM48AH.U34	FM56AH.U34
Compressor	Type		-	Scroll	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	3.3 / 14.1 / 17.0	4.0 / 15.5 / 18.5
	Heating	Min. / Nom. / Max.	kW	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8
Low Temperature Capacity	Heating	Max.	kW	14.5	15.5
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.96 / 3.12 / 5.30	1.18 / 3.87 / 5.60
	Heating	Min. / Nom. / Max.	kW	1.06 / 3.76 / 5.40	1.29 / 4.34 / 5.80
Running Current**	Cooling	Min. / Nom. / Max.	A	4.4 / 14.1 / 24.0	5.3 / 17.5 / 25.4
	Heating	Min. / Nom. / Max.	A	4.8 / 17.0 / 24.5	5.9 / 19.7 / 26.3
EER				4.51	4.01
COP				4.25	4.01
SEER				7.20	6.90
SCOP				4.20	4.20
Pdesign(@-10°C)			kW	9.5	9.5
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating		-	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	1,167 / 3,167	1,348 / 3,167
Air Flow Rate		Nom.	m^3/min x No.	110	110
Sound Pressure Level*	Cooling	Nom.	dB(A)	53	53
	Heating	Nom.	dB(A)	55	55
Sound Power Level	Cooling	Max.	dB(A)	71	73
	Heating	Max.	dB(A)	72	74
Dimensions		W x H x D	mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	87	87
Refrigerant	Type		-	R410A	R410A
	Charge		kg	4.2	4.2
	Additional Charging Volume		g/m	20	20
	GWP (Global Warming Potential)		-	2,087.5	2,087.5
	t-CO_2eq		-	8.768	8.768
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-25 / 18	-25 / 18
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			No. x mm^2	3C x 4.0	3C x 4.0
Transmission Cable	ODU-BD		No. x mm^2	4C x 1.25	4C x 1.25
	BD-IDU		No. x mm^2	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40
Max Piping Length	Total Piping (Main+Total Branch)		m	135	145
	Main Piping		m	55	55
	Total Branch Piping		m	80	90
	Each Branch Piping		m	15	15
Piping Elevation Difference	IDU-ODU	Max.	m	30	30
	IDU-IDU	Max.	m	15	15
Piping Connections	Liquid		mm (inch) x No.	Ø9.52 x 1	Ø9.52 x 1
	Gas		mm (inch) x No.	Ø19.05 x1	Ø19.05 x1

* : Sound Pressure is not a value declared on Eurovent Program.
Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases. (R410A)
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※ Specifications may vary by each model or IDU / ODU combination.



R410A

3Phase

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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OUTDOOR				FM41AH.U34	FM49AH.U34	FM57AH.U34
Compressor	Type		-	Scroll	Scroll	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	2.8 / 12.3 / 15.4	3.3 / 14.1 / 17.0	4.0 / 15.5 / 18.5
	Heating	Min. / Nom. / Max.	kW	3.1 / 13.5 / 16.2	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8
Low Temperature Capacity	Heating	Max.	kW	12.5	14.5	15.5
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.82 / 2.42 / 4.90	0.96 / 3.12 / 5.30	1.18 / 3.87 / 5.60
	Heating	Min. / Nom. / Max.	kW	0.89 / 2.87 / 5.10	1.06 / 3.76 / 5.40	1.29 / 4.34 / 5.80
Running Current**	Cooling	Min. / Nom. / Max.	A	1.2 / 3.6 / 7.4	1.4 / 4.7 / 8.0	1.8 / 5.8 / 8.4
	Heating	Min. / Nom. / Max.	A	1.3 / 4.3 / 7.7	1.6 / 5.7 / 8.1	1.9 / 6.5 / 8.7
EER				5.08	4.51	4.01
COP				4.70	4.25	4.01
SEER				7.40	7.20	6.90
SCOP				4.20	4.20	4.20
Pdesign(@-10°C)			kW	8.6	9.5	9.5
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating		-	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	981 / 2,867	1,167 / 3,167	1,348 / 3,167
Air Flow Rate		Nom.	m^3/min x No.	110	110	110
Sound Pressure Level*	Cooling	Nom.	dB(A)	51	53	53
	Heating	Nom.	dB(A)	53	55	55
Sound Power Level	Cooling	Max.	dB(A)	69	71	73
	Heating	Max.	dB(A)	70	72	74
Dimensions		W x H x D	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	87	87	87
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		kg	4.2	4.2	4.2
	Additional Charging Volume		g/m	20	20	20
	GWP (Global Warming Potential)		-	2,087.5	2,087.5	2,087.5
	t-CO_2eq		-	8.768	8.768	8.768
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-25 / 18	-25 / 18	-25 / 18
Power Supply			Ø / V / Hz	3 / 380 - 415 / 50	3 / 380 - 415 / 50	3 / 380 - 415 / 50
Power Supply Cable			No. x mm^2	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable	ODU-BD		No. x mm^2	4C x 1.25	4C x 1.25	4C x 1.25
	BD-IDU		No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20
Max Piping Length	Total Piping (Main+Total Branch)		m	125	135	145
	Main Piping		m	55	55	55
	Total Branch Piping		m	70	80	90
	Each Branch Piping		m	15	15	15
Piping Elevation Difference	IDU-ODU	Max.	m	30	30	30
	IDU-IDU	Max.	m	15	15	15
Piping Connections	Liquid		mm (inch) x No.	Ø9.52 x 1	Ø9.52 x 1	Ø9.52 x 1
	Gas		mm (inch) x No.	Ø19.05 x1	Ø19.05 x1	Ø19.05 x1

* : Sound Pressure is not a value declared on Eurovent Program.
Note : 1. Capacities are based on the following conditions :
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases. (R410A)
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R410A

FM40AH / FM41AH

COOLING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
16	9,600	2.81	16,000	4.69	20,800	6.10	820	902	1,713
17	10,200	2.99	17,000	4.98	21,250	6.23	863	959	1,757
18	10,800	3.17	18,000	5.28	22,500	6.59	904	1,016	1,869
19	11,400	3.34	19,000	5.57	23,750	6.96	945	1,074	1,982
20	12,000	3.52	20,000	5.86	25,000	7.33	984	1,131	2,096
21	12,600	3.69	21,000	6.15	26,250	7.69	1,023	1,188	2,211
22	13,200	3.87	22,000	6.45	27,500	8.06	1,061	1,246	2,327
23	13,800	4.04	23,000	6.74	28,750	8.43	1,099	1,304	2,445
24	14,400	4.22	24,000	7.03	30,000	8.79	1,136	1,362	2,563
25	15,000	4.40	25,000	7.33	31,250	9.16	1,172	1,419	2,682
26	15,600	4.57	26,000	7.62	32,500	9.53	1,207	1,477	2,803
27	16,200	4.75	27,000	7.91	33,750	9.89	1,242	1,536	2,925
28	16,800	4.92	28,000	8.21	35,000	10.26	1,276	1,594	3,047
29	17,400	5.10	29,000	8.50	36,250	10.62	1,309	1,652	3,171
30	18,000	5.28	30,000	8.79	37,500	10.99	1,342	1,710	3,297
31	18,600	5.45	31,000	9.09	38,750	11.36	1,374	1,769	3,423
32	19,200	5.63	32,000	9.38	40,000	11.72	1,406	1,827	3,551
33	19,800	5.80	33,000	9.67	41,250	12.09	1,437	1,886	3,680
34	20,400	5.98	34,000	9.96	42,500	12.46	1,468	1,945	3,810
35	21,000	6.15	35,000	10.26	43,750	12.82	1,498	2,004	3,942
36	21,600	6.33	36,000	10.55	45,000	13.19	1,527	2,063	4,074
37	22,200	6.51	37,000	10.84	46,250	13.56	1,556	2,122	4,209
38	22,800	6.68	38,000	11.14	47,500	13.92	1,585	2,181	4,344
39	23,400	6.86	39,000	11.43	48,750	14.29	1,613	2,240	4,481
40	24,000	7.03	40,000	11.72	50,000	14.65	1,640	2,299	4,619
41	24,600	7.21	41,000	12.02	51,250	15.02	1,667	2,359	4,759
42	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
43	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
44	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
45	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
46	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
47	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
48	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
49	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
50	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
51	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
52	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
53	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
54	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
55	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
56	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
57	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
58	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
59	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
60	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
61	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
62	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
63	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
64	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
65	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
66	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
67	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
68	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
69	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
70	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
71	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900
72	25,200	7.39	42,000	12.31	52,500	15.39	1,694	2,420	4,900

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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R410A

FM40AH / FM41AH

HEATING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
16	10,560	3.09	17,600	5.16	22,880	6.71	890	1,080	2,080
17	11,215	3.29	18,700	5.48	23,375	6.85	939	1,147	2,129
18	11,871	3.48	19,800	5.80	24,750	7.25	988	1,216	2,255
19	12,526	3.67	20,900	6.13	26,125	7.66	1,036	1,284	2,382
20	13,182	3.86	22,000	6.45	27,500	8.06	1,084	1,352	2,509
21	13,837	4.06	23,100	6.77	28,875	8.46	1,131	1,421	2,636
22	14,492	4.25	24,200	7.09	30,250	8.87	1,178	1,490	2,763
23	15,148	4.44	25,300	7.42	31,625	9.27	1,224	1,558	2,891
24	15,803	4.63	26,400	7.74	33,000	9.67	1,269	1,627	3,018
25	16,458	4.82	27,500	8.06	34,375	10.07	1,314	1,696	3,146
26	17,114	5.02	28,600	8.38	35,750	10.48	1,359	1,765	3,274
27	17,769	5.21	29,700	8.70	37,125	10.88	1,403	1,834	3,401
28	18,425	5.40	30,800	9.03	38,500	11.28	1,446	1,903	3,530
29	19,080	5.59	31,900	9.35	39,875	11.69	1,489	1,972	3,658
30	19,735	5.78	33,000	9.67	41,250	12.09	1,532	2,042	3,786
31	20,391	5.98	34,100	9.99	42,625	12.49	1,574	2,111	3,915
32	21,046	6.17	35,200	10.32	44,000	12.90	1,615	2,181	4,044
33	21,702	6.36	36,300	10.64	45,375	13.30	1,657	2,250	4,172
34	22,357	6.55	37,400	10.96	46,750	13.70	1,697	2,320	4,301
35	23,012	6.74	38,500	11.28	48,125	14.10	1,737	2,390	4,431
36	23,668	6.94	39,600	11.61	49,500	14.51	1,777	2,460	4,560
37	24,323	7.13	40,700	11.93	50,875	14.91	1,817	2,530	4,689
38	24,978	7.32	41,800	12.25	52,250	15.31	1,856	2,600	4,819
39	25,634	7.51	42,900	12.57	53,625	15.72	1,894	2,670	4,949
40	26,289	7.70	44,000	12.90	54,150	15.87	1,932	2,740	5,000
41	26,945	7.90	45,100	13.22	54,675	16.02	1,970	2,811	5,052
42	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
43	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
44	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
45	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
46	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
47	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
48	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
49	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
50	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
51	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
52	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
53	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
54	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
55	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
56	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
57	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
58	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
59	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
60	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
61	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
62	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
63	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
64	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
65	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
66	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
67	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
68	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
69	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
70	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
71	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100
72	27,600	8.09	46,000	13.48	55,200	16.18	2,009	2,870	5,100

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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R410A

FM48AH / FM49AH

COOLING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
19	11,400	3.34	19,000	5.57	23,750	6.96	963	1,084	1,973
20	12,000	3.52	20,000	5.86	25,000	7.33	1,010	1,146	2,084
21	12,600	3.69	21,000	6.15	26,250	7.69	1,056	1,209	2,195
22	13,200	3.87	22,000	6.45	27,500	8.06	1,102	1,272	2,307
23	13,800	4.04	23,000	6.74	28,750	8.43	1,148	1,335	2,419
24	14,400	4.22	24,000	7.03	30,000	8.79	1,193	1,399	2,532
25	15,000	4.40	25,000	7.33	31,250	9.16	1,238	1,464	2,646
26	15,600	4.57	26,000	7.62	32,500	9.53	1,283	1,529	2,760
27	16,200	4.75	27,000	7.91	33,750	9.89	1,327	1,595	2,876
28	16,800	4.92	28,000	8.21	35,000	10.26	1,371	1,661	2,992
29	17,400	5.10	29,000	8.50	36,250	10.62	1,415	1,728	3,108
30	18,000	5.28	30,000	8.79	37,500	10.99	1,458	1,795	3,226
31	18,600	5.45	31,000	9.09	38,750	11.36	1,501	1,863	3,344
32	19,200	5.63	32,000	9.38	40,000	11.72	1,544	1,932	3,463
33	19,800	5.80	33,000	9.67	41,250	12.09	1,586	2,001	3,583
34	20,400	5.98	34,000	9.96	42,500	12.46	1,628	2,071	3,704
35	21,000	6.15	35,000	10.26	43,750	12.82	1,670	2,141	3,825
36	21,600	6.33	36,000	10.55	45,000	13.19	1,712	2,213	3,947
37	22,200	6.51	37,000	10.84	46,250	13.56	1,753	2,284	4,070
38	22,800	6.68	38,000	11.14	47,500	13.92	1,794	2,357	4,194
39	23,400	6.86	39,000	11.43	48,750	14.29	1,834	2,430	4,319
40	24,000	7.03	40,000	11.72	50,000	14.65	1,874	2,504	4,444
41	24,600	7.21	41,000	12.02	51,250	15.02	1,914	2,578	4,570
42	25,200	7.39	42,000	12.31	52,500	15.39	1,954	2,653	4,697
43	25,800	7.56	43,000	12.60	53,417	15.66	1,994	2,729	4,795
44	26,400	7.74	44,000	12.90	54,333	15.92	2,033	2,806	4,894
45	27,000	7.91	45,000	13.19	55,250	16.19	2,072	2,883	4,993
46	27,600	8.09	46,000	13.48	56,167	16.46	2,110	2,961	5,093
47	28,200	8.26	47,000	13.77	57,083	16.73	2,149	3,040	5,194
48	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
49	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
50	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
51	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
52	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
53	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
54	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
55	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
56	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
57	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
58	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
59	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
60	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
61	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
62	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
63	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
64	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
65	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
66	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
67	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
68	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
69	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
70	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
71	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
72	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
73	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
74	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
75	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
76	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
77	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300
78	28,800	8.44	48,000	14.07	58,000	17.00	2,184	3,120	5,300

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
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R410A

FM48AH / FM49AH

HEATING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
19	12,636	3.70	21,059	6.17	26,266	7.70	1,060	1,305	2,392
20	13,328	3.91	22,213	6.51	27,395	8.03	1,116	1,381	2,495
21	14,019	4.11	23,366	6.85	28,524	8.36	1,172	1,458	2,599
22	14,711	4.31	24,519	7.19	29,653	8.69	1,228	1,535	2,702
23	15,403	4.51	25,672	7.52	30,781	9.02	1,284	1,613	2,806
24	16,095	4.72	26,825	7.86	31,910	9.35	1,340	1,692	2,909
25	16,787	4.92	27,978	8.20	33,039	9.68	1,396	1,771	3,012
26	17,479	5.12	29,131	8.54	34,168	10.01	1,451	1,850	3,116
27	18,171	5.33	30,284	8.88	35,296	10.34	1,507	1,930	3,220
28	18,863	5.53	31,438	9.21	36,425	10.68	1,562	2,011	3,323
29	19,554	5.73	32,591	9.55	37,554	11.01	1,617	2,093	3,427
30	20,246	5.93	33,744	9.89	38,683	11.34	1,672	2,174	3,530
31	20,938	6.14	34,897	10.23	39,811	11.67	1,726	2,257	3,634
32	21,630	6.34	36,050	10.57	40,940	12.00	1,781	2,340	3,738
33	22,322	6.54	37,203	10.90	42,069	12.33	1,835	2,424	3,842
34	23,014	6.74	38,356	11.24	43,198	12.66	1,889	2,508	3,946
35	23,706	6.95	39,509	11.58	44,326	12.99	1,943	2,593	4,049
36	24,398	7.15	40,663	11.92	45,455	13.32	1,997	2,679	4,153
37	25,089	7.35	41,816	12.26	46,584	13.65	2,051	2,765	4,257
38	25,781	7.56	42,969	12.59	47,713	13.98	2,105	2,852	4,361
39	26,473	7.76	44,122	12.93	48,841	14.31	2,158	2,940	4,465
40	27,165	7.96	45,275	13.27	49,970	14.65	2,212	3,028	4,570
41	27,857	8.16	46,428	13.61	51,099	14.98	2,265	3,117	4,674
42	28,549	8.37	47,581	13.95	52,228	15.31	2,318	3,206	4,778
43	29,241	8.57	48,734	14.28	53,356	15.64	2,371	3,297	4,882
44	29,933	8.77	49,888	14.62	54,485	15.97	2,423	3,387	4,986
45	30,624	8.98	51,041	14.96	55,614	16.30	2,476	3,479	5,091
46	31,316	9.18	52,194	15.30	56,743	16.63	2,528	3,571	5,195
47	32,008	9.38	53,347	15.64	57,871	16.96	2,581	3,665	5,299
48	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
49	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
50	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
51	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
52	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
53	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
54	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
55	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
56	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
57	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
58	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
59	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
60	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
61	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
62	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
63	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
64	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
65	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
66	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
67	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
68	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
69	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
70	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
71	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
72	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
73	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
74	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
75	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
76	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
77	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400
78	32,700	9.58	54,500	15.97	59,000	17.29	2,632	3,760	5,400

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R410A

FM56AH / FM57AH

COOLING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
23	13,800	4.04	23,000	6.74	28,750	8.43	1,179	1,355	2,399
24	14,400	4.22	24,000	7.03	30,000	8.79	1,230	1,423	2,508
25	15,000	4.40	25,000	7.33	31,250	9.16	1,281	1,492	2,617
26	15,600	4.57	26,000	7.62	32,500	9.53	1,332	1,562	2,727
27	16,200	4.75	27,000	7.91	33,750	9.89	1,383	1,633	2,838
28	16,800	4.92	28,000	8.21	35,000	10.26	1,434	1,705	2,949
29	17,400	5.10	29,000	8.50	36,250	10.62	1,485	1,777	3,060
30	18,000	5.28	30,000	8.79	37,500	10.99	1,536	1,851	3,172
31	18,600	5.45	31,000	9.09	38,750	11.36	1,587	1,926	3,284
32	19,200	5.63	32,000	9.38	40,000	11.72	1,639	2,002	3,396
33	19,800	5.80	33,000	9.67	41,250	12.09	1,690	2,078	3,509
34	20,400	5.98	34,000	9.96	42,500	12.46	1,741	2,156	3,623
35	21,000	6.15	35,000	10.26	43,750	12.82	1,792	2,235	3,737
36	21,600	6.33	36,000	10.55	45,000	13.19	1,843	2,315	3,851
37	22,200	6.51	37,000	10.84	46,250	13.56	1,894	2,397	3,966
38	22,800	6.68	38,000	11.14	47,500	13.92	1,945	2,479	4,081
39	23,400	6.86	39,000	11.43	48,750	14.29	1,996	2,563	4,197
40	24,000	7.03	40,000	11.72	50,000	14.65	2,047	2,647	4,313
41	24,600	7.21	41,000	12.02	51,250	15.02	2,098	2,734	4,429
42	25,200	7.39	42,000	12.31	52,500	15.39	2,149	2,821	4,547
43	25,800	7.56	43,000	12.60	53,750	15.75	2,200	2,909	4,664
44	26,400	7.74	44,000	12.90	55,000	16.12	2,251	2,999	4,782
45	27,000	7.91	45,000	13.19	56,250	16.49	2,302	3,091	4,901
46	27,600	8.09	46,000	13.48	57,500	16.85	2,353	3,183	5,020
47	28,200	8.26	47,000	13.77	58,750	17.22	2,404	3,277	5,139
48	28,800	8.44	48,000	14.07	60,000	17.58	2,455	3,373	5,259
49	29,400	8.62	49,000	14.36	61,250	17.95	2,506	3,470	5,379
50	30,000	8.79	50,000	14.65	62,500	18.32	2,557	3,569	5,500
51	30,600	8.97	51,000	14.95	62,733	18.39	2,607	3,669	5,532
52	31,200	9.14	52,000	15.24	62,967	18.45	2,658	3,770	5,564
53	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
54	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
55	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
56	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
57	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
58	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
59	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
60	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
61	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
62	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
63	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
64	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
65	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
66	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
67	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
68	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
69	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
70	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
71	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
72	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
73	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
74	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
75	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
76	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
77	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
78	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
79	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
80	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
81	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
82	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
83	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600
84	31,800	9.32	53,000	15.53	63,200	18.52	2,709	3,870	5,600

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

R410A

FM56AH / FM57AH

HEATING									
TOTAL INDOOR UNIT CAPACITY INDEX (kBtu/h CLASS)	COOLING CAPACITY						INPUT(W)		
	MIN.		RATED		MAX.				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	MIN.	RATED	MAX.
23	15,305	4.49	25,508	7.48	30,659	8.99	1,292	1,613	2,789
24	15,983	4.68	26,638	7.81	31,771	9.31	1,349	1,692	2,890
25	16,661	4.88	27,768	8.14	32,882	9.64	1,407	1,772	2,991
26	17,338	5.08	28,897	8.47	33,994	9.96	1,465	1,852	3,091
27	18,016	5.28	30,027	8.80	35,105	10.29	1,523	1,934	3,192
28	18,694	5.48	31,157	9.13	36,216	10.61	1,580	2,016	3,293
29	19,372	5.68	32,286	9.46	37,328	10.94	1,638	2,098	3,394
30	20,050	5.88	33,416	9.79	38,439	11.27	1,696	2,182	3,495
31	20,728	6.07	34,546	10.12	39,550	11.59	1,754	2,266	3,595
32	21,405	6.27	35,676	10.46	40,662	11.92	1,812	2,351	3,696
33	22,083	6.47	36,805	10.79	41,773	12.24	1,870	2,437	3,797
34	22,761	6.67	37,935	11.12	42,884	12.57	1,928	2,524	3,897
35	23,439	6.87	39,065	11.45	43,996	12.89	1,986	2,611	3,998
36	24,117	7.07	40,195	11.78	45,107	13.22	2,044	2,700	4,099
37	24,795	7.27	41,324	12.11	46,218	13.55	2,102	2,789	4,199
38	25,472	7.47	42,454	12.44	47,330	13.87	2,160	2,879	4,300
39	26,150	7.66	43,584	12.77	48,441	14.20	2,218	2,970	4,401
40	26,828	7.86	44,714	13.10	49,552	14.52	2,276	3,061	4,501
41	27,506	8.06	45,843	13.44	50,664	14.85	2,335	3,154	4,602
42	28,184	8.26	46,973	13.77	51,775	15.17	2,393	3,248	4,702
43	28,862	8.46	48,103	14.10	52,886	15.50	2,451	3,342	4,803
44	29,539	8.66	49,232	14.43	53,998	15.83	2,510	3,438	4,903
45	30,217	8.86	50,362	14.76	55,109	16.15	2,568	3,534	5,004
46	30,895	9.05	51,492	15.09	56,221	16.48	2,626	3,632	5,104
47	31,573	9.25	52,622	15.42	57,332	16.80	2,685	3,730	5,205
48	32,251	9.45	53,751	15.75	58,443	17.13	2,743	3,829	5,305
49	32,929	9.65	54,881	16.08	59,555	17.45	2,802	3,930	5,406
50	33,606	9.85	56,011	16.42	60,666	17.78	2,861	4,031	5,506
51	34,284	10.05	57,141	16.75	61,777	18.11	2,919	4,133	5,606
52	34,962	10.25	58,270	17.08	62,889	18.43	2,978	4,237	5,707
53	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
54	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
55	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
56	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
57	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
58	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
59	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
60	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
61	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
62	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
63	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
64	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
65	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
66	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
67	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
68	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
69	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
70	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
71	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
72	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
73	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
74	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
75	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
76	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
77	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
78	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
79	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
80	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
81	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
82	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
83	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800
84	35,640	10.45	59,400	17.41	64,000	18.76	3,038	4,340	5,800

Note
1. Capacities are based on the following conditions :
   - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
   - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
   - Interconnected piping is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0 m.
2. At least two indoor units should be connected. And minimum limit of combination ratio is 40% approximately for rated capacity of outdoor unit.
3. Don't exceed the maximum connectable indoor units number, it can be found in Specifications or combination table of outdoor unit model.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Cassette Panel

The independent vane operation allows a desired comfortable air flow.



PT-QAGW0



PT-USC



PT-UAHW0



PT-UAHG0
PT-UPHG0

Model Name & Applied Products

4 Way Cassette (Mini, 570 x 570)
PT-QAGW0

2 Way Cassette
PT-USC

1 Way Cassette (Grill Type)
PT-UAHG0
PT-UAHW0

1 Way Cassette (Air Purification)
PT-UPHG0

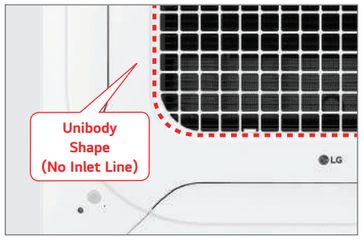
Key Features

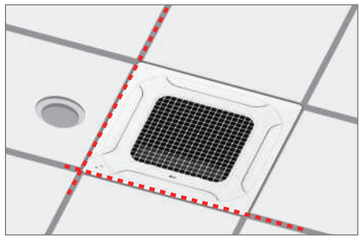
- Independent vane operation uses separate motors, making it possible to control all 1, 2, and 4 vanes independently.
- The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain pipe and refrigerant pipes.

Compact and Stylish Design

- New 4 Way cassette panel with an adapted shape matches with the ceiling.
- Panel size is fit into the ceiling tile.







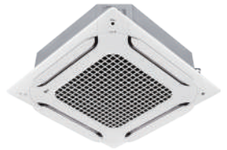
Specification

Model		Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)			Applied Model Capacity (kW)*					
						W	H	D	Single Split		Multi Split		MULTI V	
									R32	R410A	R32	R410A	R32	R410A
4 Way	PT-QAGW0	Grid	White (RAL 9003)	X	2.9	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2
2 Way	PT-USC	Grid	Morning Fog (RAL 9001)	X	4.7	1,100	28	690					2.8-7.1	2.8-7.1
1 Way	PT-UAHG0	Grill	White (RAL 9003)	O	3.9	1,160	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6
	PT-UAHW0	Grill	White (RAL 9003)	X	3.3	1,100	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6
	PT-UPHG0	Grill	White (RAL 9003)	O	4.1	1,160	34	500			2.6-3.5	2.6-3.5	2.2-3.6	2.2-3.6

* Based on cooling capacity
※ O : Applied, - : Not applied

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※ Specifications may vary by each model or IDU / ODU combination.

Dual Vane Cassette Panel



Model Name

PT-AAGW0
PT-AFGW0

Key Features

Model	Function					
	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Elevating Grille	Human Detecting Sensor
PT-AAGW0 PT-AFGW0	O	Optional	Optional	X	X	Optional
	O	Optional	Optional	Optional (Dust Sensor, Tact Switch)	X	Optional

Specification

Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGW0 PT-AFGW0	Grid	White (RAL 9003)	-	7.1	950	35	950
	Grid	White (RAL 9003)	-	7.5	950	35	950

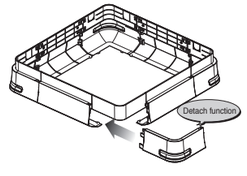
Air Purification Kit

Model	Type	Image	Model Name	Dielectric Dust Collecting Filter	Photocatalytic Deodorizing Filter	HVPS	Ionizer
Air Purification Kit	4 Way		PTAHMP0	 O	O	O	O
	1 Way		PTAHTP0	 O	O	O	O

Cassette Cover

Cover in case of exposed cassette installation.





Key Features

- Specially designed for indoor unit
- Covers the side area of cassette
- Gives elegant looks
- Light weight

Specification

Model	Front Panel		Weight (kg)		Dimensions (mm)		
			NET	Gross	W	H	D
PTDCA	PT-AAGW0 / PT-AFGW0	TP-B	6.1	9.5	1,157	266	1,157
		TM-A	6.1	9.5	1,157	308	1,157

Model Name

PTDCA

Applied Products

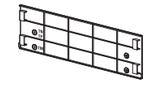
4 Way Cassette (for chassis TP-B, TM-A)

Included Parts

- Cover A, Cover B
- Screws
- Cover C, Cover D
- Installation Manual



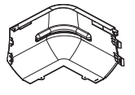
Cover A (4 Units)



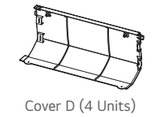
Cover B (4 Units)



Screw (28 Units)



Cover C (4 Units)



Cover D (4 Units)



Installation Manual

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

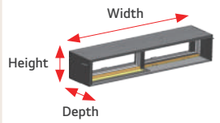
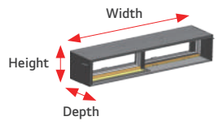
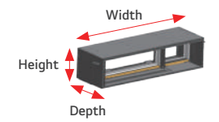
UVnano™ Filter Box

UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.



UVnano Filter Box Kit (Included ePM1 Filter)
PBM13M3UA0 / PBM13M2UA0 / PBM13M1UA0

ePM1 Filter
FBM13M3UA0 / FBM13M2UA0 / FBM13M1UA0

PLATFORM		UNIT	M3 PLATFORM	M2 PLATFORM	M1 PLATFORM
MODEL NAME			PBM13M3UA0	PBM13M2UA0	PBM13M1UA0
Duct UVnano Filter Box		-			
Net Size (W x H x D)		mm	1,250 x 360 x 280	1,250 x 270 x 280	900 x 270 x 280
Shipping Size (W x H x D)		mm	1,440 x 430 x 377	1,440 x 340 x 377	1,048 x 340 x 377
Net Weight		kg	12.7	11.6	9.1
Pre-Filter (1)	Size (W x H x D)	mm	596 x 377 x 4	596 x 247 x 4	596 x 247 x 4
	Mesh	-	34 x 39	34 x 39	34 x 39
	Color	-	Black	Black	Black
	Quantity	EA	2	2	1
Pre-Filter (2)	Size (W x H x D)	mm	-	-	247 x 247 x 4
	Mesh	-	-	-	34 x 39
	Color	-	-	-	Black
	Quantity	EA	-	-	1
UVnano	UVC Wavelength	nm	275	275	275
	UVC LED Quantity	EA	8	8	8
Filter (1)	Model Name		FBM13M3UA0	FBM13M2UA0	FBM13M1UA0
	Size (W x H x D)	mm	600 x 341 x 50.8	600 x 251 x 50.8	600 x 251 x 50.8
	Quantity	EA	2	2	1
	Grade	-	*ePM$_1$ 65%	ePM$_1$ 65%	ePM$_1$ 65%
Filter (2)	Size (W x H x D)	mm	-	-	250 x 251 x 50.8
	Quantity	EA	-	-	1
	Grade	-	-	-	ePM$_1$ 65%

* Grade : ISO 16890

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LG Wi-Fi Modem

Control conditioners by using devices with access to internet, such as Android or iOS smartphones.



PWFMDD200

Features

- With Wi-Fi equipped device a user can enjoy anytime, anywhere access through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive home appliances control app (ThinQ) is available.
- Simple operation for various functions.
  - On / Off
  - Operation Mode
  - Current / Set Temperature
  - Fan Speed
  - Vane Control [1)]
  - Reservation (Sleep, Weekly On / Off)
  - Energy Monitoring [2)]
  - Filter Management
  - Error Check
  - Air Purify [3)]

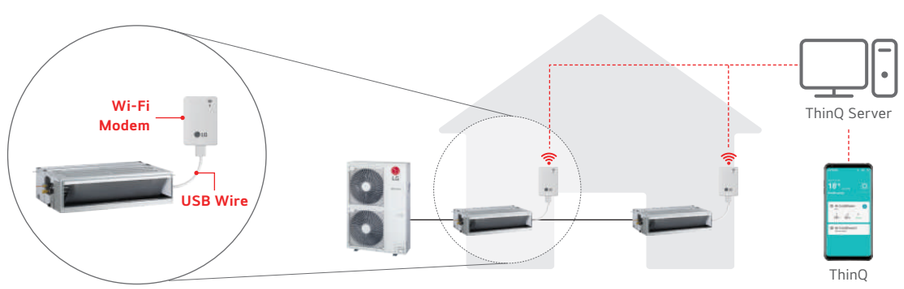
Model Name	PWFMDD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner [3)]
Connection Type	Indoor unit 1 : 1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1 (Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10 m extension)

Download on the App Store GET IT ON Google Play



Note : 1. Functionality may be different according to each IDU model.
2. User interface of application shall be revised for its design and contents improvement.
3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.
1) Vane Control may not be possible according to the type of Indoor unit.
2) LG Centralized controller and PDI installation is required for this function.
3) For the compatibility with an indoor unit, please contact regional LG office.

Overview



※ Search "ThinQ" on Google market or Appstore then download the app.
※ Internet service with Wi-Fi connection has to be available.
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Standard Wired Remote Controller



Deluxe
PREMTA211



Standard III
PREMTB101



Standard III
PREMTBB11



New Standard
PREMTB001

MODEL NAME	PREMTB101 PREMTBB11
Operation Mode	On / Off, Fan Speed Control, Temperature Setting
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan
Auto Swing / Vane Control	•
Reservation	Simple, Sleep, On / Off, Weekly, Holiday
Time Display	•
Electrical Failure Compensation	•
Child Lock	•
Operation Status LED	•
Indoor Temperature Display	•
Wireless Remote Controller Receiver	-
Size (W x H x D, mm)	120 x 120 x 16
Backlight	•

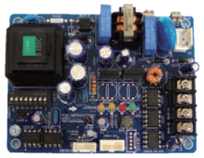
Remote Controller



PQWRHQ0FDB

※ Only some of controllers have back light feature.

PI 485



PMNFP14A1

Power : Single phase AC 220 V 50/60 Hz
Max No. of the indoor units that can be connected : 64 Units
Model applied : RAC / Multi / Single / THERMA V

※ Refer to each product PDB for applicable models.

Dry Contact



PDRYCB000



PDRYCB400



PDRYCB320



PDRYCB500 / PDRYCB510*

※ Refer to each product PDB for applicable models.
* No case for PDRYCB510

Model Name	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500 / PDRYCB510*
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220V from outside power source	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PDB
Voltage / Non Voltage Input	-	•	•	-
On / Off Control	•	•	•	•
Lock / Unlock	-	•	-	-
Fan Speed Setting	-	-	•	•
Thermo Off	-	•	•	-
Energy Saving	-	•	-	-
Temperature Setting	-	•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•

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※ Specifications may vary by each model or IDU / ODU combination.

Distributor Box

Easy installation for any sites is enabled by the range of Distributor Boxes.



PMBD3620 (2 Indoors)



PMBD3630 (3 Indoors)



PMBD3640 (4 Indoors)

Features

- Distribution of refrigerant to various indoor units.
- 3 models (2, 3, 4 indoor units)
- EEV included
- Controlling PCB inside the unit
- Internally insulated (prevents any chances of drainage)
- Flare joints for easy and clean installation
- Compact design (low height)
- Flexible installation



No Brazing



Just Flaring

Specification

Model Name			PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units		1 ~ 2	1 ~ 3	1 ~ 4
	Capacity		5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k	5k / 7k / 9k / 12k / 18k / 24k
Power Source		Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Consumption		W	10	10	10
Running Current		A	0.05	0.05	0.05
Dimensions	W x H x D	mm (inch)	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)
Net Weight		kg/lb	4.8 / 10.6	4.9 / 10.8	5 / 11
Piping Connection (To Outdoor Unit)	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52(3/8)
	Gas	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid	mm (inch)	Ø6.35 (1/4) x 2EA	Ø6.35 (1/4) x 3EA	Ø6.35 (1/4) x 4EA
	Gas	mm (inch)	Ø9.52 (3/8) x 2EA	Ø9.52 (3/8) x 3EA	Ø9.52 (3/8) x 4EA
Accessories	Hanger (Bracket)	EA	4	4	4
	Screw	EA	8	8	8
	Manual	EA	1	1	1

※ For our policy of continuous product improvement, specification, design and features are subject to change without prior notice.
Note : 1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)
2. The BD should be installed inside the building.

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Y Branch and Branch Kit

Easy installation for any sites is enabled by Y Branch and Branch Kit.



PMBL5620 (2 Units)

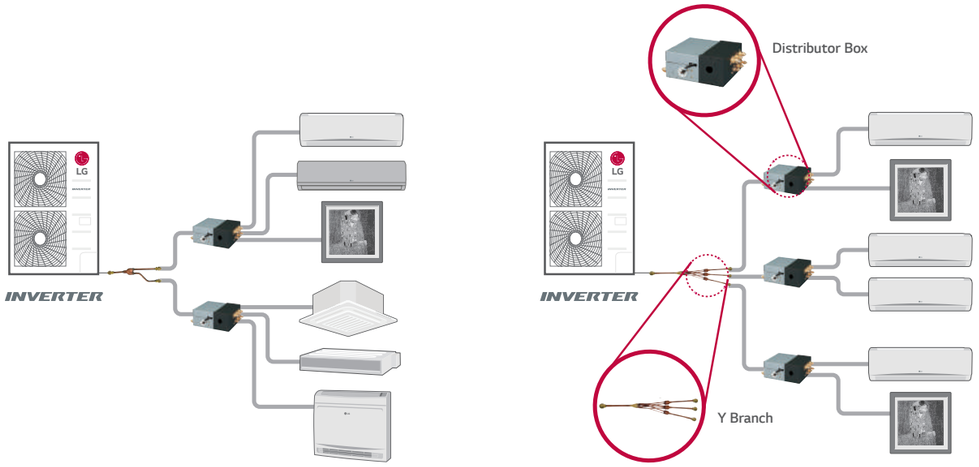


PMBL1203F0 (3 Units)

Features

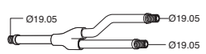
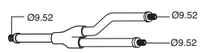
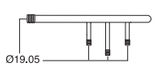
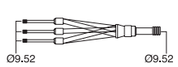
- Y Branch and Branch Kit make Multi FDX installation much easier.
- Y Branch and Branch Kit for both gas and liquid are provided.
- Insulation material is also provided for covering the branches.

Application



Accessory Model Name

(Unit : mm)

Model Name	No. of Branch distribution units	Applicable Model	Specification	
			Gas	Liquid
PMBL5620	2 Units	1Ø, 3Ø		
PMBL1203F0	3 Units	1Ø, 3Ø		

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NOTE

210
COMMERCIAL

SINGLE SPLIT	**212**
CHILLER	**368**

Energy Saving

ThinQ™

23°C Sunny
City
Mon. 12. March. 16:42



SINGLE SPLIT 212

MINI CEILING MOUNTED CASSETTE
CEILING MOUNTED CASSETTE
ROUND CASSETTE
CEILING CONCEALED DUCT
CEILING SUSPENDED
CONSOLE
FLOOR STANDING
WALL MOUNTED
AHU SOLUTION
ACCESSORIES





STANDARD INVERTER (R32)

		kBtu/h	9	12	18	24	30	36	42	48	60	70	85
		Type \ kW	2.5	3.4	5.0	6.8	8.0	9.5	12.0	13.4	14.6	20.0	25.0
H-INVERTER (R32)	Ceiling Mounted Cassette	Mini	UT09FH.NQ0	UT12FH.NQ0									
		Standard			UT18FH.NB0	UT24FH.NA0	UT30FH.NA0	UT36FH.NA0	UT42FH.NA0	UT48FH.NA0	UT60FH.NA0		
	Ceiling Concealed Duct	Mid Static		UM12FH.N10	UM18FH.N10	UM24FH.N20	UM30FH.N20	UM36FH.N30	UM42FH.N30	UM48FH.N30			
		Low Static		UL12FH.N50	UL18FH.N30								
	Ceiling Suspended				UV18FH.N10	UV24FH.N20	UV30FH.N20	UV36FH.N20	UV42FH.N20				
	ODU	1Ø	UUA1.UL0		UUB1.U20	UUC1.U40		UUD1.U30					
		3Ø						UUD3.U30					
STANDARD INVERTER (R32)	Ceiling Mounted Cassette	Mini	CT09F.NR0	CT12F.NR0	CT18F.NQ0								
		Standard				CT24F.NB0	UT30F.NB0	UT36F.NA0	UT42F.NA0	UT48F.NA0	UT60F.NA0		
		Round						UT36F.NY0		UT48F.NY0			
	Ceiling Concealed Duct	High Static										NEW UB200.N80	NEW UB250.N80
		Mid Static			CM18F.NA0 * To be obsolete from 26.12 ~	CM24F.NA0 * To be obsolete from 26.12 ~	UM30F.NA0 * To be obsolete from 26.12 ~	UM36F.N21	UM42F.N21	UM48F.N31	UM60F.N31		
		Low Static	CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30							
	Ceiling Suspended				UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20	UV42F.N20	UV48F.N20	UV60F.N20		
	Wall Mounted		MJ09PC.NSJ	MJ12PC.NSJ	MJ18PC.NSK	MJ24PC.NSK	US30F.NR0	US36F.NR0					
	Console		UQ09F.NA0	UQ12F.NA0	UQ18F.NA0								
	ODU	1Ø	UUA1.UL0		UUB1.U20	UUC1.U40		UUD1.U30					
		3Ø						UUD3.U30				UU200W.U60A0	UU250W.U80A0

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COMPACT INVERTER (R32) / STANDARD INVERTER (R410A)

		kBtu/h	18	24	30	36	42	48	60
		Type \ kW	5.0	6.8	8.0	9.5	12.0	13.4	14.6
COMPACT INVERTER (R32)	Ceiling Mounted Cassette	Mini	CT18F.NQ0						
		Standard		CT24F.NB0	UT30F.NB0	UT36F.NA0			
	Ceiling Concealed Duct	Mid Static	CM18F.NA0 * To be obsolete from 26.12 ~	CM24F.NA0 * To be obsolete from 26.12 ~	UM30F.NA0 * To be obsolete from 26.12 ~	UM36F.N21			
		Low Static	CL18F.N60	CL24F.N30					
	Ceiling Suspended		UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20			
	Wall Mounted				US30F.NR0	US36F.NR0			
	ODU	1Ø	UUA1.UL0	UUB1.U20		UUC1.U40			
STANDARD INVERTER (R410A)	Ceiling Concealed Duct (High Static)								
	Floor Standing							UP48.NT2 * To be obsolete (26.05~)	
	ODU	1Ø						UU48W.U32	
		3Ø						UU49W.U32	

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● Standard / ◎ Option

CATEGORY	FEATURES	INDOOR					
		CEILING MOUNTED CASSETTE (R32)			CEILING CONCEALED DUCT		
		4 WAY	MINI	ROUND	LOW STATIC (R32)	MID STATIC (R32)	HIGH STATIC (R32)
Supreme Energy Efficiency	Inverter Technology	●	●	●	●	●	●
	Power Saving Start Up	●	●	●	●	●	●
	Peak Current Control	●	●	●	●	●	●
	Human Detection Operation	◎	-	-	-	-	-
	Standby Mode	●	●	●	●	●	●
Comfort Environment	Comfort Cooling with Humidity Sensor	●	-	●	-	-	-
	Night Silent Operation	●	-	●	●	●	●
	Continuous Cooling Operation	●	-	●	●	●	●
	UVnano Filter Box	-	-	-	-	◎	-
	6 Air Flow Mode by Dual Vane	●	-	-	-	-	-
	Crystal Vane	-	-	●	-	-	-
	Air Purification Kit (5 Step)	◎	-	◎	-	-	-
	Individual Flap (Vane) Control	●	-	-	-	-	-
	Ionizer	-	◎	-	-	-	-
	Auto Cooling-Heating Changeover	●	●	●	●	●	●
	Auto Cleaning	●	●	●	●	●	●
	Hot Start	●	●	-	-	-	-
High Performance & Reliability	Quick & Reliable Operation	●	●	●	●	●	●
	Embedded Humidity Sensor	●	-	●	-	-	-
	Auto-Restart	●	●	●	●	●	●
	Self-Diagnosis	●	●	●	●	●	●
	Duty Rotation	●	-	-	●	●	●
	Drain Pump Kit	●	●	●	●	●	◎ (PBDP9)
Convenient Control System	ThinQ** (Wi-Fi / Voice Control)	◎	◎	◎	◎	◎	◎
	Easy Control (PI-485 Connection)	●	●	●	●	●	●
	1 Point External Input	●	●	●	●	●	●
	Scheduling Program (Day, Week, Month)***	◎	◎	◎	◎	◎	◎
	Fan Speed Steps	5 Step (Cool) 4 Step (Heat)	5 Step (Cool) 4 Step (Heat)	5 Step (Cool) 4 Step (Heat)	3 Step	3 Step	3 Step
	Centralised Control	●	●	●	●	●	●
	Two Thermistors Control	◎	-	◎	◎	◎	◎
	Fan Only	●	●	●	●	●	●
	Dry Function Program	●	●	●	●	●	●
	Air Filter	●	●	●	●	●	●
	Wired Remote Control	◎	◎	◎	◎	◎	◎
	Wireless Remote Control	◎	◎	◎	◎	◎	◎
	External Static Pressure (ESP) Control	-	-	-	●	●	●
	Auto ESP****	-	-	-	-	●	-
	Zone Control	-	-	-	◎ (ABZCA)	◎ (ABZCA)	◎ (ABZCA)
	Mode Lock*	●	●	●	●	●	●
	Elevation Grill with Air Purification	◎	-	-	-	-	-
	Forced Cooling Operation	●	-	●	●	●	●
	Mobile LGMV	●	●	●	●	●	●
Enhanced Application	Synchro Function	●	●	-	●	●	-

* With controller PREMTB001 / PREMTBB01 / PREMTB101 / PREMTBB11 for 9 & 12 kBtu
** Available with LG Wi-Fi modem (PWFMDD200) and it should be connected to the indoor unit.
*** Weekly program is available with wired remote controller.
**** Not Available on New MA DUCT SERIES (CM18F.NA0 / CM24F.NA0 / UM30F.NA0)
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● Standard / ◎ Option

CATEGORY	FEATURES	INDOOR			
		CEILING SUSPENDED (R32)	CONSOLE (R32)	WALL MOUNTED (R32)	FLOOR STANDING (R410A)
Supreme Energy Efficiency	Inverter Technology	●	●	●	●
	Power Saving Start Up	●	●	●	●
	Peak Current Control	●	●	●	●
	Human Detection by Thermopile Sensors	-	-	-	-
	Standby Mode	●	●	●	●
Comfort Environment	Comfort Cooling with Humidity Sensor	●	●	-	-
	Night Silent Operation	●	●	●	●
	Continuous Cooling Operation	●	●	●	●
	UVnano Filter Box	-	-	-	-
	6 Air Flow Mode by Dual Vane	-	-	-	-
	Crystal Vane	-	-	-	-
	Air Purification Kit (5 Step)	-	-	-	-
	Individual Flap Control	-	-	-	-
	Ionizer	-	●	-	-
	Auto Cooling-Heating Changeover	●	●	●	●
	Auto Cleaning	●	●	●	●
	Hot Start	-	-	-	-
High Performance & Reliability	Quick & Reliable Operation	●	●	●	●
	Embedded Humidity Sensor	-	-	-	-
	Auto-Restart	●	●	●	●
	Self-Diagnosis	●	●	●	●
	Duty Rotation	●	-	●	-
	Drain Pump Kit	-	-	-	-
Convenient Control System	ThinQ** (Wi-Fi / Voice Control)	◎	●	●	-
	Easy Control (PI-485 Connection)	●	●	●	●
	1 Point External Input	●	●	-	●
	Scheduling Program (Day, Week, Month)***	◎	◎	◎	-
	Fan Speed Steps	5 Step	5 Step (Cool) 4 Step (Heat)	6 Step	4 Step
	Centralised Control	●	●	●	●
	Two Thermistors Control	◎	◎	◎	-
	Fan Only	●	●	●	●
	Dry Function Program	●	●	●	●
	Air Filter	●	●	●	●
	Wired Remote Control	◎	◎	◎	-
	Wireless Remote Control	◎	●	●	●
	External Static Pressure (ESP) Control	-	-	-	-
	Auto ESP	-	-	-	-
	Zone Control	-	-	-	-
	Mode Lock*	●	●	●	●
	Elevation Grill with Air Purification	-	-	-	-
	Forced Cooling Operation	●	●	●	●
	Mobile LGMV	●	●	●	●
Enhanced Application	Synchro Function	-	-	-	-

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※ Specifications may vary by each model or IDU / ODU combination.



Outdoor Line-up & Operation Range by model

Refrigerant	kBtu / h (kW)	Outdoor	Dimensions (H x W x D)	Weight	Power Supply	Line Up Model Q'ty by Operation Range			
						Heating (°C) Min. / Max.			
		Unit	mm	kg (Net)	Ø / V / Hz	-25 / 18 (°C)	-20 / 18 (°C)	-15 / 18 (°C)	-10 / 18 (°C)
R32	9 k (2.5 kW)	 UUA1	770 x 545 x 288	33.3	1 / 220-240 / 50	-	12 Models		4 Models
	12 k (3.4 kW)								
	18 k (5.0 kW)	 UUB1	870 x 650 x 330	44.5			10 Models	8 Models	-
	24 k (6.8 kW)	 UUC1	950 x 834 x 330	57.7			15 Models	4 Models	
	30 k (8.0 kW)								
	36 k (9.5 kW)	 **UUD1 / UUD3**	**950 x 1,380 x 330**	**85.0**	**1 / 220-240 / 50 3 / 380-415 / 50**	**48 Models**	-		
	42 k (12.0 kW)								
	48 k (13.4 kW)								
	60 k (14.6 kW)								
R410A	48 k (13.4 kW)	 UU48 / UU49	950 x 1,380 x 330	92.0 / 96.0	1 / 220-240 / 50 / 3 / 380-415 / 50		-18 / 18 (°C) (4 Models)		

* This specification can be different as per each model or combi.
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※ Specifications may vary by each model or IDU / ODU combination.

CATEGORY	FEATURES	OUTDOOR					
		R32					
		UUA1	UUB1	UUC1	UUD1	UUD3	UU200W / UU250W
OUTDOOR	R1 Compressor	-	-	-	●	●	-
	Inverter Technology	●	●	●	●	●	●
	Guarantee Operation Down to	-20℃ (H-inverter, Standard) -10℃ (Compact)	-20℃ (H-inverter, Standard) -15℃ (Compact)	-20℃ (H-inverter, Standard) -15℃ (Compact)	-25℃	-25℃	-20℃
	Corrosion Resistance Black Fin	●	●	●	●	●	-
	Corrosion Resistance Gold Fin	-	-	-	-	-	●
	Chargeless of Piping Length	10 m	10 m	20 m	20 m	20 m	30 m
	Pressure Sensor	●	●	●	●	●	●
	Connection with AHU	-	● PAHCMR000 PAHCMS000	● PAHCMR000 PAHCMS000	● PAHCMR000 PAHCMS000	● PAHCMR000 PAHCMS000	● PAHCMR000 PAHCMS000
	Synchro Function	-	-	-	●	●	●
	Long Pipe Installation	30 m	30 m 35 m (Compact)	50 m	85 m	75 m	75 m
	Peak Current Control	-	●	●	●	●	●
	Continuous Cooling Operation	-	●	●	●	●	●
	Mode Lock	-	●	●	●	●	●
	PI 485	●	●	●	●	●	●

CATEGORY	FEATURES	OUTDOOR	
		R410A	
		UU48W	UU49W
OUTDOOR	R1 Compressor	-	-
	Inverter Technology	●	●
	Guarantee Operation Down to	-18℃	-18℃
	Corrosion Resistance Black Fin	-	-
	Corrosion Resistance Gold Fin	●	●
	Chargeless of Piping Length	7.5 m	7.5 m
	Pressure Sensor	●	●
	Connection with AHU	● PAHCMR000	● PAHCMR000
	Synchro Function	-	-
	Long Pipe Installation	75 m	75 m
	Peak Current Control	-	-
	Continuous Cooling Operation	●	●
	Mode Lock	-	-
	PI 485	●	●

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※ Specifications may vary by each model or IDU / ODU combination.

Premium Solution for Retail Ceiling Cassette



Maximizing Business, Minimizing Cost

Premium Design & Customer Oriented Functions

- Premium interior with brighter (white) panel suits any shop
- Customer oriented functions with intelligent functions (Direct / Indirect Mode)
- Uniform space cooling & heating by power cooling & heating mode

Energy Savings

- Low operation cost by High SEER products
- Adjust evaporating temperature by dual sensing (Humidity + Temperature)
- Various energy saving solutions (scheduling, energy monitoring and interlocking)
- Real-time energy monitoring

Ease of Operation and Maintenance

- Convenient control via smartphone
- Intuitive wired remote controller

Comfort Solution for Residential: Ceiling Concealed Duct



Creating a Comfortable Home with Low Cost

Simple & Low Cost Installation for Entire House

- Cooling or heating for several rooms with one set of Ceiling Concealed Duct
- Easy control of air volume for each rooms by zone controller accessory
- Flexible installation by ESP control

Energy Savings

- Low operation cost with High SEER product
- Various energy saving solutions (scheduling, energy monitoring and interlocking)

Ease of Operation

- Anytime, anywhere control via smartphone
- Intuitive wired remote controller

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Customized Solution for Office Ceiling Cassette

Supporting Efficiency with Fresh and Comfort Air

Comfortable Office Environment

- Human oriented air flow (Direct / Indirect / Refresh mode)
- Foot thermal comfort by floor temperature detection
- Powerful performance by power cooling & heating mode
- High ceiling operation such as lobbies and reception areas (Max. 5 m)

Energy Savings

- Adjust evaporating temperature by dual sensing
- Low operation cost with High SEER products
- Auto on / off operation by human detection
- LG's smart central controller provides a variety of energy saving solutions (scheduling, interlocking, peak control and energy navigation)

Ease of Operation and Maintenance

- Convenient control via smartphone
- Easy maintenance by elevation grille
- Convenient diagnosis by black box function



Optimized Solution for Technical: Wall Mounted

Reliable and Efficient Technical Cooling

Reliability

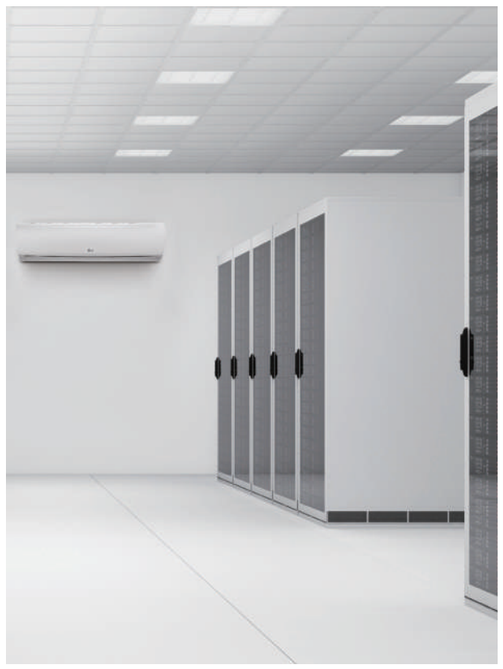
- Continuous cooling operation at -20 ~ 52°C
- Quick & Reliable operation with temperature & pressure control
- Round-the-clock cooling (24h, 365 days)
- Power cooling mode for peak time
- Duty operation via a server room controller

Energy Savings

- Low operation cost by High SEER product
- Real-time energy monitoring

Ease of Operation and Maintenance

- Convenient control via remote controller or centralized control
- Immediate diagnosis via mobile LGMV
- Accurate diagnosis via black box function



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※ Specifications may vary by each model or IDU / ODU combination.

SEER / SCOP

LG's advanced technologies achieve world-class energy efficiency.



SEER / SCOP Class

kW	2.5	3.4	5.0	6.8	8.0	9.5	Average
SEER	7.0	6.8	7.6	8.5	7.8	7.6	7.6
	A++	A++	A++	A+++	A++	A++	A++
SCOP	4.0	4.0	4.4	4.8	4.8	4.5	4.4
	A+	A+	A+	A++	A++	A+	A+

※ These values are based in the H-Inverter Ceiling Cassette model and can change based on the applied combination.

European Energy Labeling

	SEER	SCOP
A+++	SEER ≥ 8.5	SCOP 5.1
A++	6.1 ≤ SEER < 8.5	4.6 ≤ SCOP < 5.1
A+	5.6 ≤ SEER < 6.1	4.0 ≤ SCOP < 4.6
A	5.1 ≤ SEER < 5.6	3.4 ≤ SCOP < 4.0
B	4.6 ≤ SEER < 5.1	3.1 ≤ SCOP < 3.4
C	4.1 ≤ SEER < 4.6	2.8 ≤ SCOP < 3.1
D	3.6 ≤ SEER < 4.1	2.5 ≤ SCOP 2.8

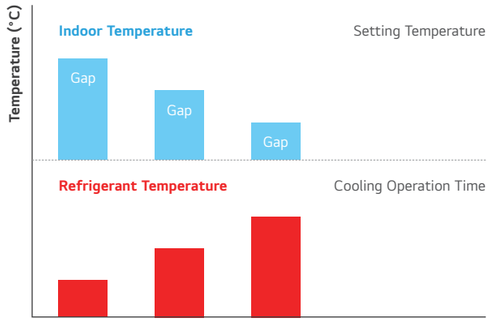
※ Based on Ceiling Cassette (6.8 kW)

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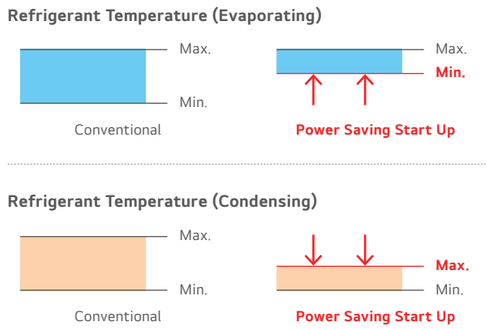
Energy Savings

LG commercial air conditioners will automatically alter the temperature of discharge air by controlling their refrigerant temperature based on the difference between the indoor temperature and the target indoor temperature. During cooling operation, evaporating temperature will increase if the temperature difference reduces. This allows for enhanced comfort and reduced energy consumption.

Comfortable Indoor Air

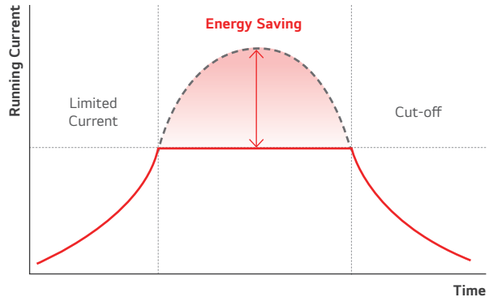


Energy Saving



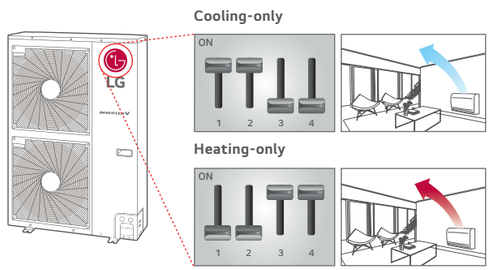
Peak Current Control

The peak current control function prevents the air conditioner from running at the maximum level while maintaining current system settings, in order to reduce energy consumption. This function helps minimize energy costs during the peak periods of energy use when the energy billing is much higher.



Mode Lock

Set the operation mode to either cooling-only or heating-only; either by adjusting the wired remote controller or setting the DIP switch to avoid combined use of cooling and heating. (Some models need wired remote controller for mode lock function according to feature overview table)



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Comfort with Temperature & Humidity Sensors

With Dual Sensing Control, air conditioners can rapidly achieve a comfortable indoor environment for customers.



DUAL SENSING CONTROL

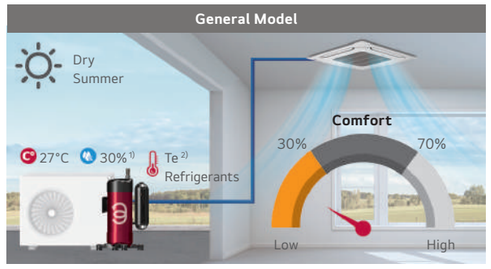
By sensing both temperature and humidity, this feature helps avoid over-cooling and dehumidification, maximizing comfort

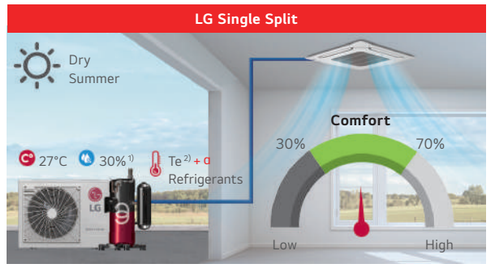
Humidity + Temperature

※ Comfort cooling apply to Ceiling Cassette, Ceiling Suspended, Console
- It does not apply to small capacity cassette models. (UT09FH, UT12FH, CT09F, CT12F, CT18F)

Dry Summer

During a dry summer season, the system senses the low humidity levels and decreases the operating ratio to increase humidity for a more comfortable environment and energy efficient operation.





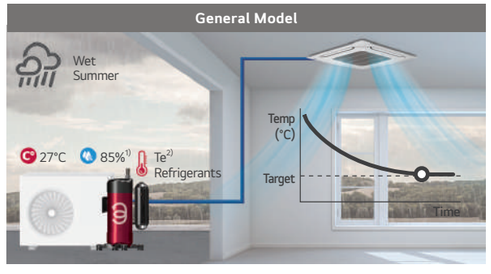
- **Uncomfortable Environment**
  Excessive latent heat elimination regardless of humidity
- **Waste Energy**
  Eliminate latent heat unnecessarily

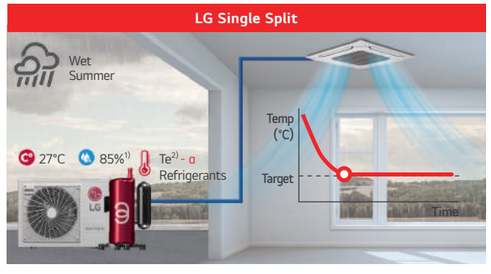
- **Comfortable Environment**
  By making the room less dry
- **Increased Energy Efficiency**
  provides optimized cooling and saves energy considering humidity

※ Humidity Condition : Low (<30%), Standard (30 ~ 70%)
1) Indoor Condition 2) Evaporation Temperature

Wet Summer

During a wet summer season, the system senses the high humidity levels and increases the operating ratio to rapidly decrease humidity for a more comfortable indoor environment.





- **Uncomfortable Environment**
  General latent heat elimination regardless of humidity

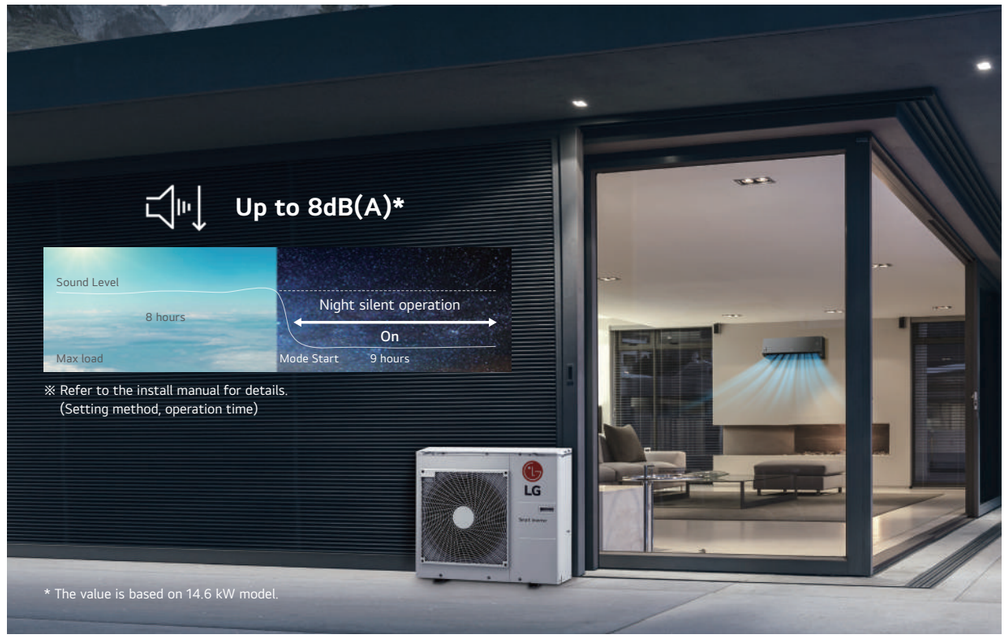
- **Comfortable Environment**
  Quick latent heat elimination with humidity sensors

1) Indoor Condition 2) Evaporation Temperature

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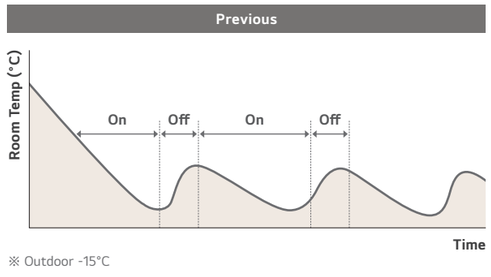
Night Silent Operation

Night Silent Operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.

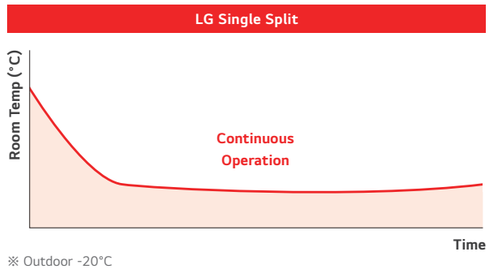


Continuous Cooling Operation

LG Single Split is able to perform continuous cooling at low ambient temperature. (as low as -15°C)



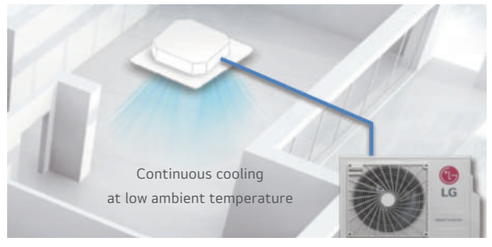
※ Outdoor -15°C



※ Outdoor -20°C



※ Based on a stand 36k model. (before 2019)



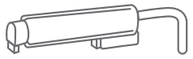
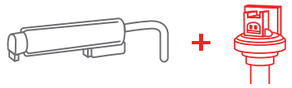
※ Based on a stand 36k model. (after 2019)

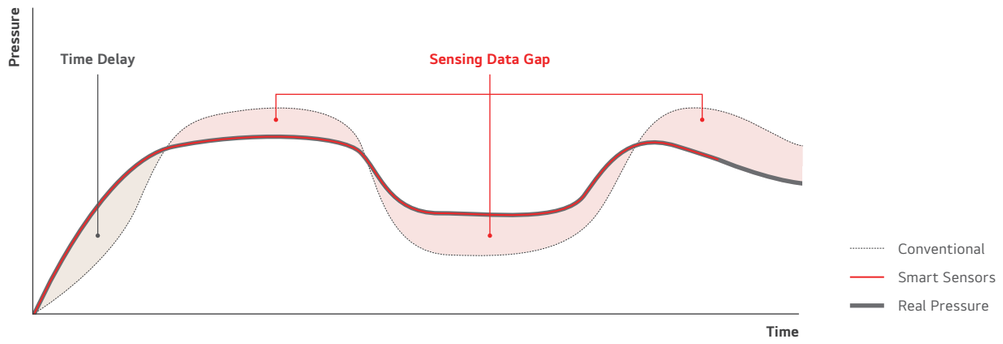
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Quick & Reliable Operation

Through pressure and temperature sensing, the desired indoor temperature can be reached more rapidly.

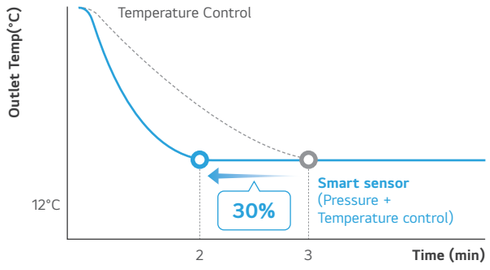
- Quick response due to sensing and ready for operation mode.
- Target performance point is reached while avoiding compressor damage from liquid compression or oil shortage.

Temperature Sensor Only	Smart Sensor
	
Temperature Sensor	Temperature Sensor + Pressure Sensor
Sensing ▶ Estimating Pressure	Directly Sensing Refrigerant Pressure ▶ Operate Compressor
It takes more time / Lack of reliaility	**Quick and reliable operation**



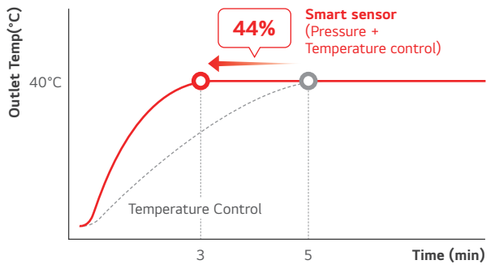
- With pressure sensing, the desired temperature is achieved in 30% less time in cooling and 44% in heating.

Cooling



※ Based on internal test data.

Heating

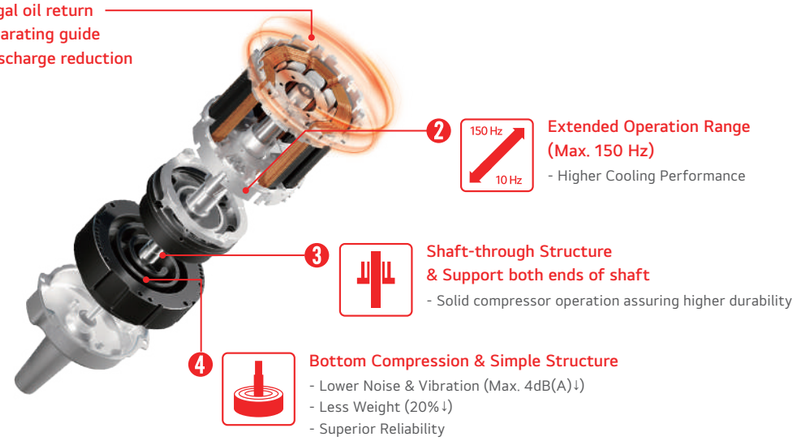


※ Based on internal test data.

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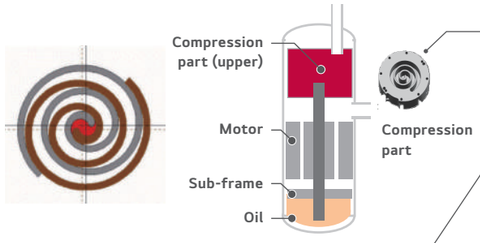
R1 Compressor™

R1 Compressor is one that combines high efficiency, low sound characteristics of the scroll and the simple compressing structure of the rotary compressor. This technology results in a highly efficient compact model.

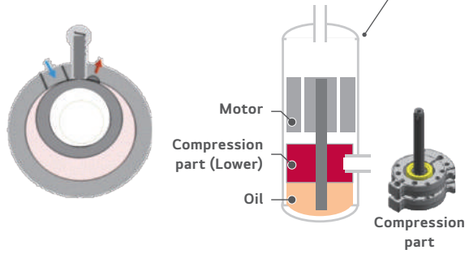


Conventional Compressor

Scroll
High efficiency / Low sound (Continuous compression, but complex structure)

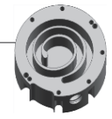


Rotary : Simple structure (Compression per 1 rotation)

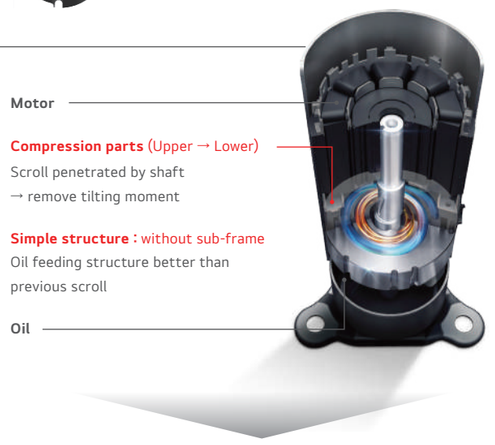


R1 Compressor™

Revolutionary Scroll
High efficiency / Stable & Simple Structure



Hybrid Scroll Shape (LG patent)*
* Patent registration number
(S.Korea : 10-1059880, USA : RE46106)



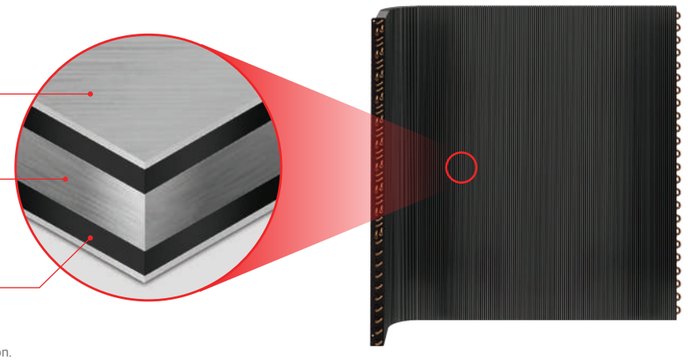
Extended operation **(Max. 150 Hz)**
Low noise & Vibration **(Max. 4 dB(A)↓)**
Less weight **(20%↓)**

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Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various externa lcorrosive conditions such as salt contamination and air pollution including fumes from factories.

Longer Lifespan, Lower Maintenance Costs



※ The product is not fully protected from corrosion.
To install near the sea, additional treatment might be required.

Verified Protection


Verification of Corrosion Resistance Performance Testing

TÜV Rheinland verify that corrosion resistance performance for aluminum sheet of heat exchanger of air conditioner is satisfied requirements at test method B of ISO 21207 standard according to reference no. 50251080 001.

Holder : LG Electronics Inc. 84, Wanam-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51554, Korea

Product: Aluminum sheet of heat exchanger of air conditioner

Identification: Corrosion improved aluminum fin (Black II)

Applicable Standard: Test method B of ISO 21207 (Salt contaminated condition and Severe industrial or traffic environment)

Claim Verified: Resists 27 years of simulated severe corrosion

Acceptance Criteria: LG(TG)-E-1028

TÜV Rheinland Korea Ltd. – Seoul 07298 – Republic of Korea


Verification Corrosion Resistance Performance Testing

TÜV Rheinland verify that the corrosion improved aluminum fin (Black II) of air conditioner heat exchanger has less than 0.05 % corrosion area after 10000 hours salt spray test.

Holder : LG Electronics Inc. 84, Wanam-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, 51554, Korea

Product: Aluminum sheet of air conditioner heat exchanger

Identification: Corrosion improved aluminum fin (Black II)

Applicable Standard: LG(TG)-E-1028:2019 ISO 9227:2017, ASTM B117 ISO 10588:1994, KS D 8502:2019

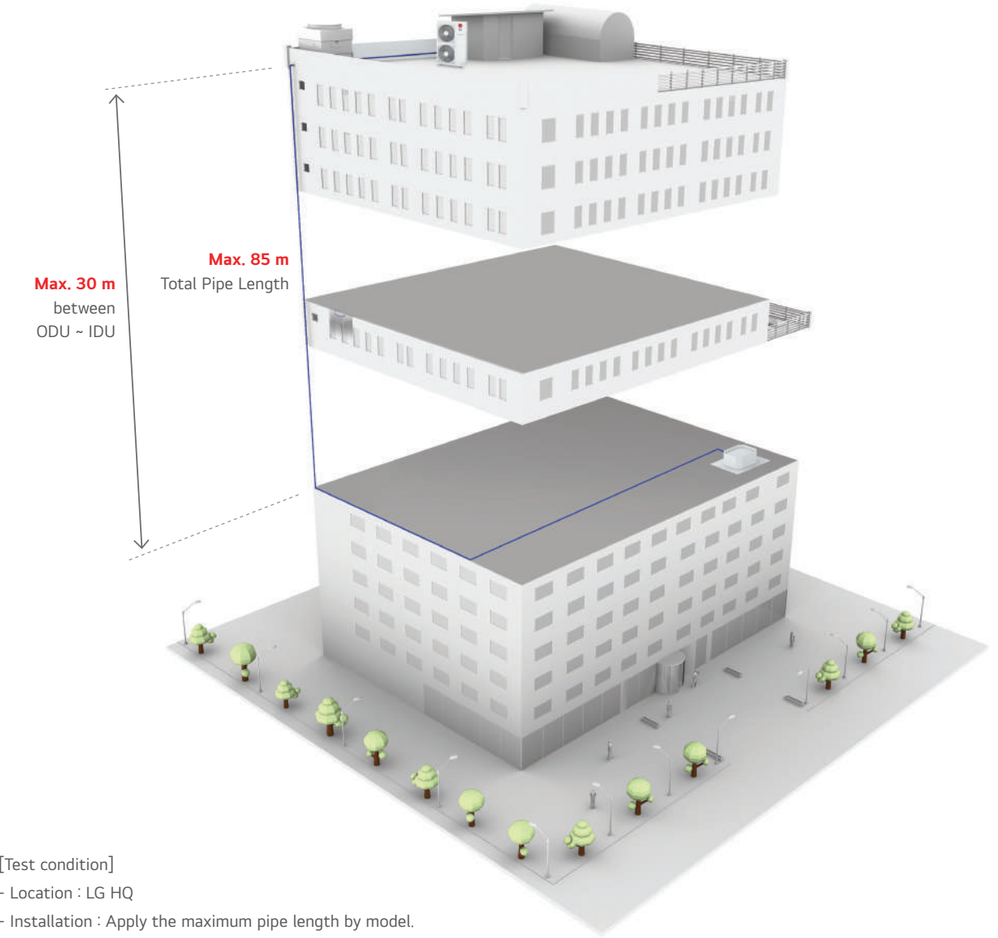
TÜV Rheinland Korea Ltd. – Seoul 07298 – Republic of Korea

TÜVRheinland®

※ Verification of corrosion resistance performance
- Test Method B of ISO21207
- ASTM B117 / ISO 9227 (10,000 hours)

Long Pipe Installation

Maximum pipe length up to 85 m and elevation length up to 30 m provides flexibility for various conditions and easy installation.



[Test condition]
- Location : LG HQ
- Installation : Apply the maximum pipe length by model.
- Period : 3 month (Checking oil level in real time)
- No use U-Trap

Model Name	UUA1	UUB1	UUC1	UUD1 / UUD3
Maximum Pipe Length	20 m	30 / 35* m	50 m	85 m
Maximum Height Difference (ODU-IDU)	15 m	30 m	30 m	30 m

* Compact 6.8 / 8.0 kW

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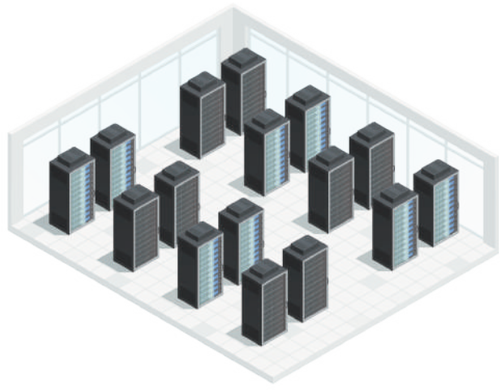
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※ Specifications may vary by each model or IDU / ODU combination.

Server Room Cooling Solution

A Server room is a facility composed of networked computers and storage that businesses and other organizations use to organize, process, store and disseminate data in the building.



What is Server Room?



Characteristics :

- Usually under IT control, may have some dedicated power and cooling capabilities.
- Generally server room needs to be operated 24/7.
- Computer and electric equipment constantly generate heat, and are sensitive to heat, humidity, and dust.
- Local server rooms in office, hotel or hospital buildings have relatively smaller cooling capacity than those in the data center.
- Limited space for installation of cooling system



Power Supply Unit



Network



Server Rack Mount

What Does a Server Room Need?

Server room operated 24Hour / 7 Day
- Constant cooling for 24/7/365
- Energy efficiency system with high performance
- Automatic failure back-up cooling system

Server room constantly generates heat
- Easy control & monitoring
- Remotely monitored
- Capacity back up system

Limited space for installation
- Compact size of indoor units
- Easy and simple installation
- Long pipe for flexible design and installation

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Duty Rotation

Duty Rotation

Operates more than 2 sets of indoor units alternatively at every set time of operation interval. Rotation interval can be set from 1h to 999h freely.

Without Duty Rotation



Air Conditioners' Overworking
- Shortening an air conditioner's lifetime
- Reducing compressor's life expectancy
- The service cost may increase due to an air conditioner's overworking

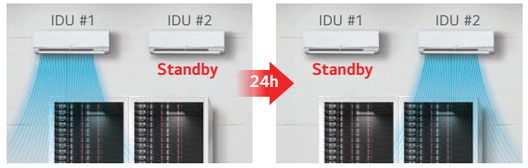
Duty Rotation



Stable & Safe Operation
- Stable operation due to indoor units taking turns when operating
- Less breakdowns and operational server room
- The air conditioner's life expectancy is increased
- Rotation interval can be set from 1h to 999h freely

Operation Scenario

When the number of the indoor units : 2
If the interval time is set 24h (default),
❶ While IDU #1 operates during interval time, IDU #2 is on standby.
❷ IDU #2 operates next 24 hours, and IDU #1 is on standby.



Failure Back-up

If systems in operation have an error and stop, the standby unit starts operation automatically.

Without Failure Back-up



A server can be shut down
- In case of an overheated server room a server can be shut down
- The risk of an increased service cost
- The need for manual monitoring and operation for failure

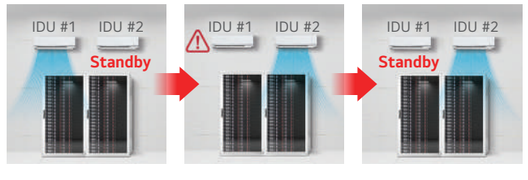
Failure Back-up



Stable & Safe Operation
- Stable operation because the operation error can be covered by failure back-up operation
- Continuous server operations and decreased risk
- The server is protected from overheating
- Less manual work

Operation Scenario

When the number of the indoor units : 2
❶ When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
❷ If an error occurs on IDU #1, a standby unit starts operation.
❸ After the error is cleared, IDU #2 goes back to standby.



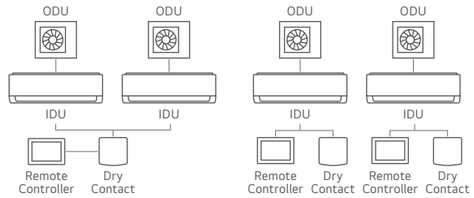
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Duty Rotation

Simplified Connection

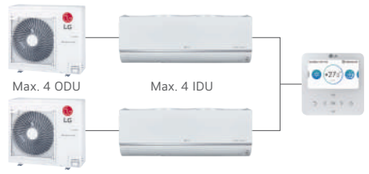
For small server rooms, LG provides a simple system with only one remote controller. It doesn't need additional control accessories.

Conventional



- **Higher product cost**
  A conventional system needs a dry contact and 3rd party control individual remote controller(s).
- **Higher installation cost**
  Need more labor and time for design, installation, cabling and test.
- **Design & Installation difficulties**
  It is difficult to make if you need to control more indoor units.

LG Server Room Solution

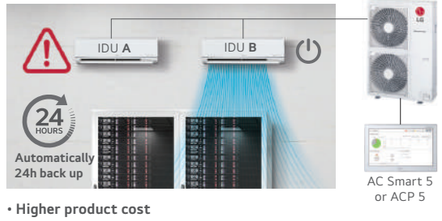


- **Lower product cost**
  Only one LG's remote controller needed for max.4 ODUs and IDUs.
- **Lower installation cost**
  Need less labor and time for design, installation, cabling and test.
- **Easy Design & Installation**
  It provides easy design and installation because of a simple system with LG controller even in case of more number of ODUs and IDUs (Max.4).

Small Server Room Cooling Solution

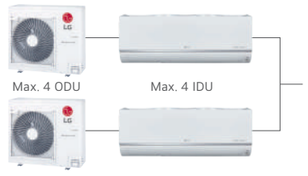
Considering a server room solution using central controllers' interlocking + schedule function is too much expensive and complex for small sized server rooms.

Using Central Controllers



- **Higher product cost**
  Conventional system needs AC Smart 5.
- **Higher installation cost**
  Need the installation of communication lines for central controllers.
- **Design & Installation difficulties**
  It is difficult to make and manage the interlocking logics.

Small Server Room Cooling Solution



- **Lower product cost**
  Only LG remote controller needed for max.4 ODUs and IDUs.
- **Lower installation cost**
  Need less labor and time for design, installation, cabling and test.
- **Easy Design & Installation**
  It provides easy design and installation because it has simple system with LG controller even in case of several ODUs and IDUs (Max.4).

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※ Specifications may vary by each model or IDU / ODU combination.

Capacity Back-up

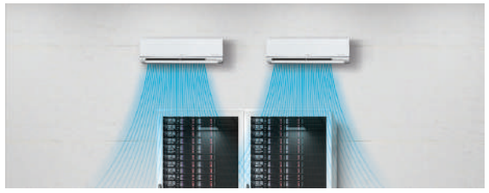
When the difference between the cooling set temperature and the current room temperature is higher than the set temperature difference of capacity back-up, the standby unit operates. When the temperature difference reaches the set temperature difference, it goes back to the normal duty rotation.

Without Capacity Back-up



Server can be Overheated
- Sometimes the server room can be overheated because of the server overload
- The servers can be shut down when they overheat continuously
- Air conditioners overload
- Need manual controls for additional cooling

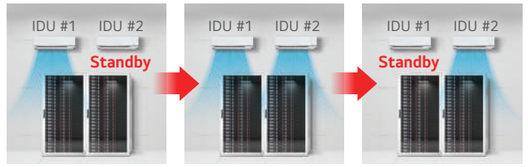
Capacity Back-up



Stable & Safe Operation
- Stable operation due to the over capacity by back-up operation
- Prevent air conditioners from overload
- Protect server from overheating
- No need for manual controls due to the automatic protection from overheating

Operation Scenario

When the number of the indoor units : 2
The set temperature difference is A, and the difference between the cooling set temperature and the current room temperature is B,
❶ When duty rotation is enabled, IDU #1 is in operation and IDU #2 is on standby.
❷ If B is higher than A, the standby unit starts operation.
❸ When B goes down and remains below A for some time, The backup unit stops and goes back to standby mode.



If cooling set temperature is 22℃ and the set temperature difference is 4℃.

When current temperature goes above 26℃, the standby unit starts operation.

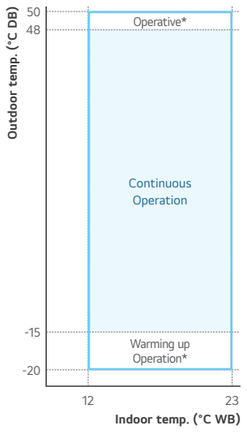
If currnet temperature drops and remains below 26 ℃ for some time, the backup unit stops.

Wide Operational Range

In case of the server room, continuous cooling is required all year round, and outdoor unit must be stable in the outdoor harsh cold temperature. LG Single split has wide operation range in cooling down continuously from -15°C and up to 48°C.

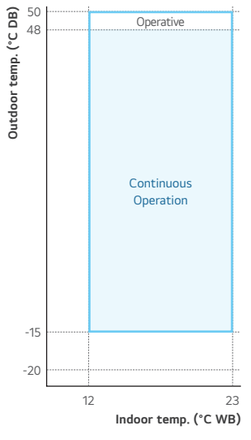
6.8 kW Model

-20°C ~ 50°C

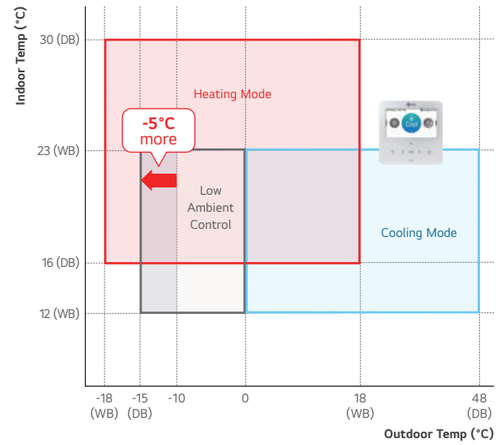


2.5 / 3.4 / 5.0 kW Model

-15°C ~ 50°C



8.0 kW / 9.5 kW Model



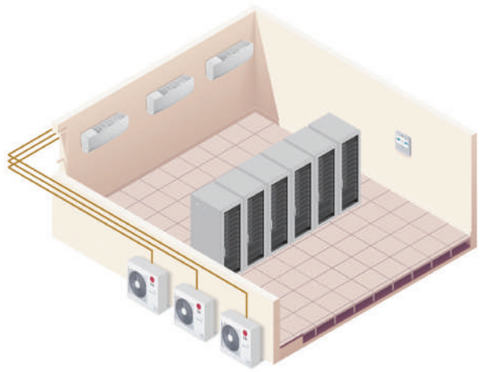
* Warming up operation and operative means that the outdoor unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

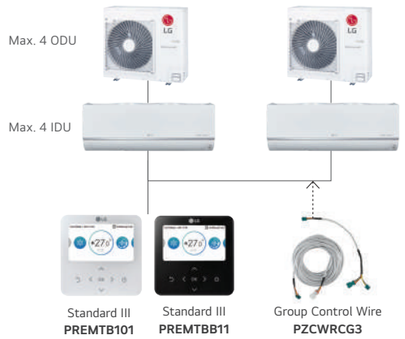
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Duty Rotation

Typical Scene

Various capacities of ODU and IDU for the small server room solution.





LG Server Room Cooling Solution Summary

- Purpose : Cooling small sized server room (IDU #2~4 units)
- ODU : Single Split / Multi Split / Multi-V + All type of IDUs
- Various option of choice for ODU and IDU
- Extremely safe and optimal solution for server rooms to cover ODU errors and insufficient capacities.
- Safety functions without any accessories : Duty Rotation, Capacity Back-up. Failure Back up
- Only one (1) remote controller for all (2~4) indoor units.

Applicable Model

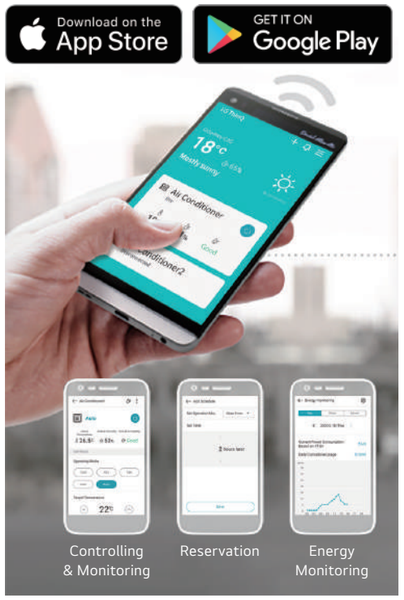
PRODUCT	MODEL NAME
Wall Mounted	MJ05PC.NSJ
	MJ07PC.NSJ
	MJ09PC.NSJ
	MJ12PC.NSJ
	MJ15PC.NSJ
	MJ18PC.NSK
	MJ24PC.NSK
	US30F.NR0
	US36F.NR0
CST	UT18FH.NB0
	UT24FH.NA0
	UT30FH.NA0
	UT36FH.NA0
	UT42FH.NA0
	UT48FH.NA0
	UT60FH.NA0
	CT24F.NB0
	UT30F.NB0
	UT36F.NA0
	UT42F.NA0
	UT48F.NA0
	UT60F.NA0
Low Static Ducted	CL09F.N50
	CL12F.N50
	CL18F.N60
	CL24F.N30
	UL12FH.N50
	UL18FH.N30

PRODUCT	MODEL NAME
Middle Static Ducted	UM12FH.N10
	UM18FH.N10
	UM24FH.N20
	UM30FH.N20
	UM36FH.N30
	UM42FH.N30
	UM48FH.N30
	UM36F.N21
	UM42F.N21
	UM48F.N31
	UM60F.N31
High Static Ducted	UB200.N80
	UB250.N80
Ceiling Suspended	UV18F.N10
	UV24F.N10
	UV30F.N10
	UV36F.N20
	UV42F.N20
	UV48F.N20
	UV60F.N20
	UV18FH.N10
	UV24FH.N20
	UV30FH.N20
	UV36FH.N20
	UV42FH.N20

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ThinQ™

Users can control air conditioners using Android or iOS-enabled smartphones and voice commands via Google assistant and Amazon's Alexa.



※ Search "ThinQ" on Google or Apple store then download the app.
※ Wi-Fi modem (PWFMDD200) is required by option.
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

Access Your Air Conditioner Anytime and from Anywhere



Simple operation for various functions

- Air Purify*
- On / Off*
- Mode Selection*
- Current Temperature*
- Set Temperature*
- Set Fan Speed*
- Vane Control

* This functions are used by google assistant
※ In some countries, the use of the google assistant system may be restricted.
- Launched in countries: Germany, UK, Ireland, Austria, Switzerland, France, Spain, Italy, Russia, Norway, Netherlands, Portugal, Turkey, Sweden, Denmark

Easy Control (Central Controller)

PI-485 is a gateway device that provides communication between LG Outdoor Units and LG central controllers such as ACP, AC Smart.







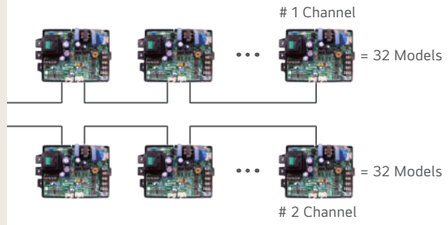
AC Ez Touch (PACEZA000)
Max. 1 Channel
Max. 32 unit



AC Smart 5 (PACS5A000)
Max. 2 Channels
Max. 64 unit



ACP 5 (PACP5A000)
Max. 4 Channels
Max. 128 unit



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1 Point External Input (On / Off Control)

An indoor unit can be controlled by external devices without a dry contact, so customers can save cost of installation.

Connection between an indoor unit and external devices directly

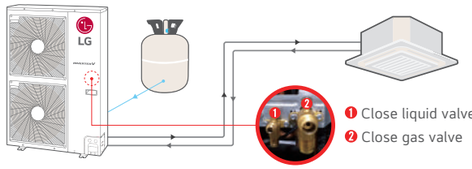


※ In case of needing more functions beside on / off control, a dry contact is required to be installed.

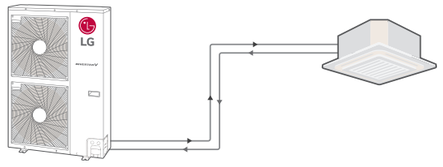
Forced Cooling Operation

This function allows the refrigerant to be recharged or pumped down, regardless of the indoor temperature. Note that this function can be used when indoor units are being moved or repaired.

Recharging



Pump Down



Mobile LGMV

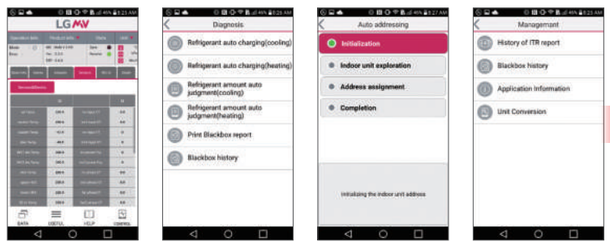
LGMV (Monitoring View) helps engineers to inspect and monitor an air conditioning unit easily.



Install / SVC Engineer　Mobile LGMV

Error Indicator

	Contents
01	Air temperature sensor of an indoor unit
02	Inlet pipe temperature sensor of an indoor unit
03	Communication error : Wired Remote Controller ↔ Indoor Unit
⋮	



Cycle Monitoring　Diagnosis　Installation　Smart Management

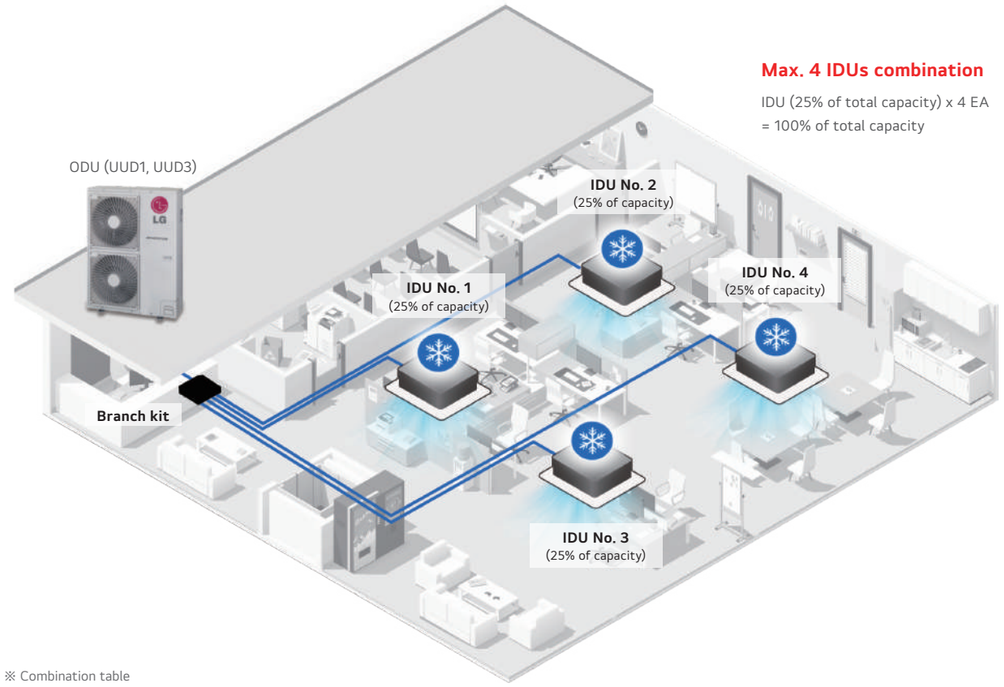
A technician not only can check the cycle information with diagrams & graphs, but also check easily the error status (Troubleshooting guide) and take action immediately.

※ Search "Mobile LGMV" on Google or Apple store then download the app.
※ Wi-Fi modem (PWFMDD200) is required by option.

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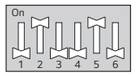
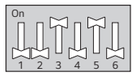
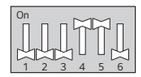
Synchro Function

Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.



※ Combination table

2 PMUB11A	3 PMUB111A	4 PMUB1111A
		

Model	Duo		Trio		Quartet	
	Cassette	Duct	Cassette	Duct	Cassette	duct
UUD1, UUD3	CT18F x 2 EA	CM18F x 2 EA	CT12F x 3 EA	CL12F x 3 EA	CT12F x 4 EA	CL12F x 4 EA
	CT24F x 2 EA	CM24F x 2 EA	CT18F x 3 EA	CM18F x 3 EA	-	-
	UT30F x 2 EA	UM30F x 2 EA	-	-	-	-
Branch kit	PMUB11A		PMUB111A		PMUB1111A	
Dip switch						

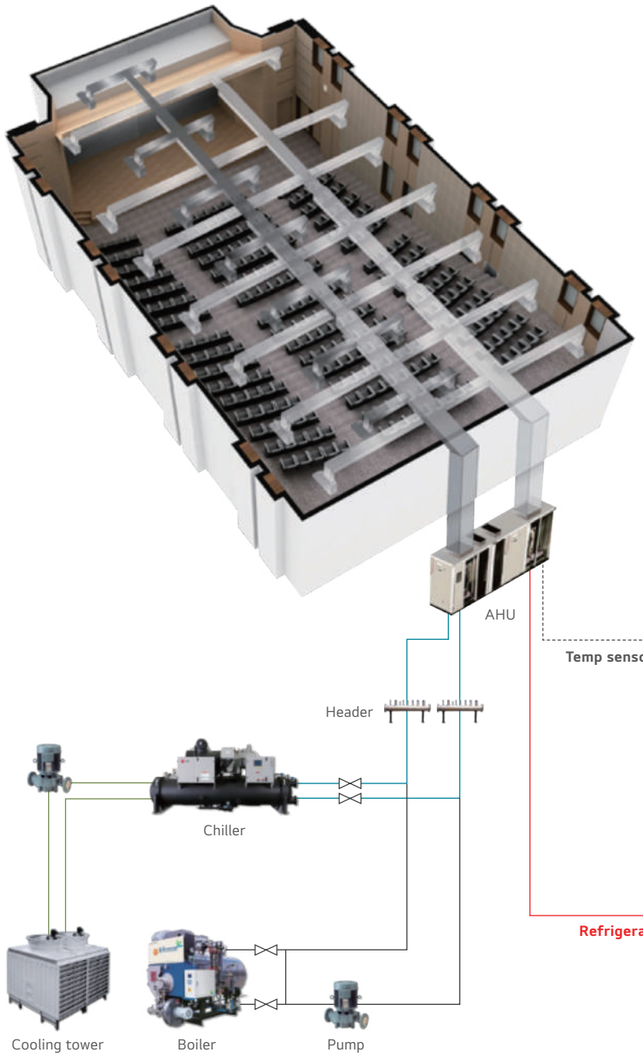
Note
1. Possible indoor units : Single CAC indoor unit series
   • Dry contact & Zone control & Auto changeover is not available which is connected with synchro.
   • When using synchro operation
     - Do not use wireless remote controller.
     - Use only one wired remote controller in the indoor units.
     - Some Central controllers and some functions of central controller can not be available with synchro operation.
2. Branch kits are required for operating Synchro models.

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Connection with AHU

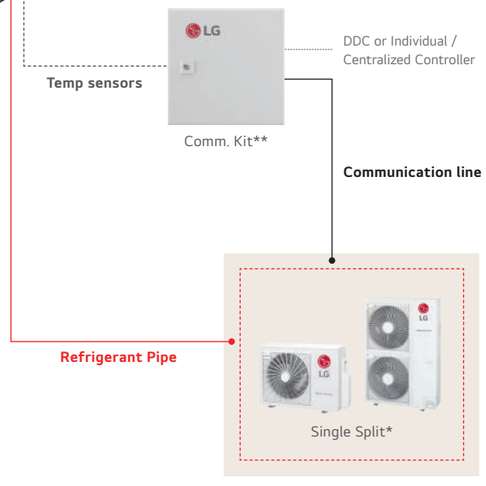
Single split can be connected to AHU using communication kit.

COMPLICATED



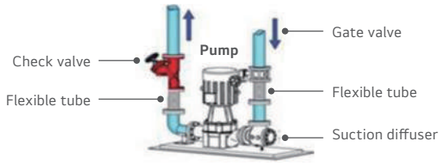
SIMPLE

Simple and space saving
Easy installation
Low maintenance cost



* The single model can be applied only to UUB1, UUC1, UUD1, UUD3
** Model name of communication kit
- RA air temperature control : PAHCMR000
- SA air temperature control : PAHCMS000

Complicated Piping Work



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4 Way CST Elevation Grille Panel with Air Purification Kit

Easy-to-clean automatic elevating grille panel, The function of automatic lifting panel and Air purification are implemented in one panel, providing customers with comfortable air as well as maintenance convenience.

Conventional



LG Elevation Grille Panel



Features

❶ Floor Obstacle Sensing
❷ Left and Right Horizontal Sensing
❸ Setting the Stop Position
❹ Checking the Grille Closure



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※ Specifications may vary by each model or IDU / ODU combination.

MINI CEILING MOUNTED CASSETTE



Compact Size

Slim & Compact Design

Slim & compact design not only saves space but also reduces installation cost. It's designed to suit most of building designs and fit into space.
※ Product images may differ from the actual product.



Dimension	
W x H x D (mm)	570 x **214** x 570
Body Weight (kg)	**12.4**



Dimension	
W x H x D (mm)	570 x **256** x 570
Body Weight (kg)	**13.9**

Easier Installation via Light & Slimmer (Compact Cassette for Grid Ceiling)

- Light & very slim can make installation possible even in small ceilings.
- Designed to enough fit to a 600 x 600 mm ceiling grid.

※ Product images may differ from the actual product.



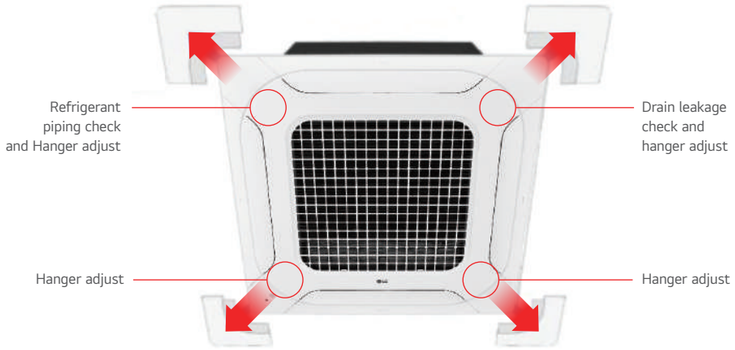
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Easy Panel installation

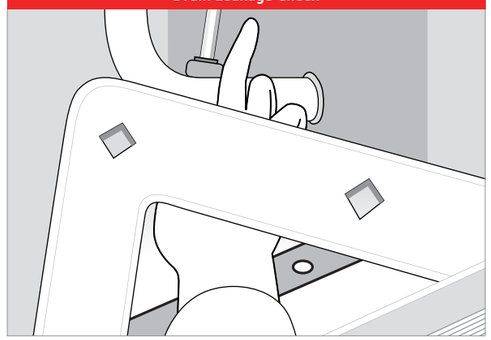
The detachable corner design makes it easy to check leakage and adjust hanger, And it is easy to install the panel to the body.

※ Product images may differ from the actual product.

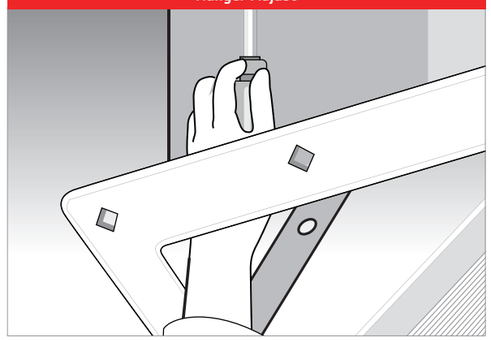
Detachable Corner Design



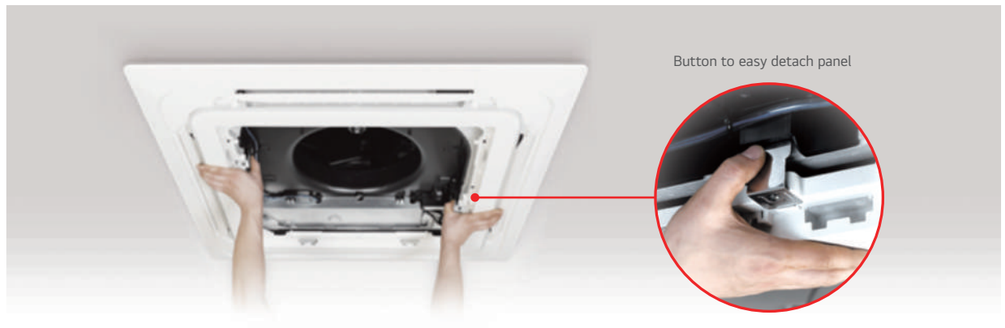
Drain Leakage Check



Hanger Adjust



One Push Panel



※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Top Efficiency

Among the lightweight and slim CST products, World's class High efficiency.

※ Product images may differ from the actual product.



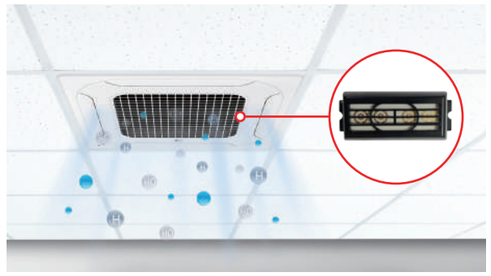
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Ionizer for Mini 4 Way Cassette

The Plasma ion of Ionizer removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 4 million ions. Experience a safer, cleaner indoor environment.

※ Depending on the experimental conditions



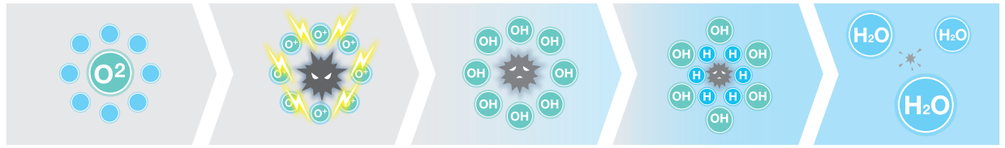


※ Product images may differ from the actual product.

How It Works

Reduction and Deodorization (Utilizes Over 4 Million Ions)

Ionizer reduces E.coli and Staphylococcus in the surface with over 4 million ions.



Ion Cluser Generation

Ions are released into the air.

Surrounding Harmful Substances

H- and O- bond to harmful particles.

OH Radical Production

OH radicals inactivate harmful substances.

Chemical Reaction

OH radicals bond with H particles.

Complete Bacteria Removal

H_2O molecules are produced.

Benefit & Verification

The LGE's ionizer has demonstrated the capability to remove more than 99% of bacteria, including Escherichia coli, Pseudomonas aeruginosa, and Staphylococcus.

Test Verification Report





※ Test Summary
Test Date : Jan., 2021
Test Place : LG electronics Inc.
Test Model : MDU621411 (For Mini 4 Way Cassette)
Test Specification : SPS-KACA-002-132※1 (Indoor air cleaners)
- Test Chamber Size : 30L (310 x 310 x 310 mm)
- Test Condition : (25 ± 3)°C, (45 ± 10)%

Model Name	PAS-NATDR2
Input voltage	DC 12 V +_ 10 %
Power consumption	Less than 1.0 W
Ionic weight (Distance of 10 cm)	200 x 10 (3) / CC

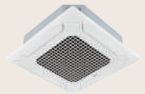
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※ Specifications may vary by each model or IDU / ODU combination.

H-INVERTER (R32)

High Performance with Lower Energy Consumption

- High SCOP cassette ensures top performance and great energy savings.
- Maximize space utilization with compact size.
  (Solution for small businesses and shops)
- **Optional plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.**
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.

UT09FH.NQ0 / UT12FH.NQ0



UUA1.UL0



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1.6 / 2.5 / 4.0	1.6 / 3.4 / 4.8
	Heating	Min. / Rated / Max.	kW	1.7 / 3.2 / 4.5	1.7 / 4.1 / 5.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 0.61 / 0.98	0.32 / 0.97 / 1.78
	Heating	Min. / Rated / Max.	kW	0.32 / 0.75 / 1.06	0.32 / 1.03 / 1.87
Running Current	Cooling / Heating	Rated	A	2.7 / 3.3	4.3 / 4.6
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 4.00
SEER / SCOP			kWh/kWh	7.0 / 4.0	6.8 / 4.0
Pdesign	Cooling @ 35°C		kW	2.5	3.4
	Heating @ -10°C		kW	2.8	2.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	125 / 980	175 / 980
Dehumidification Rate			l/h	0.1	0.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**UT09FH.NQ0**	**UT12FH.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	11.0 / 10.0 / 9.3	11.0 / 10.0 / 9.3
Dimensions	Body	W x H x D	mm	570 x 256 x 570	570 x 256 x 570
Weight	Body		kg	13.9	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	41 / 39 / 37	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	54	54
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-QAGW0	PT-QAGW0
	Color		-	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0
OUTDOOR				**UUA1.UL0**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
Weight	Net		kg	33.3	
Compressor	Type		-	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	
	Chargeless		m	10	
	Additional Charge		g/m	20	
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	
Piping Elevation	IDU - ODU	Max	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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※ Specifications may vary by each model or IDU/ODU combination.

STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Maximize space utilization with compact size (Solution for small businesses and shops)
- **Optional plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.**
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.

CT09F.NR0 / CT12F.NR0 / CT18F.NQ0



UUA1.UL0 **UUB1.U20**



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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.5	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 3.7	1.8 / 4.1 / 5.0	2.3 / 5.7 / 6.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.61 / 0.87	0.30 / 0.98 / 1.62	0.30 / 1.57 / 2.20
	Heating	Min. / Rated / Max.	kW	0.30 / 0.75 / 0.89	0.30 / 1.11 / 1.57	0.30 / 1.52 / 2.13
Running Current	Cooling / Heating	Rated	A	2.7 / 3.3	4.4 / 4.9	8.0 / 7.8
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 3.71	3.19 / 3.74
SEER / SCOP			kWh/kWh	6.7 / 4.0	6.7 / 4.0	6.4 / 4.3
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5
	Heating @ -10°C		kW	2.8	2.8	4.1
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	131 / 980	178 / 980	273 / 1,335
Dehumidification Rate			l/h	0.63	1.26	1.89
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CT09F.NR0**	**CT12F.NR0**	**CT18F.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
Weight	Body		kg	12.4	12.4	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	52	52	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
	Model Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0
Recommended Decoration Panel**	Color		-	White	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0	3.0
OUTDOOR					**UUA1.UL0**	**UUB1.U20**
Power Supply			Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A		15	20
Power Supply Cable (Included Earth)			No x mm^2		3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm		770 x 545 x 288	870 x 650 x 330
Weight	Net		kg		33.3	44.5
Compressor	Type		-		Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-		R32/ 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg		1.0 / 0.675	1.2 / 0.81
	Chargeless		m		10	10
	Additional Charge		g/m		20	20
Fan	Air Flow Rate	Rated	m^3/min x No.		28 x 1	50 x 1
Total Piping Length		Min. / Max.	m		5 / 30	5 / 30
Piping Elevation	IDU - ODU	Max.	m		30	30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
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   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT18F

- Solution for small businesses and shops (Only CT18F NQ0)
- **Optional plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.** (Only CT18F NQ0)
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.

CT18F.NQ0



UUA1.UL0



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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.76 / 2.11
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87
Running Current	Cooling / Heating	Rated	A	7.8 / 6.4
EER / COP			kWh/kWh	2.85 / 3.60
SEER / SCOP			kWh/kWh	6.3 / 3.9
Pdesign	Cooling @ 35°C		kW	5
	Heating @ -10°C		kW	2.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005
Dehumidification Rate			l/h	1.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50
	Heating	Min. / Max.	°C	-10 / 18
INDOOR				**CT18F.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 256 x 570
Weight	Body		kg	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0
	Model Name		-	PT-QAGW0
Recommended Decoration Panel**	Color		-	White
	Dimensions	Body	mm	620 x 34 x 620
	Weight	Body	kg	3.0
OUTDOOR				**UUA1.UL0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Circuit Breaker		Min.	A	15
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288
Weight	Net		kg	33.3
Compressor	Type		-	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675
	Chargeless		m	10
	Additional Charge		g/m	20
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1
Total Piping Length		Min. / Max.	m	5 / 30
Piping Elevation	IDU - ODU	Max.	m	30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
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   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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CEILING MOUNTED CASSETTE



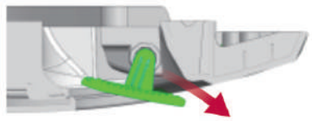
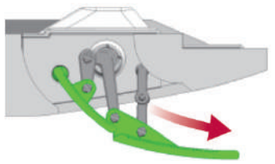
4 Way Air Flow with New DUAL Vane Design

Innovative dual vane designs with the best airflow for various spaces.

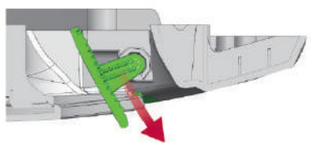
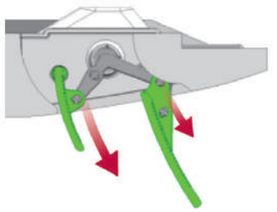


New Types of Wind Solutions

Indirect Wind

Normal	DUAL Vane
	

Direct Wind

Normal	DUAL Vane
	

6 Air Flow Modes



Power Mode
Fast and Quick



Up / Down Swing
Fresh and Natural



Smart Mode
Auto Vane Control



Indirect Wind
Indirect cooling & Heating



Direct Wind
Suitable for High Ceiling

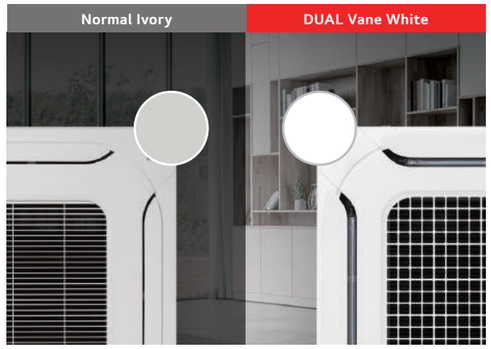


Refresh Mode
Provide High Concentration

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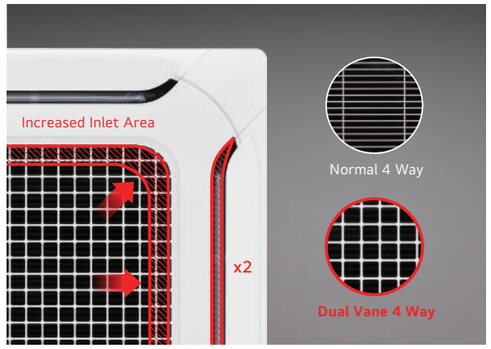
Brighter Color

Color enhancement allows cassette to blend into most interior ceiling spaces.



Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



Full 3D Turbo Fan

Full 3D Turbo fan decreases air resistance, creating high efficiency and reducing the noise level.

Turbo Fan



Full 3D Turbo Fan

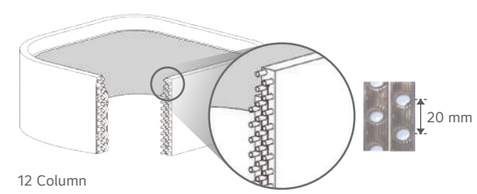
Power consumption 13 W ↓, Noise 3 dB(A) ↓



High Efficiency Heat Exchanger (HEX)

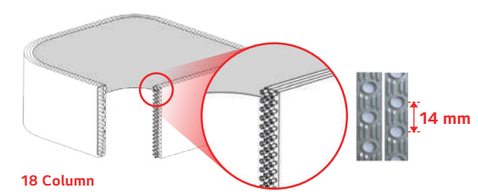
A highly integrated heat exchanger serves to increase cooling and heating efficiency.

Normal HEX



Tube Column	12 Column
Fin per Inch	21

High Efficient Ø5 HEX



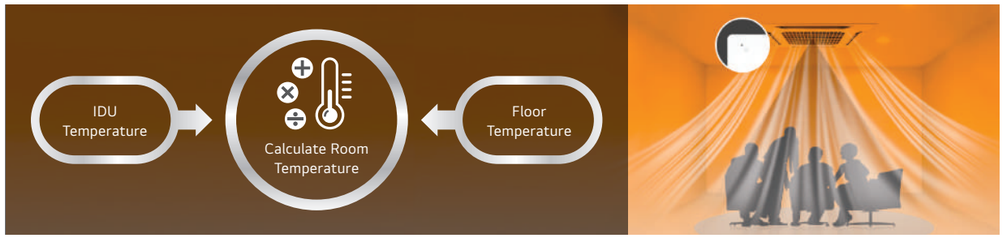
Tube Column	18 Column
Fin per Inch	22

※ This specification can be different as per each model.

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※ Specifications may vary by each model or IDU / ODU combination.

Sensor Reads Temperature from Ceiling to Floor for Heating

An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.



※ Available only for products with a floor temperature sensor.

Human Detecting Direct / Indirect Airflow

Human sensing function locates users to provide an adapted airflow.

Comfort Indirect

Prevent an airflow from heading to a user by sensing.



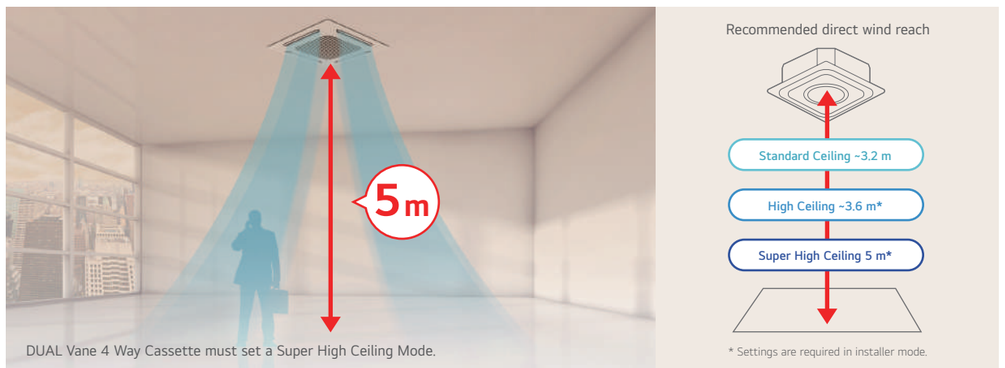
Follow User Direct

Direct an airflow to a user by sensing.



Direct Wind

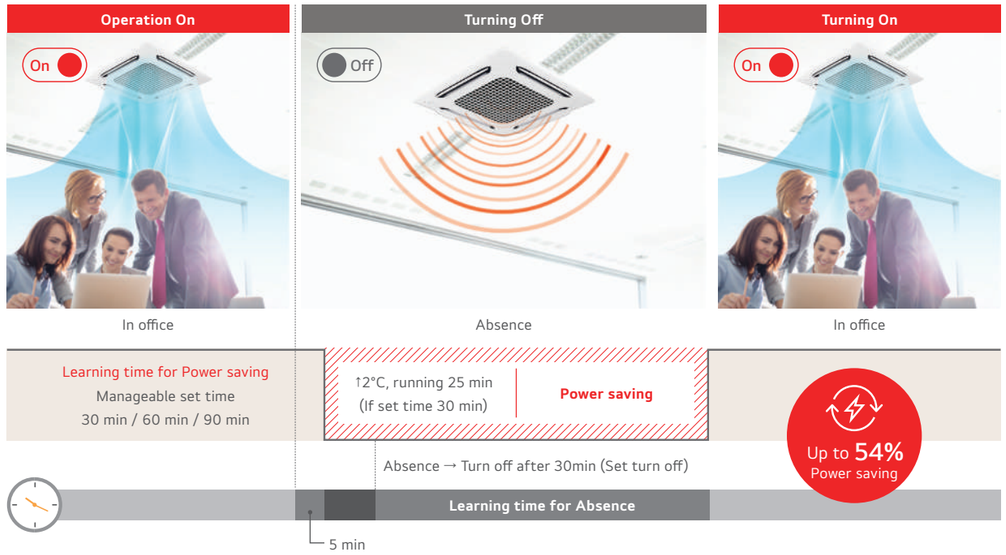
The wind can reach up to 5 m with plenty of air volume. (@ 0.5 ms)



※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Human Detecting On / Off Learning Operation System

An indoor unit senses people to switch On / Off for up to 54% power saving.



※ Data Based on actual test of LG, single product 2 hours measurement result. (Cooling 26 °C, strong wind)

Various Display of Air Purification

Installed Wi-Fi leads unlimited boundary to control IDU and display Air Purification status.

Smart Indicator

Shows the quality of indoor air in real time



Remote Controller

Displays Air status and
Fine Dust Concentration



Mobile

Whenever & Wherever
Check and Control Air status



Pairing ThinQ

Possible to connect an indoor unit with ThinQ anywhere, anytime.

① Monitoring Air Status : Easy to check indoor air status
- Microfine dust / Ultra fine dust / Fine dust
- Day / Week / Month / Yearly

② Mobile Remote Control : Remote control by using mobile phone
- Control Mode / Temperature / Air flow etc.

③ Display Power Consumption : Check power consumption of A/C
- Check energy display
- Set target energy consumption level

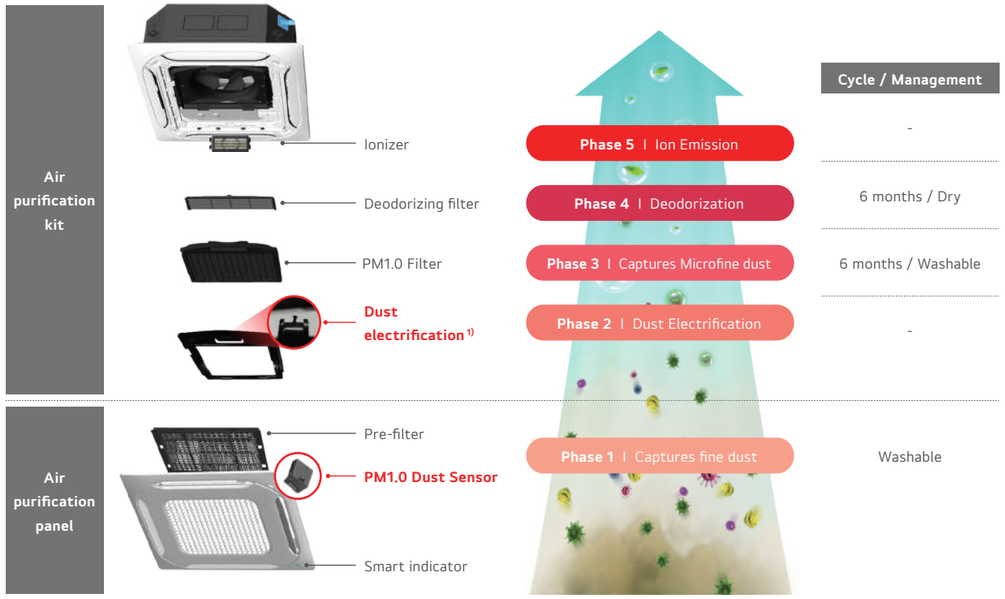


※ For our policy of continuous improvement, specification, design and features are subject to change without prior notice.

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Convenient and Powerful Air Purification

An easy to manage air purifying system with a one-touch air cleaning filter.



1) Electrical diffusion makes dust electrification.

CAC certification?

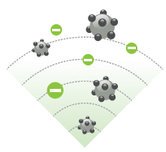
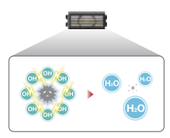
The Korea Air Cleaning Association strictly tests the air cleaning function of air conditioner products and provides certification to the product that gives credibility to consumers.



The Korea Air Cleaning Association

Air Purification Technology

5-Steps air cleaning process removes invisible, ultra fine dust, odor and germs to ensure a clean and healthy living environment

1st Step	2nd Step	3rd Step	4th Step	5th Step
Pre Filter	**Anion Emission**	**PM1.0 Filter**	**Deodorization Filter**	**Ionizer**
				
A multi-layer structure removes particles with 2.5 times higher efficiency than general pre-filters, with the amount of particles being reduced by 40%.	Anion increases the electrostatic force of particles, improving the filter's collecting efficiency.	Removes up to 99% of Fine particles to ultrafine particles (Able to remove PM 1.0)	High efficiency gas adsorption technology removes life odor & harmful gases	Deactivates bacteria and virus that cause food poisoning and pneumonia

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Individual flap (Vane) Control

User can flexible use Ceiling Mounted Cassette flexibly according to usage space and suits any office configuration.



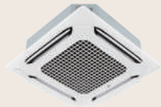
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H-INVERTER (R32)

High Performance with Lower Energy Consumption

- High SCOP cassette ensures top performance and great energy savings.
- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygenic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and Ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.

UT18FH.NB0 / UT24FH.NA0 / UT30FH.NA0



UUB1.U20 **UUC1.U40**



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 6.0	2.7 / 6.8 / 8.3	3.2 / 8.0 / 9.5
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 7.0	3.2 / 7.9 / 9.9	3.6 / 9.0 / 10.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.25 / 1.69	0.30 / 1.66 / 2.31	0.40 / 2.12 / 2.82
	Heating	Min. / Rated / Max.	kW	0.30 / 1.47 / 1.98	0.40 / 1.76 / 2.53	0.40 / 2.14 / 2.93
Running Current	Cooling / Heating	Rated	A	7.2 / 7.7	7.4 / 7.8	9.4 / 9.5
EER / COP			kWh/kWh	4.00 / 3.95	4.10 / 4.48	3.77 / 4.20
SEER / SCOP			kWh/kWh	7.6 / 4.4	8.5 / 4.8	7.8 / 4.8
Pdesign	Cooling @ 35°C		kW	5.0	6.8	8
	Heating @ -10°C		kW	4.1	5.5	5.5
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating		kWh	230 / 1,305	280 / 1,604	359 / 1,604
Dehumidification Rate			l/h	1.9	1.7	2.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UT18FH.NB0**	**UT24FH.NA0**	**UT30FH.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	33 / 26 / 22	43 / 35 / 28	43 / 35 / 28
Air Flow Rate		H / M / L	m^3/min	17.0 / 15.5 / 14.0	23.8 / 21.4 / 19.0	23.8 / 21.4 / 19.0
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	21.1	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	37 / 36 / 34	42 / 41 / 40	42 / 41 / 40
Sound Power Level	Cooling	Max.	dB(A)	52	56	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AFGW0	PT-AFGW0	PT-AFGW0
	Color		-	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.5	7.5	7.5
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charge		g/m	20	55	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

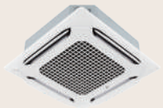
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- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UT36FH.NA0 / UT42FH.NA0 / UT48FH.NA0 / UT60FH.NA0



UUD1.U30



R32

EUROVENT CERTIFIED PERFORMANCE

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5	5.4 / 13.4 / 16.1	6.0 / 15.0 / 16.2
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8	7.0 / 17.5 / 19.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.15 / 3.23	0.60 / 3.14 / 4.24	0.80 / 3.83 / 5.17	0.90 / 4.69 / 5.25
	Heating	Min. / Rated / Max.	kW	0.50 / 2.40 / 3.36	0.70 / 3.29 / 4.28	0.80 / 4.18 / 5.24	1.10 / 5.38 / 6.19
Running Current	Cooling / Heating	Rated	A	9.6 / 10.4	13.8 / 14.4	16.9 / 18.3	20.5 / 23.6
EER / COP			kWh/kWh	4.42 / 4.50	3.85 / 4.10	3.50 / 3.71	3.20 / 3.25
SEER / SCOP			kWh/kWh	7.6 / 4.5	7.4 / 4.5	6.8 / 4.5	6.6 / 4.5
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	15
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	293.0 / 177.0	269.0 / 177.0	261.0 / 177.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	437 / 2,956	981 / 2,956	1,182 / 2,956	1,364 / 2,956
Dehumidification Rate			l/h	2.6	4.8	5.3	6.9
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36FH.NA0**	**UT42FH.NA0**	**UT48FH.NA0**	**UT60FH.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	70 / 59 / 50	70 / 59 / 50	81 / 60 / 50	81 / 60 / 50
Air Flow Rate		H / M / L	m^3/min	28 / 25 / 23	28 / 25 / 23	30 / 27 / 24	30 / 27 / 24
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	27.2	27.2	27.2	27.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	45 / 43 / 41	45 / 43 / 41
Sound Power Level	Cooling	Max.	dB(A)	59	59	61	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.5	7.5	7.5	7.5
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm^2	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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CEILING MOUNTED CASSETTE

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UT36FH.NA0 / UT42FH.NA0 / UT48FH.NA0 / UT60FH.NA0



UUD3.U30



3Phase

R32

EUROVENT CERTIFIED PERFORMANCE

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5	5.4 / 13.4 / 16.1	6.0 / 15.0 / 16.2
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8	7.0 / 17.5 / 19.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.15 / 3.23	0.60 / 3.14 / 4.24	0.80 / 3.83 / 5.17	0.90 / 4.69 / 5.25
	Heating	Min. / Rated / Max.	kW	0.50 / 2.40 / 3.36	0.70 / 3.29 / 4.28	0.80 / 4.18 / 5.24	1.10 / 5.38 / 6.19
Running Current	Cooling / Heating	Rated	A	3.6 / 3.8	4.9 / 5.1	6.0 / 6.5	7.3 / 8.2
EER / COP			kWh/kWh	4.42 / 4.50	3.85 / 4.10	3.50 / 3.71	3.20 / 3.25
SEER / SCOP			kWh/kWh	7.6 / 4.5	7.4 / 4.5	6.8 / 4.5	6.6 / 4.5
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	15
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	261.0 / 169.0	269.0 / 177.0	261.0 / 177.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	437 / 2,956	981 / 2,956	1,182 / 2,956	1,364 / 2,956
Dehumidification Rate			l/h	2.6	4.8	5.3	6.9
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36FH.NA0**	**UT42FH.NA0**	**UT48FH.NA0**	**UT60FH.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	70 / 59 / 50	70 / 59 / 50	81 / 60 / 50	81 / 60 / 50
Air Flow Rate		H / M / L	m^3/min	28 / 25 / 23	28 / 25 / 23	30 / 27 / 24	30 / 27 / 24
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	27.2	27.2	27.2	27.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	45 / 43 / 41	45 / 43 / 41
Sound Power Level	Cooling	Max.	dB(A)	59	59	61	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.5	7.5	7.5	7.5
OUTDOOR				**UUD3 U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^2	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

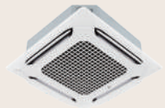
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※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygenic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.

CT24F.NB0 / UT30F.NB0



UUC1.U40



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling / Heating	Rated	A	8.6 / 8.7	10.9 / 11.6
EER / COP			kWh/kWh	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	8
	Heating @ -10°C		kW	5.6	5.6
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	322 / 1,823	394 / 1,823
Dehumidification Rate			l/h	2.8	2.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**CT24F.NB0**	**UT30F.NB0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26
Air Flow Rate		H / M / L	m³/min	18 / 15.5 / 14	19 / 17 / 15.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840
Weight	Body		kg	21.1	21.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35
Sound Power Level	Cooling	Max.	dB(A)	53	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0
	Color		-	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1
OUTDOOR				**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	25	
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 834 x 330	
Weight	Net		kg	57.7	
Compressor	Type		-	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	
	Chargeless		m	20	
	Additional Charge		g/m	55	
Fan	Air Flow Rate	Rated	m³/min x No.	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

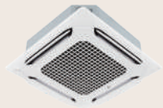
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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygenic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification) , provides customers with clean air as well as maintenance convenience.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UT36F.NA0 / UT42F.NA0 / UT48F.NA0 / UT60F.NA0



UUD1.U30



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	10.1 / 10.7	14.6 / 15.0	18.7 / 19.0	23.1 / 22.7
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	277.0 / 169.0	257.0 / 165.0	245.0 / 165.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36F.NA0**	**UT42F.NA0**	**UT48F.NA0**	**UT60F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm²	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
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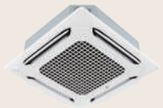
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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

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- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UT36F.NA0 / UT42F.NA0 / UT48F.NA0 / UT60F.NA0



UUD3.U30



3Phase

R32

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	3.8 / 3.9	5.2 / 5.4	6.6 / 6.7	8.1 / 7.9
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	277.0 / 169.0	257.0 / 165.0	245.0 / 165.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36F.NA0**	**UT42F.NA0**	**UT48F.NA0**	**UT60F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm²	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	50			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

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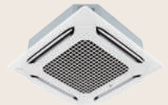
COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT24F, UT30F, UT36F

- Optional human detecting sensor (Presence sensor) provides an adapted airflow (Direct or indirect airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional air purification kit, ensuring a health and hygenic environment. (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- DUAL Vane, optimized control two separate vanes provides longer stream wind, faster cooling / heating and Indirect airflow, etc
- Optional elevation grill with air purification (Automatic lifting panel and air purification), provides customers with clean air as well as maintenance convenience.

CT24F.NB0 / UT30F.NB0 / UT36F.NA0



UUB1.U20 **UUC1.U40**



R32

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling / Heating	Rated	A	8.8 / 9.6	10.1 / 10.4	12.4 / 12.3
EER / COP			kWh/kWh	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	7.5	9.5
	Heating @ -10°C		kW	4.1	4.1	5.6
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	2.6	3.1	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-15 / 18	-15 / 18	-15 / 18
INDOOR				**CT24F.NB0**	**UT30F.NB0**	**UT36F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate		H / M / L	m³/min	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	21.1	21.1	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	53	57	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1
OUTDOOR				**UUB1.U20**		**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	20		25
Power Supply Cable (Included Earth)			No x mm²	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	44.5		57.7
Compressor	Type		-	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10		20
	Additional Charge		g/m	40		55
Fan	Air Flow Rate	Rated	m³/min x No.	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Cassette Panel


PT-AAGW0


PT-AFGW0


PT-QAGW0

Model Name

PT-AAGW0
PT-AFGW0
PT-QAGW0 (Mini 4 Way)

Key Features

Model	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Human Detection Sensor	Dust Sensor	Tact Switch
PT-AAGW0	O	Optional	Optional	X	Optional	X	X
PT-AFGW0	O	Optional	Optional	Optional	Optional	O	O
PT-QAGW0	X	Optional	X	X	X	X	X

Specification

Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)		
					W	H	D
PT-AAGW0	Grid	White (RAL 9003)	-	7.1	950	35	950
PT-AFGW0	Grid	White (RAL 9003)	-	7.5	950	35	950
PT-QAGW0	Grid	White (RAL 9003)	-	3.0	620	34	620

Air Purification Kit

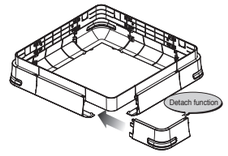
Model	Type	Image	Model Name	Dielectric Dust Collecting Filter	Photocatalytic Deodorizing Filter	HVPS	Ionizer
Air Purification Kit	4 Way		PTAHMP0	 O	O	O	O

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Cassette Cover

Cover in case of exposed cassette installation.





Model Name

PTDCA

Applied Products

4 Way Cassette (for chassis TP-B, TM-A)

Key Features

- Specially designed for indoor unit
- Covers the side area of cassette
- Gives elegant looks
- Light weight

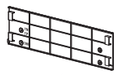
Specification

Model	Front Panel		Weight (kg)		Dimensions (mm)		
			NET	Gross	W	H	D
PTDCA	PT-AAGW0	TP-B	6.1	9.5	1,157	266	1,157
		TM-A	6.1	9.5	1,157	308	1,157

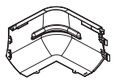
Included Parts

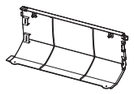
- Cover A, Cover B
- Cover C, Cover D
- Screws
- Installation Manual


Cover A (4 units)


Cover B (4 units)


Screw (32 units)


Cover C (4 units)


Cover D (4 units)


Installation Manual

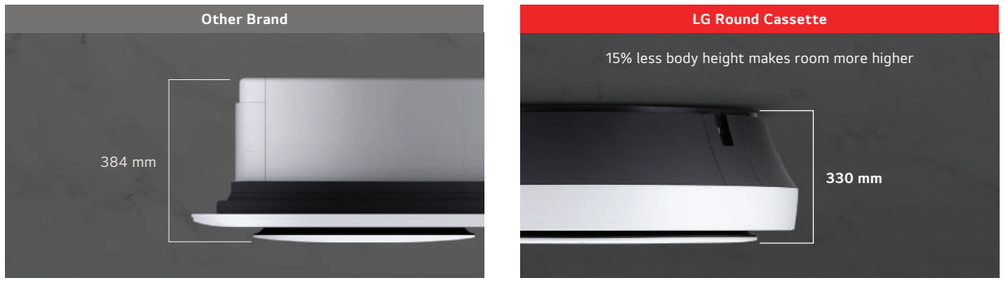
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※ Specifications may vary by each model or IDU / ODU combination.

ROUND CASSETTE



Slim and Compact Design

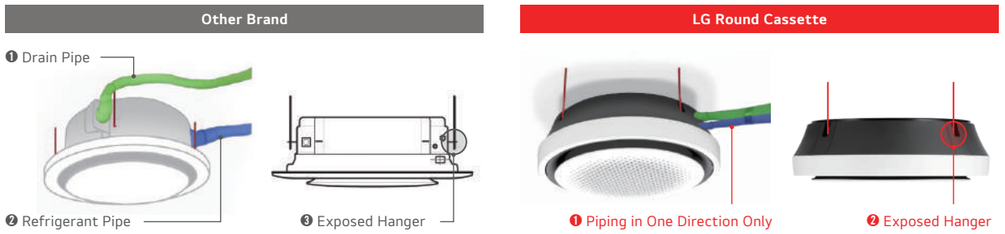
The LG Round Cassette's compact design makes the interior look more spacious and secure.



※ Product : 11 / 13.4 kW

Minimal Exposure Design

LG Round Cassette hides clunky parts into a smooth surface to provide harmony and aesthetic to the living area.

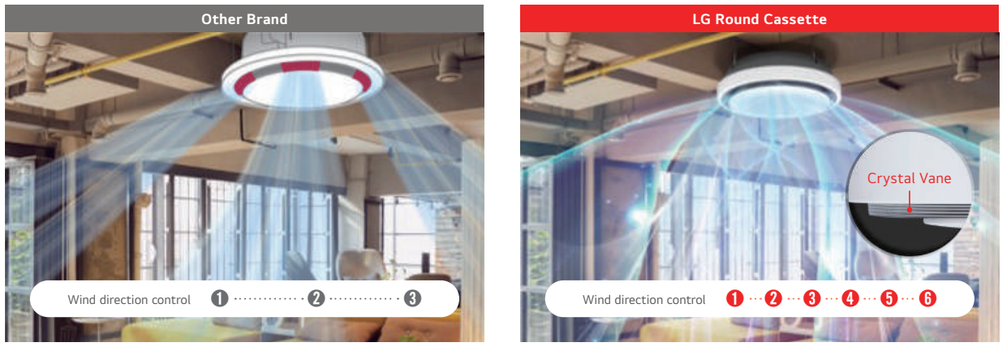


This air conditioning impresses with a sophisticated design and application concept that combines modern technology with a user-friendly operating comfort.

※ Red Dot Design Award : World's three major international design competitions, German Design Association (2019)
PIN UP Design Award : Korea Industrial Designers Association (Ministry of Trade, Industry and Energy) (2018)

6-Step Vane Control

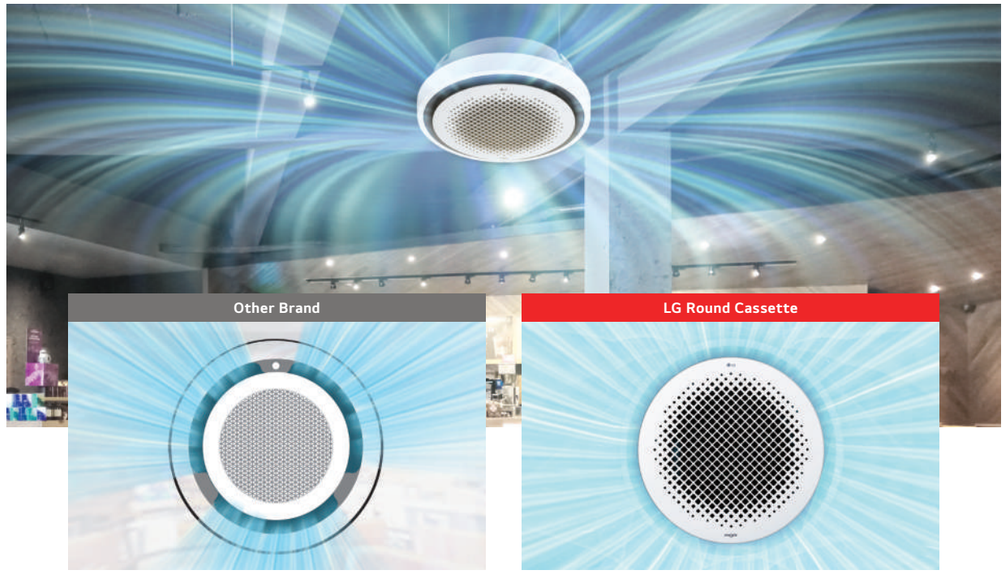
Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.



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※ Specifications may vary by each model or IDU / ODU combination.

Perfect Round Airflow

Perfect round airflow without blind spots with a possibility to control the four vanes individually.



3 Way airflow with with a blind spot.

Perfect circular airflow without blind spots.

Quiet Operation

LG Round cassette makes the space quieter.

Sound Pressure



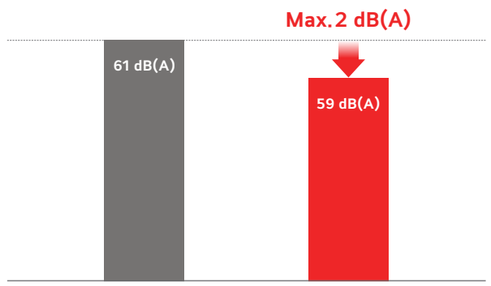
Normal communication
Noise level 50 dB(A)



Library
Noise level 40 dB(A)



Sound Power



Sound power levels (cooling)_dB(A)

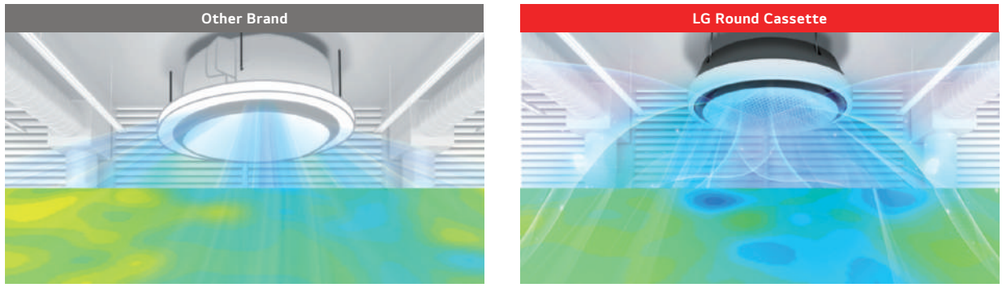
Other Brands	LG Round Cassette
61	Max. 59

※ The value is based on the Sound pressure Level(Cooling), 11.0kW model

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Faster in Cooling

Larger airflow rate with the cooling rate being 30% faster than the competition.



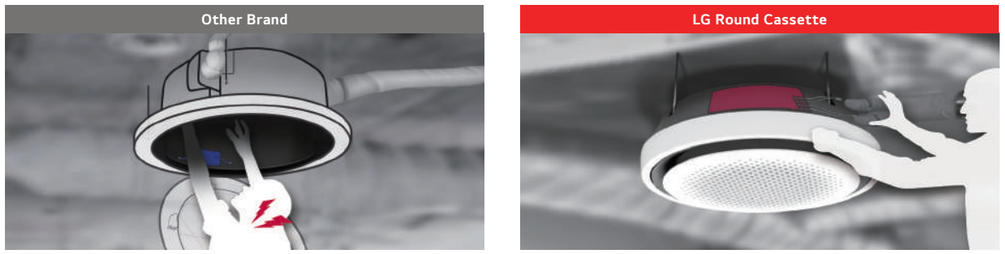
Set temperature reach time is 18 minutes (Height 1.1 m)

Set temperature reach time is 12 minutes (Height 1.1 m)

※ Based on test results from LG chamber, this image is designed to help customers understand.
Experimental environment : height 3.2 m, cooling mode, high flow rate, horizontal air flow direction, initial temperature :33°C, setting temperature 26°C

Outside Control Box

The control box is located on the side for comfortable wiring and installation.

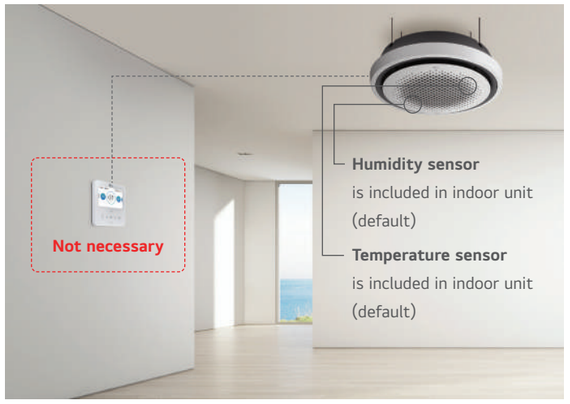


Inconvenient installation
Inside control box / hard to installation

Convenient installation
Outside control box / easy to installation

Embedded Humidity Sensor

Humidity sensor is included as standard, so comfort cooling function is possible without separate wired remote controller.



Simple Setting

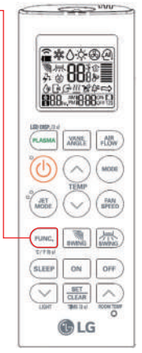
❶ Press the 'Function' button repeatedly until 'comfort cooling icon' displayed

FUNC.
Function Button

Comfort Cooling Icon

❷ Press the 'Set' button

SET CLEAR
Set Button



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STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Perfect circular airflow without blind spots.
- Compact and minimal exposure design makes the interior look more spacious, harmony and aesthetic.
- Optional air purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- 6-step vane control, crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UT36F.NY0 / UT48F.NY0



UUD1.U30



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	10.10 / 10.70	19.50 / 20.20
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @-10°C		kW	9.0	9.0
Seasonal Space Energy Efficiency			% / %	-	257.0 / 169.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,930	1,237 / 2,930
Dehumidification Rate			ℓ/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UT36F.NY0**	**UT48F.NY0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m^3/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
OUTDOOR				**UUD1.U30**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (included Earth)			No. x mm^2	3C x 6.0	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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ROUND CASSETTE

STANDARD INVERTER (R32)

Wide Application with Diverse Design Range

- Perfect circular airflow without blind spots.
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- Optional air purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with dust electrification, PM1.0 filter (Fine dust), deodorizing filter and ionizer)
- 6-step vane control, Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UT36F.NY0 / UT48F.NY0



UUD3.U30



3Phase

R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	5.20 / 5.30	7.00 / 7.30
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @-10°C		kW	9.0	9.0
Seasonal Space Energy Efficiency			% / %	-	257.0 / 169.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,931	1,237 / 2,931
Dehumidification Rate			ℓ/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UT36F.NY0**	**UT48F.NY0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m^3/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
OUTDOOR				**UUD3.U30**	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (included Earth)			No. x mm^2	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

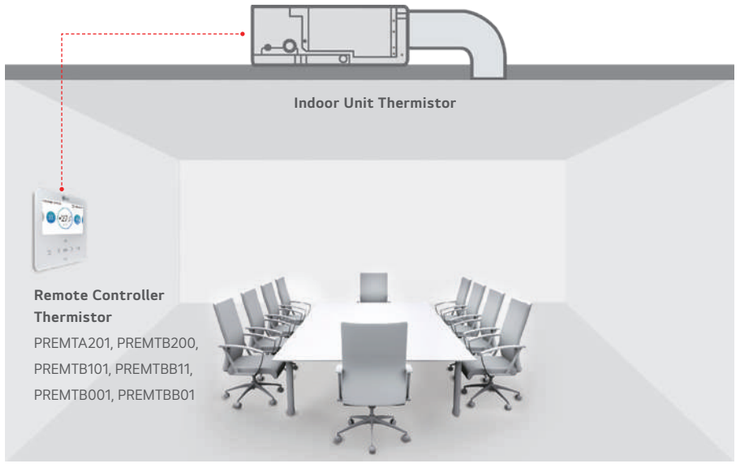
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CEILING CONCEALED DUCT



Two Thermistors Control

The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit. There may be a significant difference between ceiling and floor air temperature. Two thermistors can optimize indoor air temperature for a more comfortable environment.



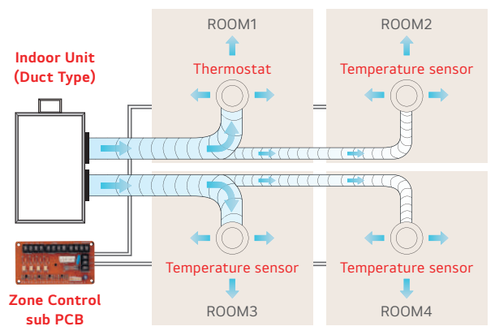
Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users.

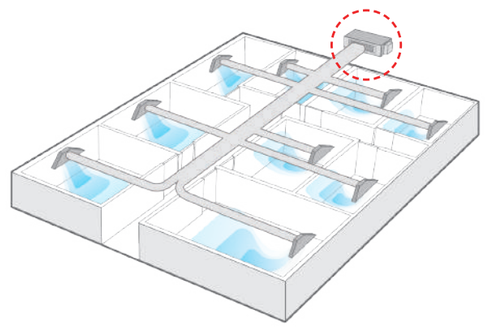
Operation for Multiple Rooms

Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously. Also, zone control is available with zone controller accessory. (ABZCA)

Zone Control Features

- Controls different zones (Up to 4 zones) by external thermostat (AC 24 V)
- Maintain proper air volume of each zone
- Auto variation of dampers
- Auto control of fan speed and On / Off operation





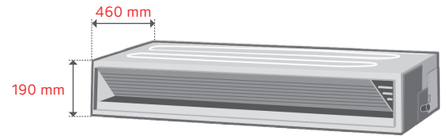
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LOW STATIC DUCT

Minimized Height and Depth

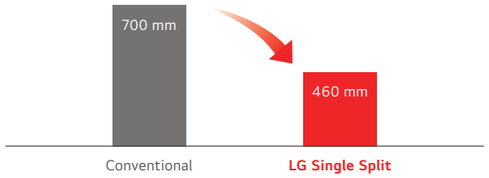
New Low Static ducts provide ideal solution for installation in limited space.

Low Static Duct



※ CL09F N50, CL12F N50, CL18F N60, UL12FH N50 only

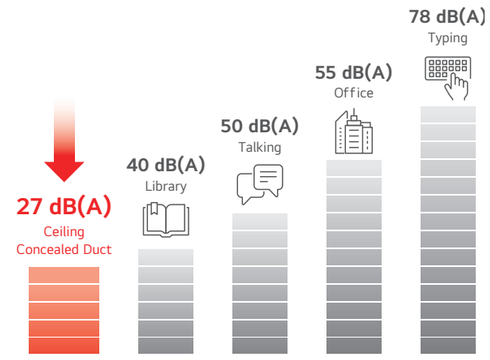
Depth



※ 2.5 / 3.4 / 5 kW

Quiet Operation

The noise level of low static ducts have been reduced, even though ESP has been increased.



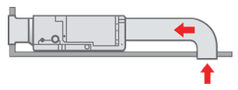
		CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30
Sound Pressure (High / Medium / Low)	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32

Flexible Installation

Standard Inverter low static duct allows the air intake at the rear or bottom under installation condition.

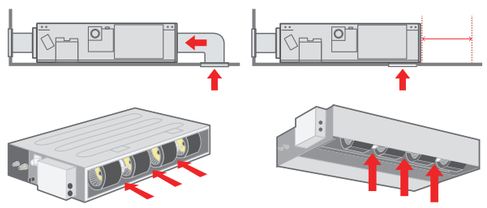
Conventional

Air intake at the only rear



Low Static Duct

Air intake at the rear or bottom



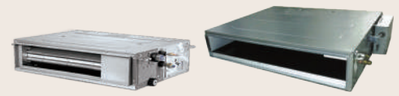
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H-INVERTER (R32)

High Performance with a Height of Only 190 mm

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Quite operation (Low speed base by sound pressure)
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.

UL12FH.N50 / UL18FH.N30



UUA1.UL0 **UUB1.U20**



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 3.4 / 4.7	2.0 / 5.0 / 6.0
	Heating	Min. / Rated / Max.	kW	1.8 / 4.0 / 4.9	2.3 / 5.8 / 7.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.33 / 1.05 / 1.84	0.30 / 1.39 / 1.88
	Heating	Min. / Rated / Max.	kW	0.33 / 1.08 / 1.63	0.30 / 1.56 / 2.12
Running Current	Cooling / Heating	Rated	A	4.7 / 4.8	7.6 / 8.1
EER / COP			kWh / kWh	3.23 / 3.71	3.60 / 3.71
SEER / SCOP			kWh / kWh	6.1 / 4.0	6.5 / 4.1
Pdesign	Cooling @ 35°C		kW	3.4	5
	Heating @ -10°C		kW	2.9	4.1
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	195 / 1,015	269 / 1,400
Dehumidification Rate			l/h	0.8	2.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**UL12FH.N50**	**UL18FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	21 / 15 / 13	140 / 125 / 100
Air Flow Rate		H / M / L	m^3/min	11.5 / 9.5 / 8	18.5 / 15 / 11
External Static Pressure		Min. / Max.	Pa	0 / 50	0 / 50
Dimensions	Body	W x H x D	mm	900 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	18	26.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	35 / 30 / 27	38 / 34 / 31
Sound Power Level	Cooling	Max	dB(A)	55	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min	A	15	20
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional Charging Volume		g/m	20	20
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30
Piping Elevation	IDU - ODU	Max	m	30	30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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STANDARD INVERTER (R32)

High Performance with a Height of Only 190 mm

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Quite operation (Low speed base by sound pressure)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.

CL09F.N50 / CL12F.N50 / CL18F.N60 / CL24F.N30



UUA1.UL0 UUB1.U20 UUC1.U40



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Check ongoing validity of certification : www.eurovent-certification.com

COMBINATION				9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.7	2.0 / 5.0 / 5.8	2.7 / 6.8 / 7.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 4.0	1.8 / 4.0 / 4.9	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.66 / 0.93	0.33 / 1.05 / 1.84	0.3 / 1.35 / 1.89	0.4 / 2.03 / 2.84
	Heating	Min. / Rated / Max.	kW	0.38 / 0.74 / 1.63	0.33 / 1.08 / 1.63	0.4 / 1.77 / 2.48	0.4 / 2.13 / 3.30
Running Current	Cooling / Heating	Rated	A	3.0 / 3.3	4.7 / 4.8	7.5 / 8.3	9.0 / 9.4
EER / COP			kWh / kWh	3.80 / 4.30	3.23 / 3.71	3.71 / 3.28	3.35 / 3.52
SEER / SCOP			kWh / kWh	6.1 / 4.0	5.6 / 3.8	6.1 / 3.9	6.2 / 3.9
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5	6.8
	Heating @ -10°C		kW	2.9	2.9	4.1	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+ / A	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	143 / 1,015	213 / 1,068	287 / 1,472	384 / 1,938
Dehumidification Rate			l/h	0.2	0.8	1.6	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CL09F.N50**	**CL12F.N50**	**CL18F.N60**	**CL24F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m^3/min	11.5 / 9.5 / 8	11.5 / 9.5 / 8	15 / 12 / 10	20 / 16 / 12
External Static Pressure		Min. / Max.	Pa	0 / 50	0 / 50	0 / 50	0 / 50
Dimensions	Body	W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	18.0	18.0	20.9	26.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	55	55	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**		**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15		20	25
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5		3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288		870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	33.3		44.5	57.7
Compressor	Type		-	Twin Rotary		Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675		1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10		10	20
	Additional Charging Volume		g/m	20		20	55
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1		50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 30		5 / 30	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30		30	30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

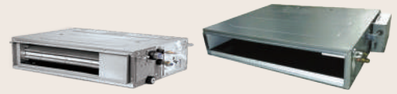
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COMPACT INVERTER (R32)

High Performance with a Height of Only 190 mm

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- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Quite operation (Low speed base by sound pressure)
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.

CL18F.N60 / CL24F.N30



UUA1.UL0 UUB1.U20



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COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.62 / 1.99	0.40 / 2.12 / 2.54
	Heating	Min. / Rated / Max.	kW	0.30 / 1.53 / 1.99	0.50 / 2.41 / 3.13
Running Current	Cooling / Heating	Rated	A	7.2 / 6.8	9.3 / 10.5
EER / COP			kWh / kWh	2.90 / 3.40	3.21 / 3.11
SEER / SCOP			kWh / kWh	5.1 / 3.8	6.0 / 4.1
Pdesign	Cooling @ 35°C		kW	4.7	6.8
	Heating @ -10°C		kW	2.7	4.2
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating		-	A / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	323 / 995	397 / 1,434
Dehumidification Rate			l/h	1.5	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18
INDOOR				**CL18F.N60**	**CL24F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m^3/min	15 / 12 / 10	20 / 16 / 12
External Static Pressure		Min. / Max.	Pa	0 / 50	0 / 50
Dimensions	Body	W x H x D	mm	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	20.9	26
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional Charging Volume		g/m	20	40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35
Piping Elevation	IDU - ODU	Max	m	30	30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

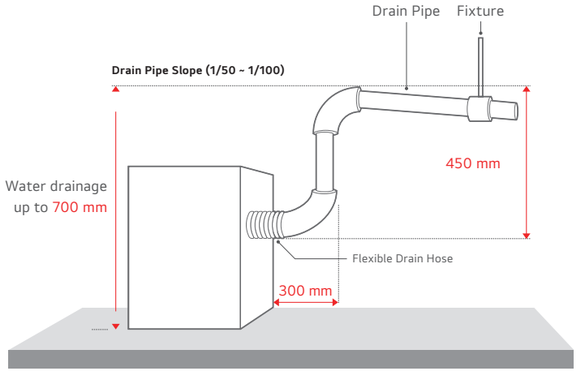
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   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

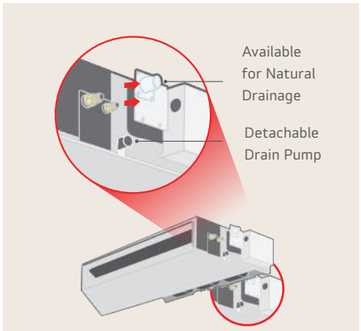
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MID STATIC DUCT

High Head Drain Pump

High head drain pump automatically drains water up to a height of 700 mm of drain-head height. It provides the perfect solution for draining of water.



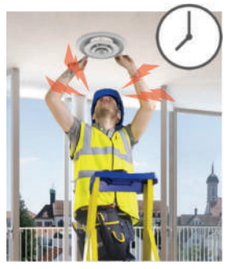


※ Standard Inverter : Accessory (ABDPG) / Low-Static Duct : Included
※ Required by option for Standard / Compact Inverter high static pressure models.

Auto ESP Setting

External static pressure can be set automatically with a wired remote controller.
Installer can reduce Installation time and secure Installation quality, and End Use can reduce the operation cost.

Conventional E.S.P Setting



Long Installation Time

Product Installation → Manual ESP Setting → Test Operation → Measure Airflow Rate → (Not proper) / (Proper Airflow Rate) → Finish

Auto E.S.P. Setting



Short Installation Time

Product Installation → Manual ESP Setting → Test Operation → Finish



※ Not Available on New MA DUCT SERIES (CM18F.NA0 / CM24F.NA0 / UM30F.NA0)

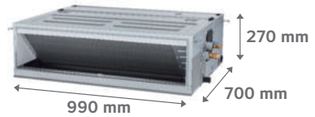
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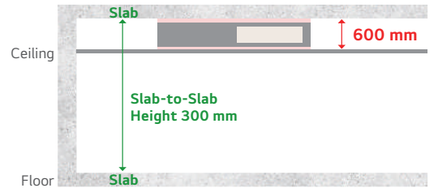
CM18F.NA0 / CM24F.NA0 / UM30F.NA0

Compact Size

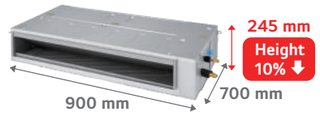
The height of the new indoor unit is lower than that of the conventional indoor unit so that it can be installed even on a relatively narrow ceiling shaft.

(2024) Indoor Unit





(2025) New Indoor Unit





Flexible Installation

Due to the low height of the indoor unit and its installation flexibility, there are no significant restrictions on installation space.

Horizontal Installation



Vertical Installation

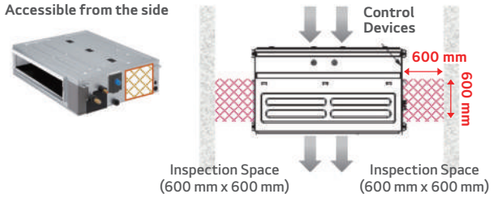


Improved Accessibility to Control Devices

The structure which allows service from below the indoor unit can make it easier to access control devices and can reduce inspection space and repair time.

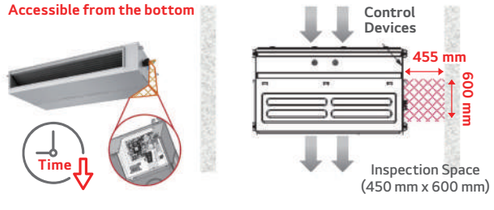
Conventional Indoor Unit (M1 Tool)

Accessible from the side



New Indoor Unit (MA Tool)

Accessible from the bottom



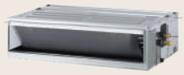
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H-INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Quite operation (Low speed base by sound pressure)
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.

UM12FH.N10 / UM18FH.N10 / UM24FH.N20 / UM30FH.N20



UUA1.UL0 UUB1.U20 UUC1.U40



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: www.eurovent-certification.com

COMBINATION				12	18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	1.6 / 3.5 / 5.1	2.0 / 5.0 / 6.0	2.7 / 6.8 / 8.3	3.1 / 7.8 / 9.3
	Heating	Min. / Rated / Max.	kW	1.6 / 4.0 / 5.8	2.3 / 5.8 / 7.0	3.0 / 7.5 / 9.4	3.6 / 9.0 / 10.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.03 / 1.93	0.30 / 1.26 / 1.70	0.40 / 1.84 / 2.56	0.50 / 2.25 / 2.99
	Heating	Min. / Rated / Max.	kW	0.32 / 0.98 / 1.85	0.30 / 1.49 / 2.01	0.40 / 1.75 / 2.52	0.50 / 2.27 / 3.11
Running Current	Cooling / Heating	Rated	A	4.6 / 4.3	7.3 / 7.8	8.2 / 7.8	10.0 / 10.1
EER / COP			kWh / kWh	3.40 / 4.10	3.96 / 3.89	3.70 / 4.28	3.51 / 3.97
SEER / SCOP			kWh / kWh	6.1 / 3.9	6.6 / 4.2	6.8 / 4.3	6.6 / 4.3
Pdesign	Cooling @ 35°C		kW	3.5	5	6.8	7.8
	Heating @ -10°C		kW	2.8	4.4	5.4	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	201 / 1,005	265 / 1,467	350 / 1,758	419 / 1,758
Dehumidification Rate			l/h	0.4	1.3	1.2	2.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 ~ 50	-15 ~ 50	-20 ~ 50	-20 ~ 50
	Heating	Min. / Max.	°C	-20 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18
INDOOR				**UM12FH.N10**	**UM18FH.N10**	**UM24FH.N20**	**UM30FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	150 / 130 / 110	180 / 150 / 130	134 / 101 / 80	134 / 101 / 80
Air Flow Rate		H / M / L	m^3/min	16.5 / 14.5 / 13	17.5 / 16 / 14	28 / 24 / 21	28 / 24 / 21
External Static Pressure		Min. / Max.	Pa	20 / 150	20 / 150	25 / 150	25 / 150
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700
Weight	Body		kg	25.4	27.0	39.3	39.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	34 / 33 / 32	34 / 33 / 32
Sound Power Level	Cooling	Max.	dB(A)	56	60	59	59
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	25	
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	33.3	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	10	20	
	Additional Charging Volume		g/m	20	20	55	
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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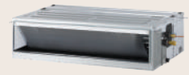
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H-INVERTER (R32)

High Performance with Auto ESP Control

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- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air onditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UM36FH.N30 / UM42FH.N30 / UM48FH.N30



UUD1.U30



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: www.eurovent-certification.com

COMBINATION				36	42	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.0 / 14.4	5.4 / 13.4 / 16.1
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2	6.2 / 15.5 / 17.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.39	0.70 / 3.38 / 4.56	0.80 / 4.12 / 5.56
	Heating	Min. / Rated / Max.	kW	0.50 / 2.57 / 3.60	0.70 / 3.51 / 4.56	0.80 / 4.18 / 5.24
Running Current	Cooling / Heating	Rated	A	10.0 / 11.3	14.9 / 15.3	18.1 / 18.4
EER / COP			kWh / kWh	4.20 / 4.20	3.55 / 3.85	3.25 / 3.71
SEER / SCOP			kWh / kWh	6.4 / 4.2	6.2 / 4.1	6.1 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12	13.4
	Heating @ -10°C		kW	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	-	241.0 / 161.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	-
Annual Energy Consumption	Cooling / Heating		kWh	520 / 3,167	677 / 3,244	1,318 / 3,244
Dehumidification Rate			l/h	2.0	4.2	4.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 ~ 52	-20 ~ 52	-20 ~ 52
	Heating	Min. / Max.	°C	-25 ~ 18	-25 ~ 18	-25 ~ 18
INDOOR				**UM36FH.N30**	**UM42FH.N30**	**UM48FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	242 / 159 / 124	242 / 159 / 124	242 / 159 / 124
Air Flow Rate		H / M / L	m^3/min	40 / 34 / 28	40 / 34 / 28	40 / 34 / 28
External Static Pressure		Min. / Max.	Pa	40 / 150	40 / 150	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	44.3	44.3	44.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	39 / 38 / 36	39 / 38 / 36	39 / 38 / 36
Sound Power Level	Cooling	Max.	dB(A)	65	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**		
Power Supply			Ø / V / Hz	1 / 220-240 / 50		
Circuit Breaker		Min.	A	40		
Power Supply Cable (Included Earth)			No x mm^2	3C x 6.0		
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330		
Weight	Net		kg	85.0		
Compressor	Type		-	Inverter Scroll		
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025		
	Chargeless		m	20		
	Additional Charging Volume		g/m	50		
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2		
Total Piping Length		Min. / Max.	m	5 / 85		
Piping Elevation	IDU - ODU	Max.	m	30		

* : Sound Pressure is not a value declared on Eurovent Program.

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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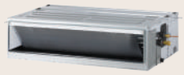
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- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air onditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UM36FH.N30 / UM42FH.N30



UUD3.U30



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: www.eurovent-certification.com

COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 ~ 9.5 ~ 12.8	4.8 ~ 12.0 ~ 14.4
	Heating	Min. / Rated / Max.	kW	4.3 ~ 10.8 ~ 13.7	5.4 ~ 13.5 ~ 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 ~ 2.26 ~ 3.39	0.70 ~ 3.38 ~ 4.56
	Heating	Min. / Rated / Max.	kW	0.50 ~ 2.57~ 3.60	0.70 ~ 3.51 ~ 4.56
Running Current	Cooling / Heating	Rated	A	3.8 / 4.1	5.3 / 5.5
EER / COP			kWh / kWh	4.20 / 4.20	3.55 / 3.85
SEER / SCOP			kWh / kWh	6.4 / 4.2	6.2 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12
	Heating @ -10°C		kW	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	520 / 3,167	677 / 3,244
Dehumidification Rate			l/h	2.0	4.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UM36FH.N30**	**UM42FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	242 / 159 / 124	242 / 159 / 124
Air Flow Rate		H / M / L	m³/min	40 / 34 / 28	40 / 34 / 28
External Static Pressure		Min. / Max.	Pa	40 / 150	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	44.3	44.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	39 / 38 / 36	39 / 38 / 36
Sound Power Level	Cooling	Max.	dB(A)	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (Included Earth)			No x mm²	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU - ODU	Max.	m	30	

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   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

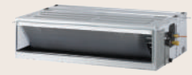
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- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air onditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UM48FH.N30



UUD3.U30



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: www.eurovent-certification.com

COMBINATION				48
Capacity	Cooling	Min. / Rated / Max.	kW	5.4 ~ 13.4 ~ 16.1
	Heating	Min. / Rated / Max.	kW	6.2 ~ 15.5 ~ 17.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.80 ~ 4.12 ~ 5.56
	Heating	Min. / Rated / Max.	kW	0.80 ~ 4.18 ~ 5.24
Running Current	Cooling / Heating	Rated	A	6.5 / 6.5
EER / COP			kWh / kWh	3.25 / 3.71
SEER / SCOP			kWh / kWh	6.1 / 4.1
Pdesign	Cooling @ 35°C		kW	13.4
	Heating @ -10°C		kW	9.5
Seasonal Space Energy Efficiency			% / %	241.0 / 161.0
Seasonal Energy Label	Cooling / Heating		-	-
Annual Energy Consumption	Cooling / Heating		kWh	1,318 / 3,244
Dehumidification Rate			l/h	4.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	52 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	69
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18
INDOOR				**UM48FH.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	242 / 159 / 124
Air Flow Rate		H / M / L	m³/min	40 / 34 / 28
External Static Pressure		Min. / Max.	Pa	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 360 x 700
Weight	Body		kg	44.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	39 / 38 / 36
Sound Power Level	Cooling	Max.	dB(A)	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**
Power Supply			Ø / V / Hz	3 / 380-415 / 50
Circuit Breaker		Min.	A	20
Power Supply Cable (Included Earth)			No x mm²	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330
Weight	Net		kg	85.0
Compressor	Type		-	Inverter Scroll
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025
	Chargeless		m	20
	Additional Charging Volume		g/m	50
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2
Total Piping Length		Min. / Max.	m	5 / 85
Piping Elevation	IDU - ODU	Max.	m	30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

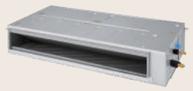
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STANDARD INVERTER (R32)

High Performance with Installation Flexibility

- Operation for multiple rooms, using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor.
  The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **To be obsolete from 26.12 ~**

CM18F.NA0 / CM24F.NA0 / UM30F.NA0



UUB1.U20 **UUC1.U40**



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 ~ 5.0 ~ 5.7	2.7 ~ 6.8 ~ 7.8	3.1 ~ 7.5 ~ 9.0
	Heating	Min. / Rated / Max.	kW	2.3 ~ 5.5 ~ 6.5	3.0 ~ 7.5 ~ 8.5	3.6 ~ 9.0 ~ 10.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.3 ~ 1.33 ~ 1.86	0.4 ~ 1.95 ~ 2.69	0.4 ~ 2.14 ~ 3.03
	Heating	Min. / Rated / Max.	kW	0.4 ~ 1.48 ~ 2.46	0.5 ~ 2.27 ~ 3.29	0.5 ~ 2.42 ~ 3.33
Running Current	Cooling / Heating	Rated	A	7.4 / 7.8	8.7 / 10.1	10.8 / 13.7
EER / COP			kWh / kWh	3.75 / 3.71	3.49 / 3.31	3.50 / 3.71
SEER / SCOP			kWh / kWh	6.2 / 4.1	6.3 / 3.8	5.8 / 3.9
Pdesign	Cooling @ 35°C		kW	5.0	6.8	7.5
	Heating @ -10°C		kW	4.1	5.4	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	282 / 1,400	378 / 1,989	453 / 1,938
Dehumidification Rate			l/h	1.25	2.6	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CM18F.NA0**	**CM24F.NA0**	**UM30F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	70 / 60 / 50	100 / 70 / 60	125 / 85 / 70
Air Flow Rate		H / M / L	m^3/min	14 / 12 / 10	18 / 15 / 12	20 / 15.5 / 13
External Static Pressure		Min. / Max.	Pa	20 / 150	20 / 150	20 / 150
Dimensions	Body	W x H x D	mm	900 x 245 x 700	900 x 245 x 700	900 x 245 x 700
Weight	Body		kg	27.9	27.9	29.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	31 / 29 / 28	36 / 32 / 29	38 / 33 / 30
Sound Power Level	Cooling	Max.	dB(A)	60	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	55	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

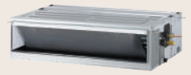
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STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor.
  The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UM36F.N21 / UM42F.N21 / UM48F.N31 / UM60F.N31



UUD1.U30



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	11.1 / 12.6	15.3 / 16.4	19.0 / 18.4	21.6 / 20.4
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.80 / 3.90	5.60 / 3.90	5.80 / 4.00	5.60 / 4.00
Pdesign	Cooling @ 35°C		kW	9.5	12.0	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	-	229.0 / 157.0	221.0 / 157.0
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UM36F.N21**	**UM42F.N21**	**UM48F.N31**	**UM60F.N31**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242
Air Flow Rate		H / M / L	m^3/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40
External Static Pressure		Min. / Max.	Pa	40 / 150	50 / 150	40 / 150	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm^2	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

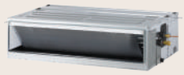
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STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UM36F.N21 / UM42F.N21 / UM48F.N31 / UM60F.N31



UUD3.U30



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	4.0 / 4.5	5.5 / 5.9	6.8 / 6.5	7.7 / 7.2
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.8 / 3.9	5.6 / 3.9	5.8 / 4.0	5.6 / 4.0
Pdesign	Cooling @ 35°C		kW	9.5	12	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	-	229.0 / 157.0	221.0 / 157.0
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UM36F.N21**	**UM42F.N21**	**UM48F.N31**	**UM60F.N31**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242
Air Flow Rate		H / M / L	m^3/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40
External Static Pressure		Min. / Max.	Pa	40 / 150	50 / 150	40 / 150	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^2	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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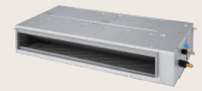
COMPACT INVERTER (R32)

High Performance with Installation Flexibility

- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water

- To be obsolete from 26.12 ~

CM18F.NA0 / CM24F.NA0 / UM30F.NA0



UUA1.UL0 **UUB1.U20**



EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 ~ 5.0 ~ 5.5	2.7 ~ 6.8 ~ 7.5	3.0 ~ 7.5 ~ 8.3
	Heating	Min. / Rated / Max.	kW	2.2 ~ 5.5 ~ 6.3	3.0 ~ 7.4 ~ 8.2	3.2 ~ 8.0 ~ 8.8
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.35 ~ 1.67 ~ 1.92	0.5 ~ 2.34 ~ 2.81	0.5 ~ 2.57 ~ 3.08
	Heating	Min. / Rated / Max.	kW	0.32 ~ 1.58 ~ 1.95	0.4 ~ 2.17 ~ 2.82	0.5 ~ 2.25 ~ 2.93
Running Current	Cooling / Heating	Rated	A	7.4 / 7.0	10.3 / 9.7	11.0 / 9.7
EER / COP			kWh / kWh	3.0 / 3.5	2.91 / 3.41	2.92 / 3.56
SEER / SCOP			kWh / kWh	5.7 / 3.8	5.7 / 4.1	5.6 / 3.9
Pdesign	Cooling @ 35°C		kW	5.0	6.8	7.5
	Heating @ -10°C		kW	2.8	4.1	4.3
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	307 / 1,032	418 / 1,400	469 / 1,544
Dehumidification Rate			l/h	1.23	2.48	2.61
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18
INDOOR				**CM18F.NA0**	**CM24F.NA0**	**UM30F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	70 / 60 / 50	100 / 70 / 60	125 / 85 / 70
Air Flow Rate		H / M / L	m^3/min	14 / 12 / 10	18 / 15 / 12	20 / 15.5 / 13
External Static Pressure		Min. / Max.	Pa	20 / 150	20 / 150	25 / 150
Dimensions	Body	W x H x D	mm	900 x 245 x 700	900 x 245 x 700	900 x 245 x 700
Weight	Body		kg	27.9	27.9	29.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	31 / 29 / 28	36 / 32 / 29	38 / 33 / 30
Sound Power Level	Cooling	Max.	dB(A)	60	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	20	
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight	Net		kg	33.3	44.5	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1 / 0.675	1.2 / 0.81	
	Chargeless		m	10	10	
	Additional Charging Volume		g/m	20	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35	
Piping Elevation	IDU - ODU	Max.	m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.

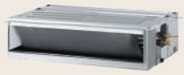
※ Specifications may vary by each model or IDU / ODU combination.

COMPACT INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static Pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for multiple rooms, using a spiral duct (Embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Optional UVnano filter box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible installation (Low static pressure model), inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700 mm lift increases flexibility and the perfect solution for draining of water

UM36F.N21



UUC1.U40



R32

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Check ongoing validity of certification : www.eurovent-certification.com

COMBINATION				36
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.60 / 3.16 / 3.86
	Heating	Min. / Rated / Max.	kW	0.60 / 3.03 / 3.48
Running Current	Cooling / Heating	Rated	A	14.0 / 13.4
EER / COP			kWh / kWh	3.01 / 3.57
SEER / SCOP			kWh / kWh	5.9 / 4.0
Pdesign	Cooling @ 35°C		kW	9.5
	Heating @ -10°C		kW	5.5
Seasonal Space Energy Efficiency			% / %	-
Seasonal Energy Label	Cooling / Heating		-	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	564 / 1,924
Dehumidification Rate			l/h	3.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 50
	Heating	Min. / Max.	°C	-15 / 18
INDOOR				**UM36F.N21**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101
Air Flow Rate		H / M / L	m^3/min	32 / 28 / 24
External Static Pressure		Min. / Max.	Pa	40 / 150
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700
Weight	Body		kg	38.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33
Sound Power Level	Cooling	Max.	dB(A)	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø25.4 / 19.4
OUTDOOR				**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Circuit Breaker		Min.	A	25
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330
Weight	Net		kg	57.7
Compressor	Type		-	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283
	Chargeless		m	20
	Additional Charging Volume		g/m	55
Fan	Air Flow Rate	Rated	m^3/min x No.	58 x 1
Total Piping Length		Min. / Max.	m	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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NEW HIGH STATIC DUCT

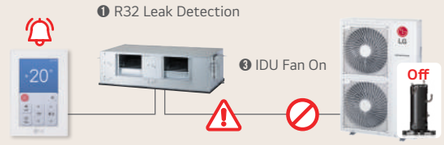
Safety LG R32 System

Complies with IEC 60335-2-40 7ed, ensuring enhanced safety and peace of mind in indoor environments.



R32

Refrigerant Leak Detection System



❶ When a refrigerant leak is detected,
❷ an signal is sent to the outdoor unit and
❸ the indoor fan runs at full speed for mitigation.
❹ Compressor of outdoor unit off to prevent refrigerant leakage within 30 seconds.

High Efficiency

The new Single Split has high SEER and SCOP values by applying the 5th generation inverter scroll compressor.

SEER is up to 5.6% higher than that of competitor
SCOP is up to 8.8% higher than that of competitor



5th Gen. Compressor

Wider Frequency Range

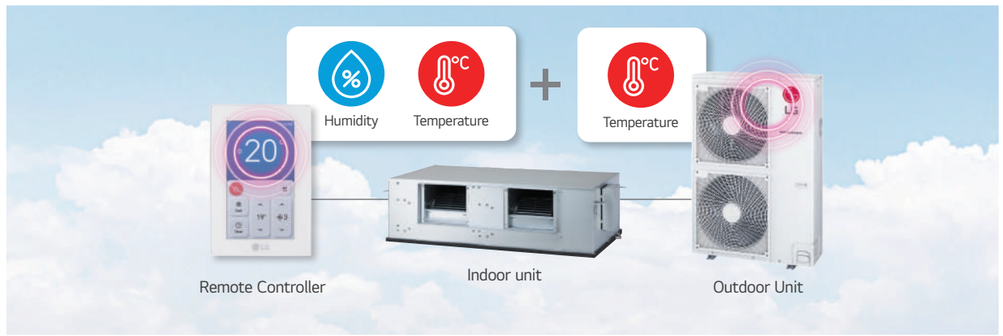
compressor : 12 to 150 Hz

Higher Performance

The partial load efficiency is about 5% higher than that of previous

Dual Sensing Smart Load Control

Single Split Big Duct can operate by sensing temperature and humidity to save energy and provide comfort.



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STANDARD INVERTER (R32)

R32 Large capacity Concealed Duct

- High Efficiency : The new Single Split has high SEER and SCOP values by applying the 5th generation inverter scroll compressor.
- Reliable Inverter Compressor : The new Single Split is equipped with the 5th generation compressor which has the outer bearing structure for high reliability. And the outer bearing is composed of steel and PEEK.
- Powerful Heating Performance : Leading heating capacity in freezing temperatures - Ultimate cold-weather solution. The new Single CAC delivers outstanding heating performance, maintaining 100% efficiency even in frigid temperatures as low as -10°C
- Wide Operation Range : Cooling (-20℃DB ~ 48℃DB), Heating (-18℃WB ~ 18℃WB)

UB200.N80 / UB250.N80



UU200W.U60A0 / UU250W.U80A0



R32

EUROVENT CERTIFIED PERFORMANCE

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: www.eurovent-certification.com

INDOOR				UB200.N80	UB250.N80
Capacity	Cooling	Min. / Nom. / Max.	kW	8.0 / 20.0 / 22.0	9.2 / 23.0 / 25.3
	Heating	Min. / Nom. / Max.	kW	10.0 / 23.0 / 25.3	10.8 / 25.0 / 27.5
Low Temperature Capacity	Heating -15°C	Max.	kW	18.4	20
Power Input (Set)	Cooling	Min. / Nom. / Max.	kW	2.19 ~ 6.06 ~ 7.59	2.85 ~ 7.93 ~ 9.12
	Heating	Min. / Nom. / Max.	kW	2.05 ~ 5.70 ~ 7.05	2.37 ~ 6.59 ~ 7.80
Power Input (Indoor)		Min. / Max.	W	-	-
Running Current	Cooling / Heating	Nom.	A	5.4	5.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER			kWh	3.30	2.90
COP			kWh	4.00	3.79
SEER			kWh	5.2	5.0
SCOP			kWh	3.53	3.51
Pdesign (@ -10°C)			kW	17.6	17.6
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	2,335 / 6,434	2,705 / 6,434
Piping Connection	Liquid		mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Gas		mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)
Air Flow Rate		High / Medium / Low	m^3/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
External Static Pressure		Min. / Max.	Pa	60 / 250	60 / 250
Sound Pressure*	Cooling	High / Medium / Low	dB(A)	45 / 43 / 42	45 / 43 / 42
Sound Power	Cooling	Max.	dB(A)	77	77
Dehumidification Rate			l/h	5.14	5.14
Dimensions	Body	W x H x D	mm	1,562 × 460 × 688	1,562 × 460 × 688
Net Weight	Body		kg	87	87
OUTDOOR				**UU200W.U60A0**	**UU250W.U80A0**
Compressor	Type			Hermetic Motor Compressor	Hermetic Motor Compressor
Airflow Rate		Nom.	m^3/min	55 x 2	55 x 2
Sound Pressure*	Cooling	Nom.	dB(A)	62	62
	Heating	Nom.	dB(A)	64	64
Sound Power	Cooling	Max.	dB(A)	75	75
Dimensions	W x H x D		mm	1,090 x 1,625 x 380	1,090 x 1,625 x 380
Net Weight			kg	131	131
Refrigerant	Type		-	R32	R32
	Charge		g	4,950	4,950
	t-CO_2eq		g/m	3.341	3.341
	GWP		-	675	675
	Chargeless Pipelength		-	30	30
	Additional Charging Volume		-	70	70
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-15 / 8	-15 / 48
	Heating	Min. / Max.	°C WB	-20 / 18	-20 / 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm^2	5C x 2.5	5C x 2.5
Circuit Breaker			A	50	50
Piping Length Total		Min. / Max.	m	5.0 / 75.0	5.0 / 75.0
Piping Elevation Difference	IDU-ODU	Max.	m	30	30
Piping Connection	Liquid / Gas		mm (inch)	Ø12.7 (1/2) / Ø22.22 (7/8)	Ø12.7 (1/2) / Ø22.22 (7/8)

* : Sound Pressure is not a value declared on Eurovent Program.
※ These models are connectable only with Single CAC outdoor units.
※ Sound pressure, sound power is measured at the 6mmAq.
Note
1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national code. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound Level Values are measured at Anechoic chamber. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Specifications for calculating the real capacity.
   • Cooling : Indoot Ambient Temp. 27°C DB / 19°C WB, Outdoor Ambient Temp. 35°C DB / 24°C WB
   • Heating : Indoot Ambient Temp. 20°C DB / 15°C WB, Outdoor Ambient Temp. 7°C DB / 6°C WB
   • Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is Zero.

CEILING SUSPENDED



Differentiated Design

Acknolewdged by iF Design Award, the modem's V-shape elegant design with a black vane is appropriate for any commercial space.



Powerful Cooling & Heating

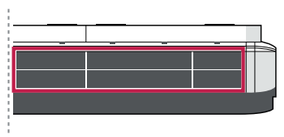
High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.



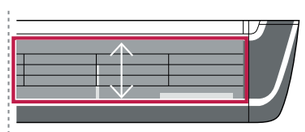
Airflow path and improved heat exchanger's performance.

Outlet Space

Conventional

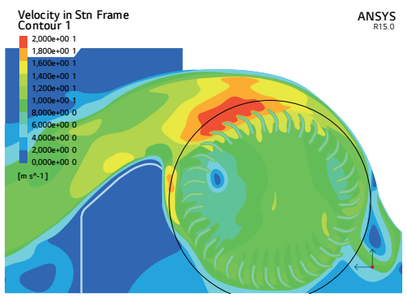


Current



115% ENLARGED

Optimized the Airflow Path

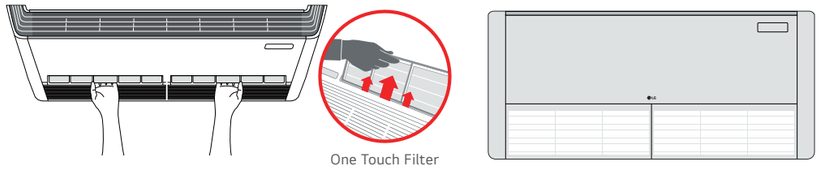


105% IMPROVED

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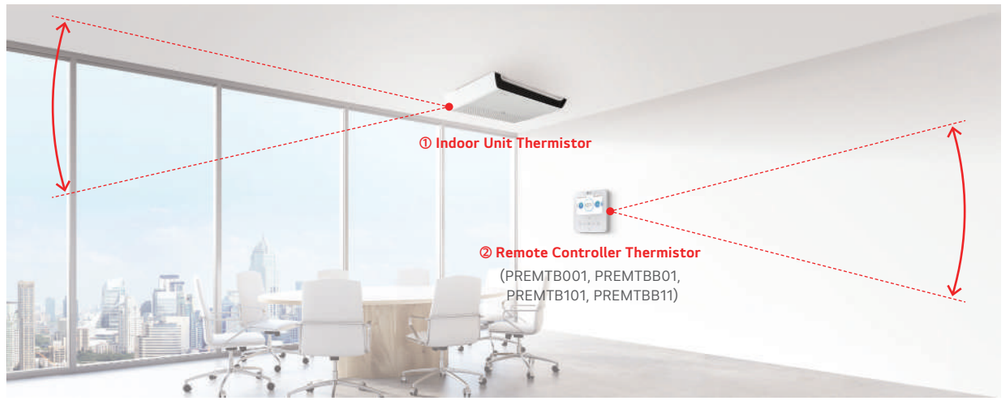
One Touch & 2 Piece Filter

Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



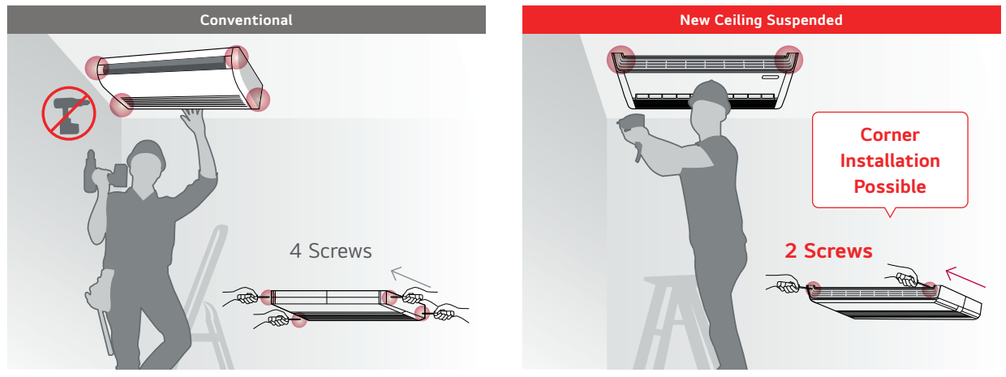
Two Thermistors Control

Users can purchase a wired remote controller that includes a second thermistor, allowing for temperature checks from multiple locations.



Installation

Installation speed and ease is improved by reducing the total number of screws used and placing the screws on the easily accessible front panel.



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※ Specifications may vary by each model or IDU / ODU combination.

H-INVERTER (R32)

High Performance by Powerful Cooling & Heating

- Seasonal energy level
  UV18FH : A++ / A+, UV24FH : A++ / A++, UV30FH : A++ / A++
- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.

UV18FH.N10 / UV24FH.N20 / UV30FH.N20



UUB1.U20 **UUC1.U40**



EUROVENT CERTIFIED PERFORMANCE

LG participates in the ECP programme for EUROVENT AC program.
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COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 6.0	2.7 / 6.8 / 8.3	3.2 / 8.0 / 9.5
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 7.0	3.0 / 7.5 / 9.4	3.6 / 8.9 / 10.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.28 / 1.73	0.40 / 1.80 / 2.50	0.50 / 2.35 / 3.13
	Heating	Min. / Rated / Max.	kW	0.30 / 1.56 / 2.13	0.40 / 1.82 / 2.62	0.50 / 2.39 / 3.27
Running Current	Cooling / Heating	Rated	A	7.3 / 8	8 / 8.1	10.4 / 10.6
EER / COP			kWh / kWh	3.90 / 3.71	3.77 / 4.11	3.41 / 3.72
SEER / SCOP			kWh / kWh	7.6 / 4.4	7.9 / 4.6	7.2 / 4.6
Pdesign	Cooling @ 35°C		kW	5	6.8	8
	Heating @ -10°C		kW	4.3	5.4	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating		kWh	230 / 1,368	301 / 1,644	389 / 1,644
Dehumidification Rate			l/h	1.9	2.0	2.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UV18FH.N10**	**UV24FH.N20**	**UV30FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	35 / 32 / 27	35 / 32 / 27
Air Flow Rate		H / M / L	m^3/min	12.5 / 11 / 10	23 / 21 / 19	23 / 21 / 19
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	28.7	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	41 / 39 / 38	43 / 42 / 40	43 / 42 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	60	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	55	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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H-INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UV36FH.N20 / UV42FH.N20



UUD1.U30



R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.5 / 2.50 / 3.75	0.7 / 3.64 / 4.91
	Heating	Min. / Rated / Max.	kW	0.5 / 2.54 / 3.56	0.8 / 3.75 / 4.88
Running Current	Cooling / Heating	Rated	A	11.1 / 11.4	16 / 16.5
EER / COP			kWh / kWh	3.80 / 4.25	3.32 / 3.60
SEER / SCOP			kWh / kWh	6.70 / 4.30	6.60 / 4.30
Pdesign	Cooling @ 35°C		kW	9.5	12.1
	Heating @ -10°C		kW	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	261.0 / 169.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	496 / 3,093	1,100 / 3,093
Dehumidification Rate			l/h	3.6	5.52
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UV36FH.N20**	**UV42FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (Included Earth)			No x mm^2	3C x 6.0	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85	
Compressor	Type		-	Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU - ODU	Max.	m	30	

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Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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CEILING SUSPENDED

H-INVERTER (R32)

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- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UV36FH.N20 / UV42FH.N20



UUD3.U30



3Phase

R32

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	42
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.8	4.8 / 12.1 / 14.5
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.7	5.4 / 13.5 / 16.2
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.75	0.70 / 3.64 / 4.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.54 / 3.56	0.80 / 3.75 / 4.88
Running Current	Cooling / Heating	Rated	A	4.0 / 4.1	5.7 / 5.9
EER / COP			kWh / kWh	3.80 / 4.25	3.32 / 3.60
SEER / SCOP			kWh / kWh	6.7 / 4.3	6.6 / 4.3
Pdesign	Cooling @ 35°C		kW	9.5	12.1
	Heating @ -10°C		kW	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	261.0 / 169.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -
Annual Energy Consumption	Cooling / Heating		kWh	496 / 3,093	1,100 / 3,093
Dehumidification Rate			l/h	3.6	5.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8)/ Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UV36FH.N20**	**UV42FH.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	37.4	37.4
Sound Pressure Level*	Cooling	H / M / L	dB (A)	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (Included Earth)			No x mm^2	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85	
Compressor	Type		-	Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	50	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU - ODU	Max.	m	30	

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Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)

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STANDARD INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
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- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.

UV18F.N10 / UV24F.N10 / UV30F.N10



UUB1.U20 **UUC1.U40**



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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	2.7 / 6.7 / 8.0	3.1 / 7.7 / 8.8
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.4 / 8.6 / 9.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.33 / 1.86	0.40 / 1.99 / 2.69	0.50 / 2.25 / 3.08
	Heating	Min. / Rated / Max.	kW	0.40 / 1.76 / 2.46	0.40 / 2.2 / 3.08	0.50 / 2.5 / 3.20
Running Current	Cooling / Heating	Rated	A	7.5 / 8.3	8.8 / 9.8	10.0 / 11.1
EER / COP			kWh / kWh	3.75 / 3.29	3.37 / 3.41	3.42 / 3.44
SEER / SCOP			kWh / kWh	6.6 / 4.3	7.2 / 4.2	6.8 / 4.4
Pdesign	Cooling @ 35°C		kW	5	6.7	7.7
	Heating @ -10°C		kW	4.2	4.9	5.4
Seasonal Space Energy Efficiency			% / %	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 1,368	326 / 1,633	396 / 1,718
Dehumidification Rate			l/h	1.8	2.7	3.0
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UV18F.N10**	**UV24F.N10**	**UV30F.N10**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690
Weight	Body		kg	27.3	28	28
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43
Sound Power Level	Cooling	Max	dB (A)	55	61	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min	A	20	25	
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	55	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max	m	30	30	

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)

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STANDARD INVERTER (R32)

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- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UV36F.N20 / UV42F.N20 / UV48F.N20 / UV60F.N20



UUD1.U30



LG participates in the ECP programme for EUROVENT AC program.
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: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97
	Heating	Min. / Rated / Max.	kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44
Running Current	Cooling / Heating	Rated	A	11.7 / 11.4	17.0 / 16.5	19.7 / 20.6	23.6 / 24.6
EER / COP			kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00
SEER / SCOP			kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.4
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	249.0 / 161.0	233.0 / 161.0	225.0 / 161.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UV36F.N20**	**UV42F.N20**	**UV48F.N20**	**UV60F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	36.7	36.7	36.7	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max	dB (A)	62	62	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min	A	40			
Power Supply Cable (Included Earth)			No x mm^2	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max	m	30			

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)

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STANDARD INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min / Max)**

UV36F.N20 / UV42F.N20 / UV48F.N20 / UV60F.N20



UUD3.U30



3Phase

R32

EUROVENT CERTIFIED PERFORMANCE

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97
	Heating	Min. / Rated / Max.	kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44
Running Current	Cooling / Heating	Rated	A	4.2 / 4.1	6.1 / 5.9	7.0 / 7.3	8.2 / 8.5
EER / COP			kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00
SEER / SCOP			kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.4
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Space Energy Efficiency			% / %	-	249.0 / 161.0	233.0 / 161.0	225.0 / 161.0
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UV36F.N20**	**UV42F.N20**	**UV48F.N20**	**UV60F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	36.7	36.7	36.7	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^2	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	50			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

COMPACT INVERTER (R32)

High Performance by Powerful Cooling & Heating

- High ceiling mode provides powerful cooling and heating up to 4.2 m in height from floor, 15 m away from ceiling.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- One touch & 2 piece filter, easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.

UV18F.N10 / UV24F.N10 / UV30F.N10 / UV36F.N20



UUA1.UL0 UUB1.U20 UUC1.U40



R32

EUROVENT CERTIFIED PERFORMANCE

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Check ongoing validity of certification
: www.eurovent-certification.com

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	2.2 / 5.3 / 5.8	2.9 / 7.3 / 8.4	3.2 / 8.0 / 8.8	4.1 / 10.3 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.61 / 1.93	0.40 / 2.06 / 2.47	0.50 / 2.42 / 2.90	0.70 / 3.28 / 3.87
	Heating	Min. / Rated / Max.	kW	0.30 / 1.44 / 1.86	0.40 / 2.23 / 2.90	0.50 / 2.48 / 3.22	0.60 / 2.78 / 3.45
Running Current	Cooling / Heating	Rated	A	7.2 / 6.4	9.0 / 9.7	10.6 / 10.8	14.6 / 12.3
EER / COP			kWh / kWh	3.10 / 3.70	3.30 / 3.28	3.10 / 3.23	2.90 / 3.70
SEER / SCOP			kWh / kWh	6.6 / 4.6	6.6 / 4.2	6.6 / 4.3	6.1 / 4.2
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.9	4.3	4.4	5.5
Seasonal Space Energy Efficiency			% / %	-	-	-	-
Seasonal Energy Label	Cooling / Heating		-	A++ / A++	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 883	361 / 1,433	398 / 1,433	545 / 1,833
Dehumidification Rate			l/h	1.7	2.4	2.8	3.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				**UV18F.N10**	**UV24F.N10**	**UV30F.N10**	**UV36F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33	50 / 35 / 28
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16	28 / 24 / 20
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	27.3	28	28	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43	46 / 43 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**		**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20		25
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	33.3	44.5		57.7
Compressor	Type		-	Twin Rotary	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10	10		20
	Additional Charging Volume		g/m	20	40		55
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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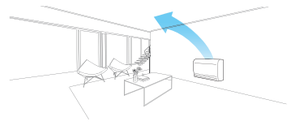
CONSOLE



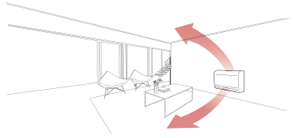
Optimized Air Flow for Cooling & Heating

During cooling operation, the vane adjusts upwards to direct the air flow toward the ceiling. During heating operation, the van directs the air flow toward the floor to balance out the room temperature. A wireless controller is included with the indoor console unit.

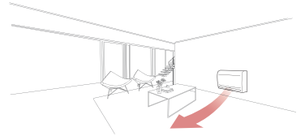
Cooling



Heating (Normal)



Heating (Floor Heating Mode)



Quick Floor Heating

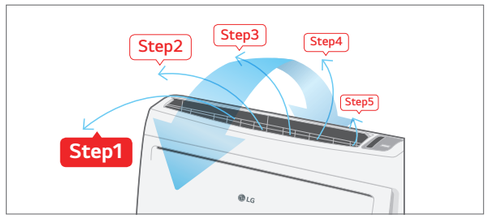
Console air conditioners portray high speed and powerful performance. Using the floor heating mode, console air conditioners provide floor heating at a faster pace in order to reach desired temperature more quickly.

		Company A	Electric Heater	LG	LG Floor Heating Mode
27°C / 15°C	Vertical				
	Horizontal				
Lead Time for Heating (13°C ~ 21°C)		12 minutes 30 seconds	50 minutes	9 minutes 30 seconds	8 minutes 40 seconds

※ Test Condition : Target Temp 23°C, Indoor Room : 13°C~ , Outdoor Room : 7°C

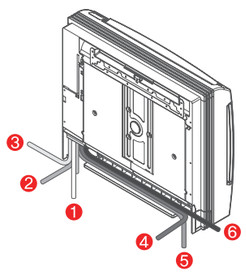
5-Step Vane Control

There are 5 different stages to control the air flow direction

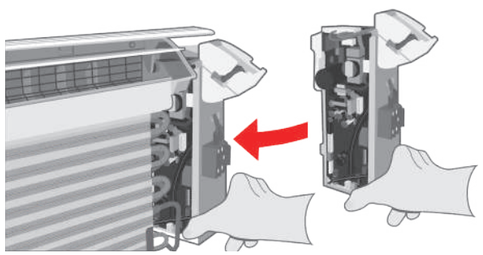


Easy Installation and Service

6 Different Ways to Install Piping



Easy Slide-type PCB



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※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R32)

Optimized Air Flow for Cooling & Heating

- During cooling operation, the vane adjusts upwards to direct the air flow toward the ceiling. During heating operation, the van directs the air flow toward the floor to balance out the room temperature.
- Optional two thermistors control, the indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5-step vane control for the air flow direction
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- Easy installation, 6 different ways to Install piping
- Easy service , easy slide-type PCB
- **Standard for Wi-Fi (Embedded)**
- **Standard for ionizer**
- **Standard for wireless controller with the indoor console unit.**

UQ09F.NA0 / UQ12F.NA0 / UQ18F.NA0



UUA1.UL0 **UUB1.U20**



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COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.6 / 3.4	1.5 / 3.5 / 4.0	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.6 / 3.1 / 3.9	1.6 / 4.0 / 4.3	2.0 / 4.9 / 5.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.65 / 0.91	0.30 / 1.00 / 1.46	0.40 / 1.75 / 2.45
	Heating	Min. / Rated / Max.	kW	0.30 / 0.74 / 1.08	0.30 / 1.05 / 1.58	0.30 / 1.56 / 2.11
Running Current	Cooling / Heating	Rated	A	2.9 / 3.3	4.4 / 4.7	8.3 / 8.0
EER / COP			kWh / kWh	4.00 / 4.20	3.50 / 3.80	2.85 / 3.14
SEER / SCOP			kWh / kWh	6.5 / 4.0	6.4 / 4.0	5.8 / 3.8
Pdesign	Cooling @ 35°C		kW	2.6	3.5	5
	Heating @ -10°C		kW	2.8	3	3.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	140 / 980	191 / 1,050	302 / 1,396
Dehumidification Rate			l/h	0.7	1.3	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UQ09F.NA0**	**UQ12F.NA0**	**UQ18F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	37 / 30 / 25	37 / 30 / 25	44 / 39 / 35
Air Flow Rate		H / M / L	m^3/min	8.5 / 6.7 / 5.0	8.5 / 6.7 / 5.0	10.1 / 8.6 / 7.2
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Weight	Body		kg	16.3	16.3	16.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power Level	Cooling	Max.	dB(A)	59	59	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø16.7 / 12.2	Ø16.7 / 12.2	Ø16.7 / 12.2
OUTDOOR				**UUA1.UL0**		**UUB1.U20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	15		20
Power Supply Cable (Included Earth)			No x mm^2	3C x 1.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288		870 x 650 x 330
Weight	Net		kg	33.3		44.5
Compressor	Type		-	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675		1.2 / 0.81
	Chargeless		m	10		10
	Additional Charging Volume		g/m	20		20
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1		50 x 1
Total Piping Length		Min. / Max.	m	5 / 30		5 / 30
Piping Elevation	IDU - ODU	Max.	m	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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FLOOR STANDING



Stylish Design

A 2013 Reddot design award winner, the new LG floor standing air conditioner is ideal for modern interiors in your home or office.

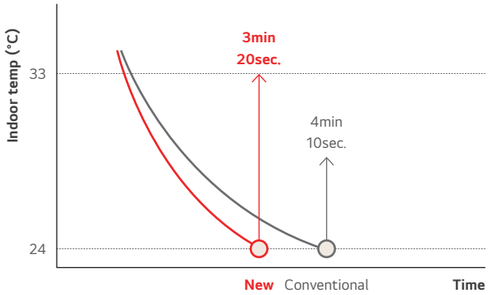


reddot design award
winner 2013

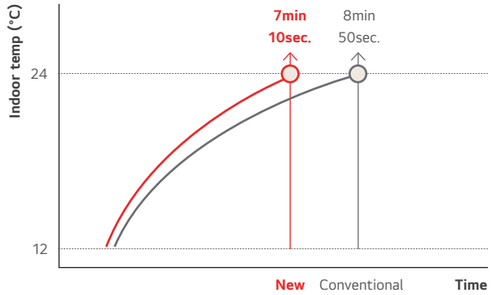
Quick Response

Offering powerful cooling, the commercial air conditioning system can reach a set temperature in a shorter period of time. Meanwhile, the Power Heating function provides the optimal air flow angle, guaranteeing a faster heating performance.

Cooling

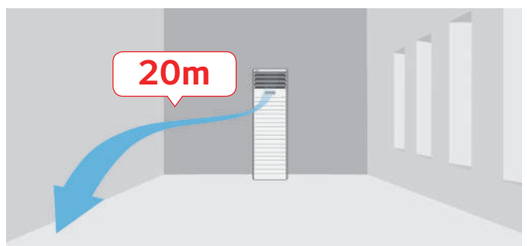


Heating



Powerful Air Flow

The new LG floor standing air conditioner is efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20m away from the air conditioner.



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※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R410A)

High Performance by Power Air Flow

- Efficient for using in large areas due to its powerful cooling and heating operation. The powerful air speed and volume means the air flow can reach up to 20 m away from the air conditioner
- Automatic fan speed selection thru selectable 4-step fan speed.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Standard for wireless controller with the flooring standing unit.**
- **Floor standing model will be obsolete from 26.05 ~**
- **To be launched on 25.09 ~**

UP48.NT2



UU48W.U32



UU49W.U32



EUROVENT CERTIFIED PERFORMANCE

LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

INDOOR				UP48.NT2
Capacity	Cooling	Min. / Nom. / Max.	kW	6.0 / 13.4 / 15.2
	Heating	Min. / Nom. / Max.	kW	6.0 / 15.5 / 17.1
Low Temperature Capacity	Heating -7°C	Max.	kW	16.0
Power Input (Set)	Cooling	Nom.	kW	4.2
	Heating	Nom.	kW	4.5
Power Input (Indoor)		Nom.	W	200
Running Current	Cooling / Heating	Nom.	A	18.1 / 19.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50
EER				3.21
COP				3.41
SEER				5.05
SCOP				3.51
Pdesign (@ -10°C)			kW	11.5
Seasonal Energy Label	Cooling / Heating			-
Annual Energy Consumption	Cooling / Heating		kWh	-
Piping Connection	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm	32 / 25
Air Flow Rate		High / Medium / Low	m^3/min	31 / 27 / 23
Sound Pressure*	Cooling	High / Medium / Low	dB(A)	52 / 49 / 45
Sound Power	Cooling	Max.	dB(A)	65
Dehumidification Rate			l/h	5.0
Dimensions	Body	W x H x D	mm	590 x 1,840 x 460
Net Weight	Body		kg	50.0

OUTDOOR				UU48W.U32	UU49W.U32
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m^3/min	110	110
Sound Pressure*	Cooling	Nom	dB(A)	52	52
	Heating	Nom	dB(A)	54	54
Sound Power	Cooling	Max	dB(A)	72	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	92.0	96.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	3,400	3,400
	Additional Charge		g/m	40	40
	GWP		-	2087.5	2087.5
	t-CO_2eq		-	7.1	7.1
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm^2	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	20
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R410A)

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WALL MOUNTED



STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min / Max)**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**

MJ09PC.NSJ / MJ12PC.NSJ



UUA1.UL0



R32

EUROVENT CERTIFIED PERFORMANCE

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COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1.50 / 2.50 / 3.20	1.50 / 3.50 / 4.00
	Heating	Min. / Rated / Max.	kW	1.80 / 3.20 / 3.70	1.80 / 4.00 / 4.40
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 0.58 / 0.84	0.33 / 0.97 / 1.48
	Heating	Min. / Rated / Max.	kW	0.30 / 0.71 / 0.85	0.33 / 1.00 / 1.48
Running Current	Cooling / Heating	Rated	A	2.60 / 3.20	4.40 / 4.50
EER / COP			kWh / kWh	4.30 / 4.50	3.60 / 4.00
SEER / SCOP			kWh / kWh	7.00 / 4.00	6.60 / 4.00
Pdesign	Cooling @ 35°C		kW	2.5	3.5
	Heating @-10°C		kW	2.8	2.8
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A+
Annual Energy Consumption		Cooling / Heating	kWh	125 / 980	186 / 980
Dehumidification Rate			ℓ/h	1.90	1.90
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**MJ09PC.NSJ**	**MJ12PC.NSJ**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	11 / 18 / 30	11 / 19 / 30
Air Flow Rate		H / M / L	m^3/min	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189
Weight	Body		kg (lbs)	8.2 (18.1)	8.2 (18.1)
	Shipping		kg (lbs)	10.2 (22.5)	10.2 (22.5)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29
Sound Power Level	Cooling	Max.	dB(A)	56	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUA1.UL0**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	
Power Supply Cable (included Earth)			No. x mm^2	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
Weight	Net		kg	33.3	
Compressor	Type		-	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq.		kg	1.0 / 0.675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
	Air Flow Rate	Rated	m^3/min x No.	28 x 1	
Total Piping Length		Min. / Max.	m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max..	m	30	

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Note :
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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min / Max)**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**

MJ18PC.NSK / MJ24PC.NSK



UUB1.U20 **UUC1.U40**



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COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	2.00 / 5.00 / 7.00	2.70 / 6.80 / 7.70
	Heating	Min. / Rated / Max.	kW	2.30 / 5.80 / 6.10	3.00 / 6.90 / 7.24
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 1.39 / 2.63	0.40 / 2.00 / 2.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.71 / 1.96	0.40 / 2.30 / 2.50
Running Current	Cooling / Heating	Rated	A	6.30 / 7.70	9.10 / 10.60
EER / COP			kWh / kWh	3.61 / 3.40	3.40 / 3.00
SEER / SCOP			kWh / kWh	6.80 / 4.00	6.70 / 3.90
Pdesign	Cooling @ 35°C		kW	5.0	6.8
	Heating @-10°C		kW	4.1	5.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A
Annual Energy Consumption		Cooling / Heating	kWh	257 / 1,365	355 / 1,795
Dehumidification Rate			ℓ/h	3.35	3.50
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	47	48
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**MJ18PC.NSK**	**MJ24PC.NSK**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	26 / 39 / 60	27 / 45 / 60
Air Flow Rate		H / M / L	m^3/min	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
Dimensions	Body	W x H x D	mm	975 x 354 x 209	975 x 354 x 209
Weight	Body		kg (lbs)	10.9 (24.0)	11.5 (25.4)
	Shipping		kg (lbs)	13.9 (30.6)	14.5 (32.0)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 38 / 34	46 / 41 / 36
Sound Power Level	Cooling	Max	dB(A)	59	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min	A	20	25
Power Supply Cable (included Earth)			No. x mm^2	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq.		kg	1.2 / 0.810	1.9 / 1.283
	Control		-	EEV	EEV
	Chargeless		m	10	20
	Additional Charging Volume		g/m	20	55
	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5.0 / 35.0	5.0 / 50.0
Piping Elevation	IDU-ODU	Max.	m	30	30

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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WALL MOUNTED

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min / Max) for US30F**
- **Operation range (heating) is -25°C ~ 18°C (Min / Max) for US36F**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**

US30F.NR0 / US36F.NR0 / US36F.NR0



UUC1.U40 UUD1.U30 UUD3.U30



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COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling / Heating	Rated	A	10.1 / 11.1	11.4 / 12.2	4.1 / 4.4
EER / COP			kWh / kWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
SEER / SCOP			kWh / kWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
Pdesign	Cooling @ 35°C		kW	8	9.5	9.5
	Heating @ -10°C		kW	5.4	8.7	8.7
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	400 / 1,758	545 / 3,164	545 / 3,164
Dehumidification Rate			l/h	2.9	3.8	3.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 52	50 / 50	50 / 50
ODU Sound Power Level	Cooling	Rated	dB(A)	68	66	66
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 ~ 50	-20 ~ 52	-20 ~ 52
	Heating	Min. / Max.	°C	-20 ~ 18	-25 ~ 18	-25 ~ 18
INDOOR				**US30F.NR0**	**US36F.NR0**	**US36F.NR0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUC1.U40**	**UUD1.U30**	**UUD3.U30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50
Circuit Breaker		Min.	A	25	40	20
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 6.0	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net		kg	57.7	85	85
Compressor	Type		-	Twin Rotary	Inverter Scroll	Inverter Scroll
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	3.0 / 2.025	3.0 / 2.025
	Chargeless		m	20	20	20
	Additional Charging Volume		g/m	55	50	50
Fan	Air Flow Rate	Rated	m^3/min x No.	58 x 1	55 x 2	55 x 2
Total Piping Length		Min. / Max.	m	5 / 50	5 / 85	5 / 85
Piping Elevation	IDU - ODU	Max.	m	30	30	30

* : Sound Pressure is not a value declared on Eurovent Program.
Note :
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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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COMPACT INVERTER (R32)

High Performance with Easy Installation

- Solution for small businesses and shops
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control.
- Smart sensor (Temperature sensor + Pressure sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (Monitoring view) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone.
- **Standard for Wi-Fi (Embedded)**
- **Standard for wireless controller with the flooring standing unit.**

US30F.NR0 / US36F.NR0



UUB1.U20 **UUC1.U40**



EUROVENT CERTIFIED PERFORMANCE

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COMBINATION				30	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min. / Rated / Max.	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min. / Rated / Max.	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling / Heating	Rated	A	10.1 / 9.3	13.6 / 13.3
EER / COP			kWh / kWh	3.25 / 3.60	3.10 / 3.60
SEER / SCOP			kWh / kWh	6.8 / 4.1	6.4 / 4.1
Pdesign	Cooling @ 35°C		kW	7.5	9.5
	Heating @ -10°C		kW	4.3	5.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	386 / 1,468	520 / 1,980
Dehumidification Rate			l/h	3.0	3.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 ~ 48	-20 ~ 50
	Heating	Min. / Max.	°C	-15 ~ 18	-15 ~ 18
INDOOR				**US30F.NR0**	**US36F.NR0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	20	25
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10	20
	Additional Charging Volume		g/m	40	55
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 35	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30

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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)

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※ Specifications may vary by each model or IDU / ODU combination.

AHU SOLUTION



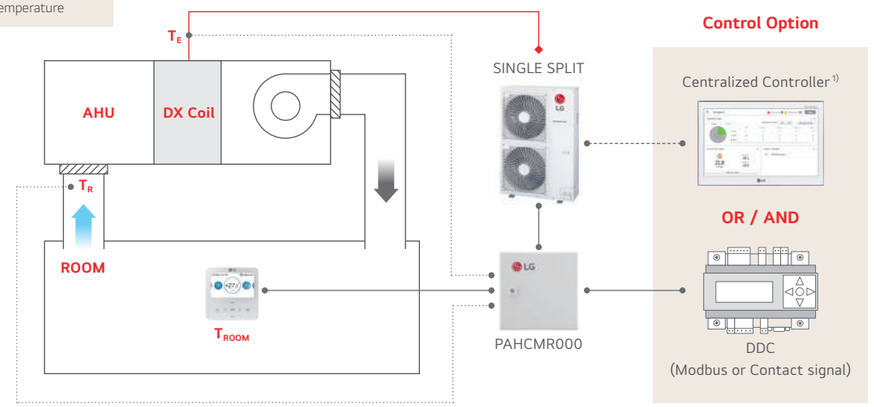
Air Handling Applications

Economically feasible solution for pair application with air handling units.

Return/Room Air Temperature Control

- Temp Sensors
- Comm. Line
- Central Comm. Line to ODU
- Ref. Pipe

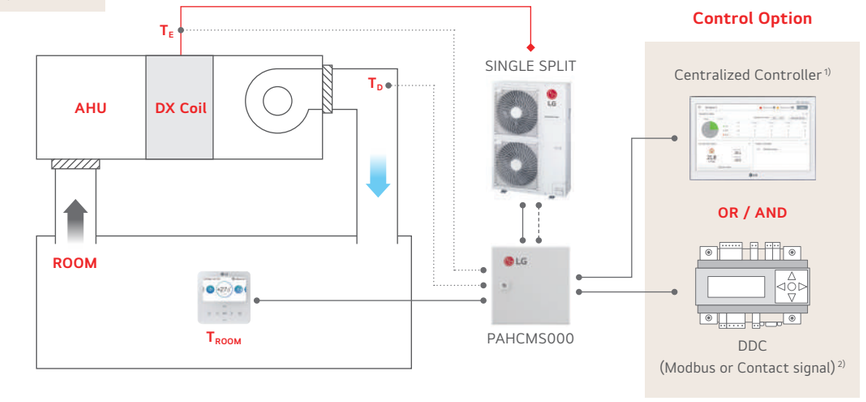
T_E = Evaporator Temperature (Liquid Pipe / Gas Pipe)
T_R = Return Air Temperature
T_{ROOM} = Room Air Temperature



Discharge Air Temperature Control

- Temp Sensors
- Comm. Line
- Central Comm. Line to ODU
- Ref. Pipe

T_E = Evaporator Temperature (Liquid Pipe / Gas Pipe)
T_D = Discharge Air Temperature
T_{ROOM} = Room Air Temperature



1) PI485(PMNFP14A1) is required for using centralized controller.
2) In case of applying DDC with contact signal, discharge air temperature should be measured and controlled by DDC.
3) For more detail, please refer to the PDB of AHU Communication Kit.

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Communication Kit




PAHCMR000 / PAHCMS000

Specification

MODEL	COMBINATION		DESCRIPTION	DIMENSIONS (MM)		
	OUTDOOR UNIT	CENTRALIZED CONTROLLER		W	H	D
PAHCMR000	Single Split	•	Return / Room air temperature control by DDC or LG individual / centralized controller	300	300	155
PAHCMS000	Single Split	•	Discharge air temperature control by DDC or LG individual / centralized controller	380	300	155

Function list for Communication kit

FUNCTION LIST*		PAHCMR000	PAHCMS000	NOTE
Control	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode 1)	Cooling / Heating	Cooling / Heating	
	Return (room) Air Temperature	16~30°C	-	
	Discharge Air Temperature 2)	-	16~30°C	Available in case of using DDC with Modbus or LG Control system
	Fan Speed 3)	Low / Middle / High	Low / Middle / High	It may not be possible depending on the particular condition
	Forced Thermal On / Off	On / Off	-	Available in case of using DDC with contact signal
	Capacity Control	-	•	Available in case of using DDC with Modbus or contact signal
Monitor	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode 1)	Cooling / Heating	Cooling / Heating	Available in case of using DDC with Modbus or LG Control system
	Fan Speed	Low / Middle / High	Low / Middle / High	
	Error Alarm	•	•	
	Compressor On / Off	On / Off	On / Off	Available in case of using DDC with Modbus or LG individual controller PAHCMR000 doesn't provide this in case of using DDC with contact signal

1) Available operation mode can be varied depending on the setting of AHU Communication Kit.
2) This range may differ depending on the type of controller.
3) To control and monitor the fan speed, DO ports for the fan speed status have to be connected with the fan unit.
* Some of functions may not be possible depending on the setting of AHU Communication Kit. For more details of condition, please refer to the product data book.

Combination Table

		R32				
Model Name		UUA1.UL0	UUB1.U20	UUC1.U40	UUD1.U30 UUD3.U30	UU200W UU250W
Capacity Index Range	kBtu/h	9 ~18	18 ~ 30	24 ~ 36	36 ~ 60	70 ~ 85
	kW	2.5 ~ 5.0	5.0 ~ 8.0	6.8 ~ 10.0	10.0 ~ 14.6	20.0 ~ 25.0
PAHCMR000		X	O	O	O	O
PAHCMS000		X	O	O	O	O

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ACCESSORIES



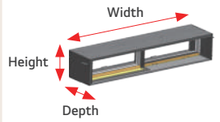
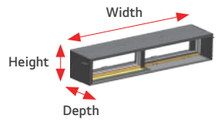
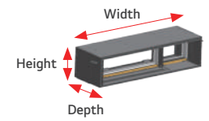
UVnano™ Filter Box

UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.



UVnano Filter Box Kit (Included ePM1 Filter)
PBM13M3UA0 / PBM13M2UA0 / PBM13M1UA0

ePM1 Filter
FBM13M3UA0 / FBM13M2UA0 / FBM13M1UA0

PLATFORM		UNIT	M3 PLATFORM	M2 PLATFORM	M1 PLATFORM
MODEL NAME			PBM13M3UA0	PBM13M2UA0	PBM13M1UA0
Duct UVnano Filter Box		-			
Net Size (W x H x D)		mm	1,250 x 360 x 280	1,250 x 270 x 280	900 x 270 x 280
Shipping Size (W x H x D)		mm	1,440 x 430 x 377	1,440 x 340 x 377	1,048 x 340 x 377
Net Weight		kg	12.7	11.6	9.1
Pre-Filter (1)	Size (W x H x D)	mm	596 x 377 x 4	596 x 247 x 4	596 x 247 x 4
	Mesh	-	34 x 39	34 x 39	34 x 39
	Color	-	Black	Black	Black
	Quantity	EA	2	2	1
Pre-Filter (2)	Size (W x H x D)	mm	-	-	247 x 247 x 4
	Mesh	-	-	-	34 x 39
	Color	-	-	-	Black
	Quantity	EA	-	-	1
UVnano	UVC Wavelength	nm	275	275	275
	UVC LED Quantity	EA	8	8	8
Filter (1)	Model Name		FBM13M3UA0	FBM13M2UA0	FBM13M1UA0
	Size (W x H x D)	mm	600 x 341 x 50.8	600 x 251 x 50.8	600 x 251 x 50.8
	Quantity	EA	2	2	1
	Grade	-	*ePM$_1$ 65%	ePM$_1$ 65%	ePM$_1$ 65%
Filter (2)	Size (W x H x D)	mm	-	-	250 x 251 x 50.8
	Quantity	EA	-	-	1
	Grade	-	-	-	ePM$_1$ 65%

* Grade : ISO 16890

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LG Wi-Fi Modem

Control conditioners by using internet devices such as Android or iOS smartphones.



PWFMDD200

Features

- A user can enjoy anytime, anywhere access with Wi-Fi equipped device through ThinQ mobile app.
- This allows the user to access the unit remotely to switch unit on or off before or after leaving the vicinity.
- LG's exclusive Home Appliances control app (ThinQ) is available.
- Simple operation for various functions.
  - On / Off
  - Operation Mode
  - Current / Set Temperature
  - Fan Speed
  - Vane Control [1)]
  - Reservation (Sleep, Weekly On / Off)
  - Energy Monitoring [2)]
  - Filter Management
  - Error Check
  - Air Purify [3)]

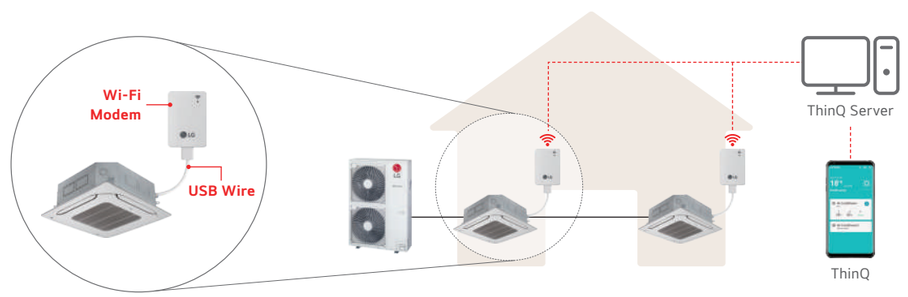
Model Name	PWFMDD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner [3)]
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1(Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10m extension)

Download on the App Store GET IT ON Google Play



Note : 1. Functionality may be different according to each IDU model.
2. User interface of application shall be revised for its design and contents improvement.
3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.
1) Vane Control may not be possible according to the type of Indoor unit.
2) LG Centralized controller and PDI installation is required for this function.
3) For the compatibility with indoor units, regional LG office.

Overview



※ Search "ThinQ" on Google market or Appstore then download the app.
※ Internet service with Wi-Fi connection has to be available.
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Standard Wired Remote Controller



Standard III
PREMTB101



Standard III
PREMTBB11



Standard II
PREMTB001



Standard II
PREMTBB01

NEW



Standard
PREMTB200

Model Name	PREMTB101 PREMTBB11	PREMTB001 PREMTBB01
Operation Mode	On / Off, Fan Speed Control, Temperature Setting	
Mode Change	Cooling, Heating, Auto, Dehumidification, Fan	
Auto Swing / Vane Control	●	●
Reservation	Simple, Sleep, On / Off, Weekly, Holiday	
Time Display	●	●
Electrical Failure Compensation	●	●
Child Lock	●	●
Operation Status LED	●	●
Indoor Temperature Display	●	●
Wireless Remote Controller Receiver	-	●
Size (W x H x D, mm)	120 x 120 x 16	120 x 121 x 16
Backlight	●	●

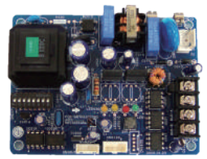
※ Refer to each model PDB for applicable models.

Remote Controller



PWLSSB21H

PI 485



PMNFP14A1

Power : Single phase AC 220V 50/60Hz
Max. no of the indoor units that can be connected : 64 Units
Model applied : RAC / Multi / Single / THERMA V

※ Refer to each product PDB for applicable models.

Dry Contact



PDRYCB000



PDRYCB400



PDRYCB320



PDRYCB500 / PDRYCB510*

※ Refer to each product PDB for applicable models.
* No case for PDRYCB510

Model	PDRYCB000	PDRYCB400	PDRYCB320	PDRYCB500/ PDRYCB510*
Contact Point	1 Control Point	2 Control Point	8 Control Point	Modbus RTU
Power Input	AC 220V from outside power source	DC 5V & 12V from indoor unit PCB	DC 5V & 12V from indoor unit PCB	DC 5V & 12 V from indoor unit PDB
Voltage / Non Voltage Input	-	●	●	-
On / Off Control	●	●	●	●
Lock / Unlock	●	●	●	
Fan Speed Setting	-	-	●	●
Thermo Off	-	●	●	-
Energy Saving	-	●	-	-
Temperature Setting	-	●	●	●
Error Monitoring	●	●	●	●
Operation Monitoring	●	●	●	●

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※ Specifications may vary by each model or IDU / ODU combination.

Accessory Compatibility List (Indoor Unit)

Ceiling Mounted Cassette (Mini 4 Way)

Category		Product	Remarks	UT09FH.NQ0 UT12FH.NQ0 CT09F.NR0 CT12F.NR0 CT18F.NQ0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	X
	Ionizer	PAS-NATDR2	-	O

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
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Accessory Compatibility List (Indoor Unit)

Ceiling Mounted Cassette (4 Way)

Category		Product	Remarks	UT18FH.NB0 UT24FH.NA0 UT30FH.NA0 UT36FH.NA0 UT42FH.NA0 UT48FH.NA0 UT60FH.NA0 CT24F.NB0 UT30F.NB0 UT36F.NA0 UT42F.NA0 UT48F.NA0 UT60F.NA0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU Pi485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	ABDPG	-	X
	Drain Pump	PTAHYP0	-	O
	Ionizer	PAS-NATDR2	-	O

Note
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2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
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Ceiling Concealed Duct (Mid Static)

Category		Product	Remarks	UM12FH.N10 UM18FH.N10 UM24FH.N20 UM30FH.N20 UM36FH.N30 UM42FH.N30 UM48FH.N30 UM36F.N21 UM42F.N21 UM48F.N31 UM60F.N31 CM18F.NA0 CM24F.NA0 UM30F.NA0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O**
		PWLSSB21H	Heat Pump	O**
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
IR Receiver		PWLRVN000	-	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without case	X
		PSNFP14A0	With case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	O
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	O (Embedded)
	UVnano Filter Box Kit	PBM13M1UA0	For M1 Chassis	O
		PBM13M2UA0	For M2 Chassis	O
		PBM13M3UA0	For M3 Chassis	O
	High Efficiency Filter (Main Filter of Filter Box)	FBM13M1UA0	For M1 UVnano Filter Box	O
		FBM13M2UA0	For M2 UVnano Filter Box	O
		FBM13U3UA0	For M3 UVnano Filter Box	O

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
4. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
5. Do not install both the IR Receiver and Wired Remote Controller. This may cause malfunctions.
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Accessory Compatibility List (Indoor Unit)

Ceiling Concealed Duct (Low Static)

Category		Product	Remarks	UL12FH.N50 UL18FH.N30 CL09F.N50 CL12F.N50 CL18F.N60 CL24F.N30
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O**
		PWLSSB21H	Heat Pump	O**
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000(A/B)	Premium	O
IR Receiver		PWLRVN000	-	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	O
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	O (Embedded)

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. ** : Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
4. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
5. Do not install both the IR Receiver and Wired Remote Controller. This may cause malfunctions.
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※ Specifications may vary by each model or IDU / ODU combination.

Ceiling Suspended

Category		Product	Remarks	UV18FH.N10 UV24FH.N20 UV30FH.N20 UV36FH.N20 UV42FH.N20
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	X
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSMA0	-	X
	Drain Pump	ABDPG	-	X

Note
1. O: Possible, X: Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

Accessory Compatibility List (Indoor Unit)

Wall Mounted Unit

Category		Product	Remarks	MJ09PC.NSJ MJ12PC.NSJ MJ18PC.NSK MJ24PC.NSK US30F.NR0 US36F.NR0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	X
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	X
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	X
	2-Remo Control Wire	PZCWRC2	0.25 m	X
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O (Embedded)
	Human Detecting Sensor	PTVSAA0	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product >Control(BECON))

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Ceiling Mounted Cassette (Round)

Category		Product	Remarks	UT36F.NY0 UT48F.NY0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	X
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Air Purification Kit	PTAHYP0	-	O

Note
1. O: Possible, X: Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

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Accessory Compatibility List (Indoor Unit)

Ceiling Suspended

Category		Product	Remarks	UV18F.N10 UV24F.N10 UV30F.N10 UV36F.N20 UV42F.N20 UV48F.N20 UV60F.N20
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	X
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSAA0	-	X
	Drain Pump	ABDPG	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

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Console

Category		Product	Remarks	UQ09F.NA0 UQ12F.NA0 UQ18F.NA0
Wireless Remote Controller		PQWRHQ0FDB	Heat Pump	O (Embedded)
		PWLSSB21H	Heat Pump	O
Wired Remote Controller	Simple	PQRCVCL0Q (W)	Simple	O
	Standard	PREMTB001	Standard II (White)	O
		PREMTBB01	Standard II (Black)	O
		PREMTB101	Standard III (White)	O
		PREMTBB11	Standard III (Black)	O
	Premium	PREMTA000 (A/B)	Premium	O
Dry Contact	Simple Contact	PDRYCB000	Simple Dry Contact	O
	Communication Type	PDRYCB400	2 Points Dry Contact (For Setback)	O
		PDRYCB300	For 3rd Party Thermostat	O
		PDRYCB320	For 3rd Party Thermostat (Analog Input)	O
		PDRYCB500	For Modbus	O
Gateway	IDU PI485	PHNFP14A0	Without Case	X
		PSNFP14A0	With Case	X
ETC	Remote Temperature Sensor	PQRSTA0	-	O
	Zone Controller	ABZCA	-	X
	CO_2 Sensor	PES-C0RV0	For ERV, ERV DX Indoor Units	X
	Group Control Wire	PZCWRCG3	0.25 m	O
	2-Remo Control Wire	PZCWRC2	0.25 m	O
	Extension Wire	PZCWRC1	10 m	O
	Wi-Fi Controller*	PWFMDD200	-	O
	Human Detecting Sensor	PTVSAA0	-	X

Note
1. O : Possible, X : Impossible, - : Not applicable, Embedded : Included with product.
2. * : Some advanced functions controlled by individual controller cannot be operated.
3. If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
4. Selecting a wireless remote controller in case of ducted type indoor units requires either a connection to the wired remote controller (Standard II) or an IR receiver accessory to be connected to the duct in order to receive the signal.
5. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))

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Accessory Compatibility List (Outdoor Unit)

Outdoor Units

Category		Product	Remarks	UUA1.UL0	UUB1.U20 UUC1.U40 UUD1.U30 UUD3.U30
Central Controller	Simple	PQCSZ250S0	AC EZ	O	O
	AC Ez Touch	PACEZA000	AC Ez Touch	O	O
	AC Smart	PACS5A000	AC Smart 5	O	O
	ACP	PACP5A000	ACP 5	O	O
	AC Manager[1)]	PACM5A000	AC Manager 5	O	O
Simple	ODU PI485	PMNFP14A1	PI 485 Gateway	O	O
	Low Ambient Kit	PRVC2	From MULTI V IV series	-	-
	AHU Comm. Kit	PAHCMR000	Retum Air Temperature Control	X	O
		PAHCMS000	Discharge Air Temperature Control	X	O
	BACnet	PQNFB17C0	ACP BACnet	O	O
	Lonworks	PLNWKB000	ACP Lonworks	O	O
ETC	PDI	PPWRDB000	PDI Standard	O	O
		PQNUD1S40	PDI Premium	O	O
	ACS IO Module	PEXPMB000	-	X	X

Note
1. O : Possible, X : Impossible, - : Not applicable
2. 1) : ACP or AC Smart is needed.
3. Compatibility of individual controller(wireless/wired remote controller) could be found with function list on Indoor Unit's PDB.
4. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
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Outdoor Units - Synchro

Category		Product	Remarks	UUD1.U30 UUD3.U30
Central Controller	Simple	PQCSZ250S0	AC EZ	O
	AC Ez Touch	PACEZA000	AC Ez Touch	O
	AC Smart	PACS5A000	AC Smart 5	X
	ACP	PACP5A000	ACP 5	X
	AC Manager[1)]	PACM5A000	AC Manager 5	X
Simple	ODU PI485	PMNFP14A1	PI 485 Gateway	O
	Low Ambient Kit	PRVC2	From MULTI V IV series	X
	AHU Comm. Kit	PAHCMR000	Return / Room Air Control	X
		PAHCMS000	Supply Air Control by DDC	X
	BACnet	PQNFB17C0	ACP BACnet	X
	Lonworks	PLNWKB000	ACP Lonworks	X
ETC	PDI	PPWRDB000	PDI Standard	X
		PQNUD1S40	PDI Premium	X
	ACS IO Module	PEXPMB000	-	X

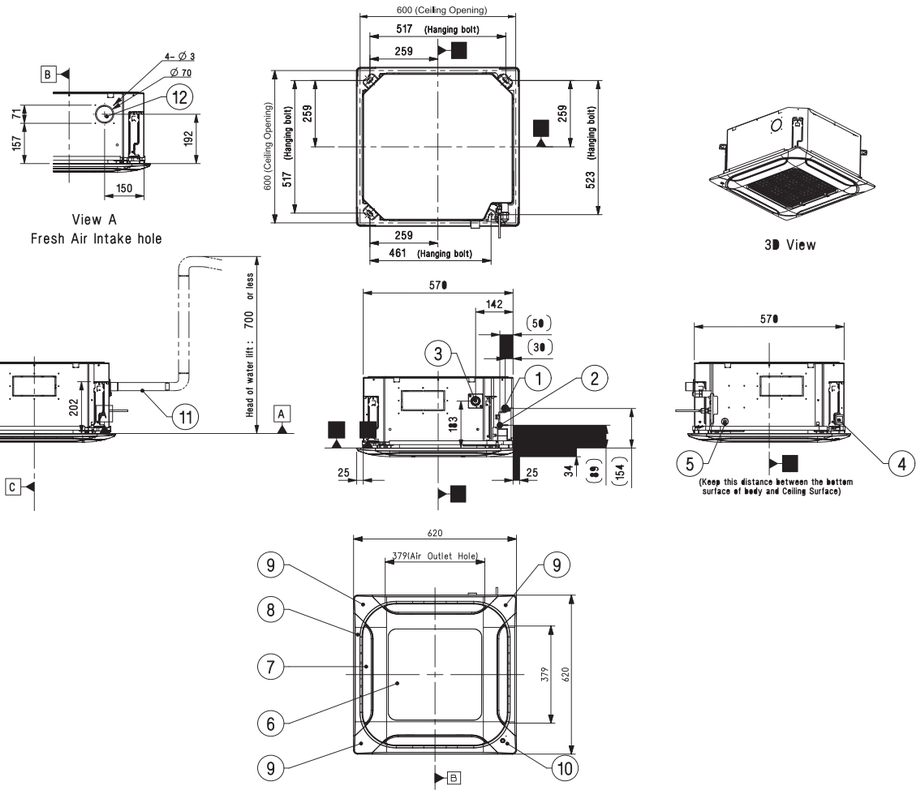
Note
1. O : Possible, X : Impossible, - : Not applicable
2. 1) : ACP or AC Smart is needed.
3. Compatibility of individual controller(wireless/wired remote controller) could be found with function list on Indoor Unit's PDB.
4. If you need more detail, please refer to the BECON PDB or the manual of product. (http://partner.lge.com/global : Home> Doc.Library> Product > Control(BECON))
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H-INVERTER (R32)

UT09FH.NQ0 / UT12FH.NQ0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole



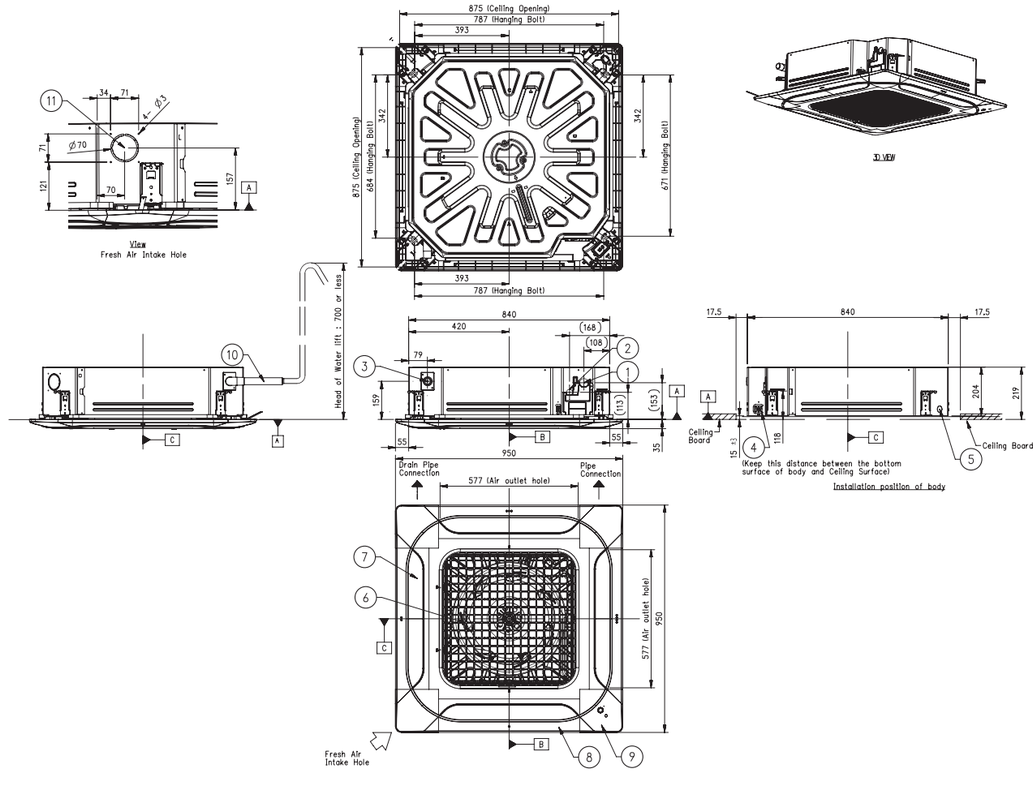
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H-INVERTER (R32)

UT18FH.NB0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose



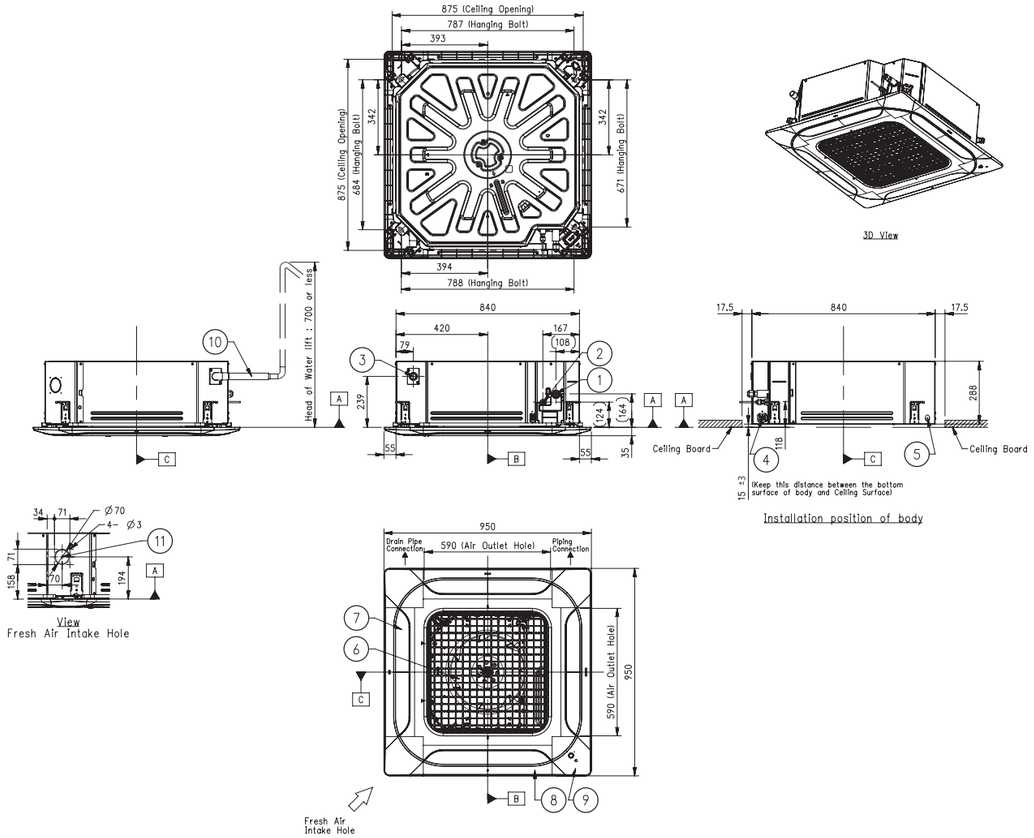
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H-INVERTER (R32)

UT24FH.NA0 / UT30FH.NA0 / UT36FH.NA0 / UT42FH.NA0
UT48FH.NA0 / UT60FH.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole

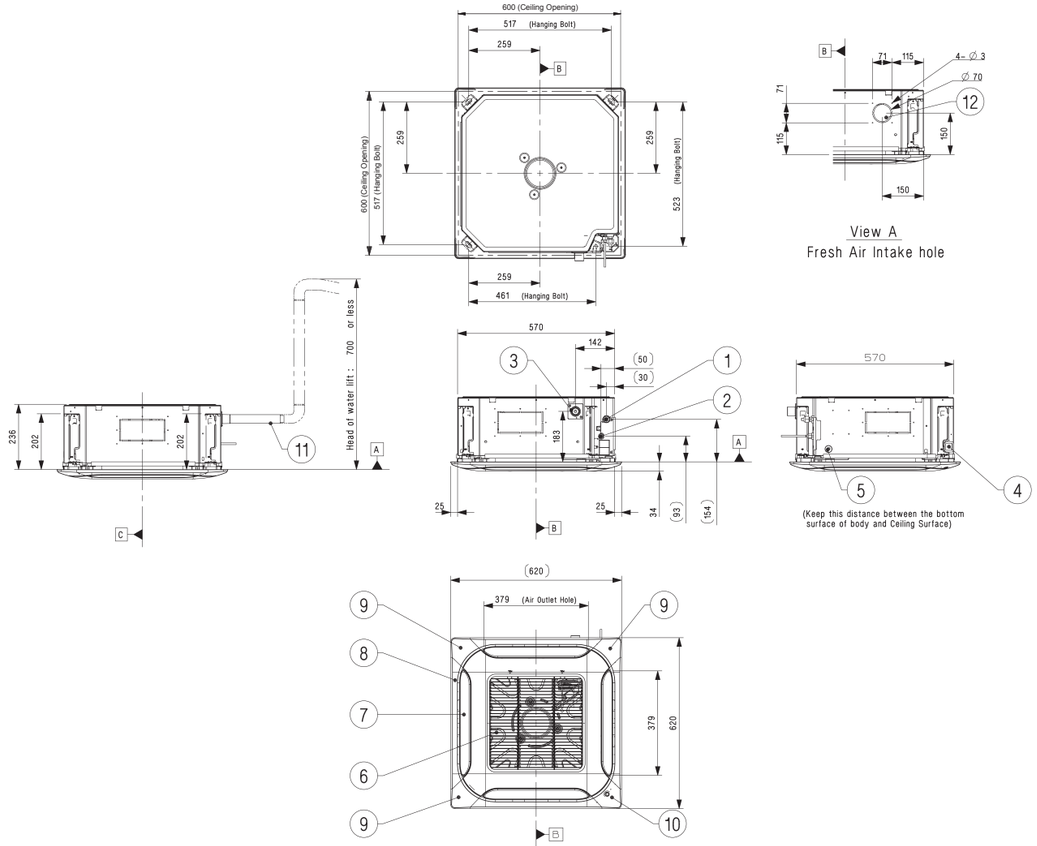


STANDARD INVERTER (R32)

CT09F.NR0 / CT12F.NR0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole

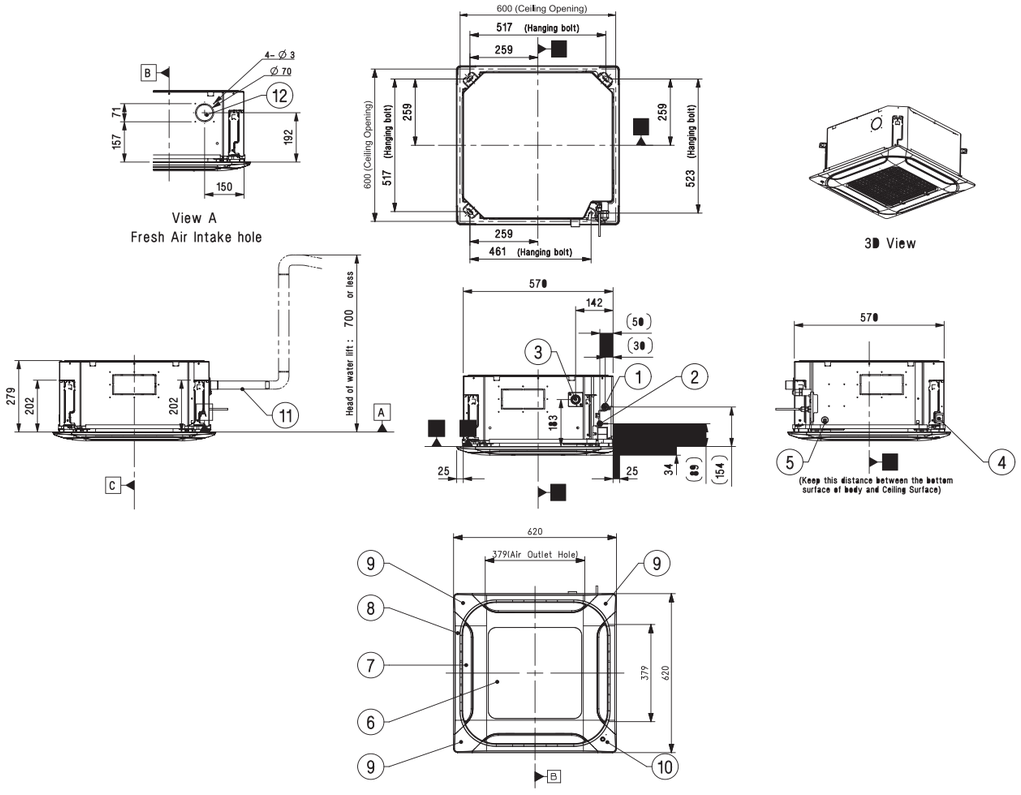


STANDARD / COMPACT INVERTER (R32)

CT18F.NQ0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Decoration Corner Display Cover
11	Flexible Drain Hose
12	Fresh air Intake Hole



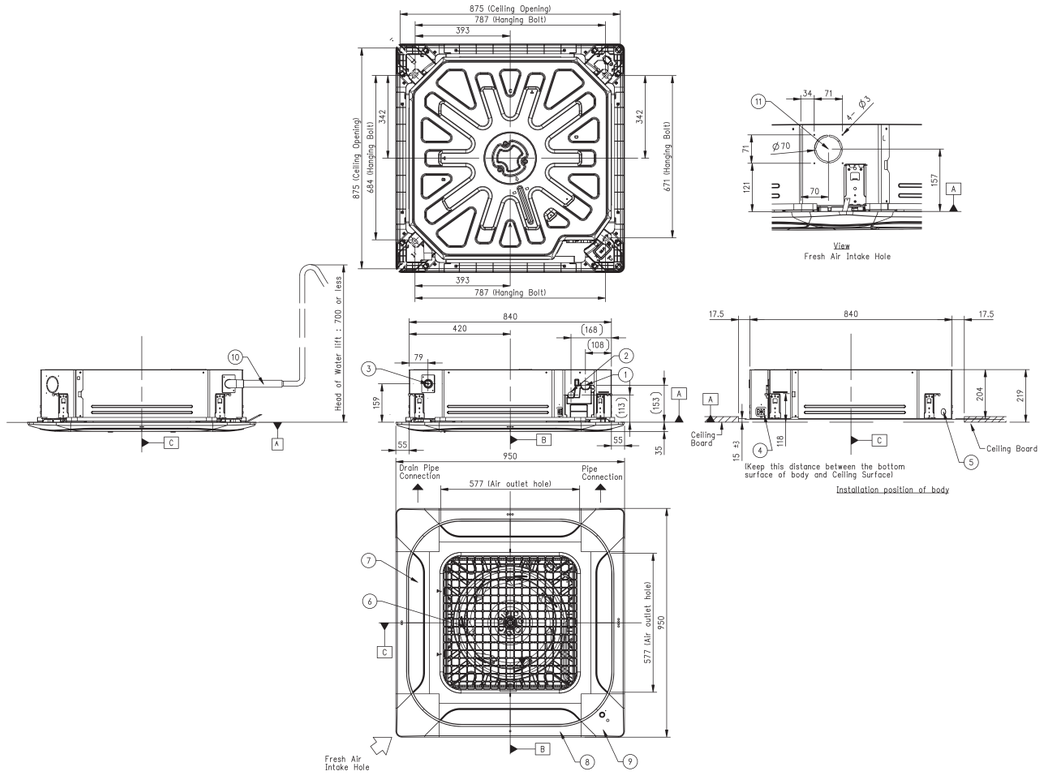
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STANDARD / COMPACT INVERTER (R32)

CT24F.NB0 / UT30F.NB0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole



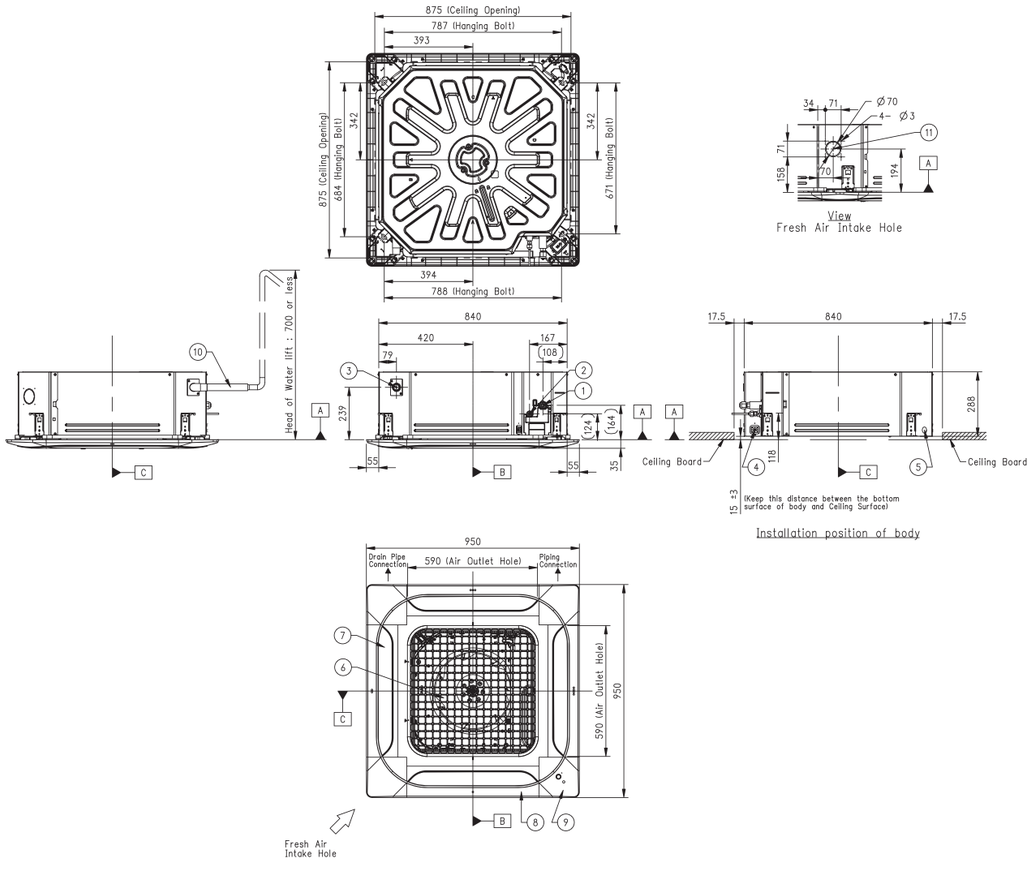
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STANDARD / COMPACT INVERTER (R32)

UT36F.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole



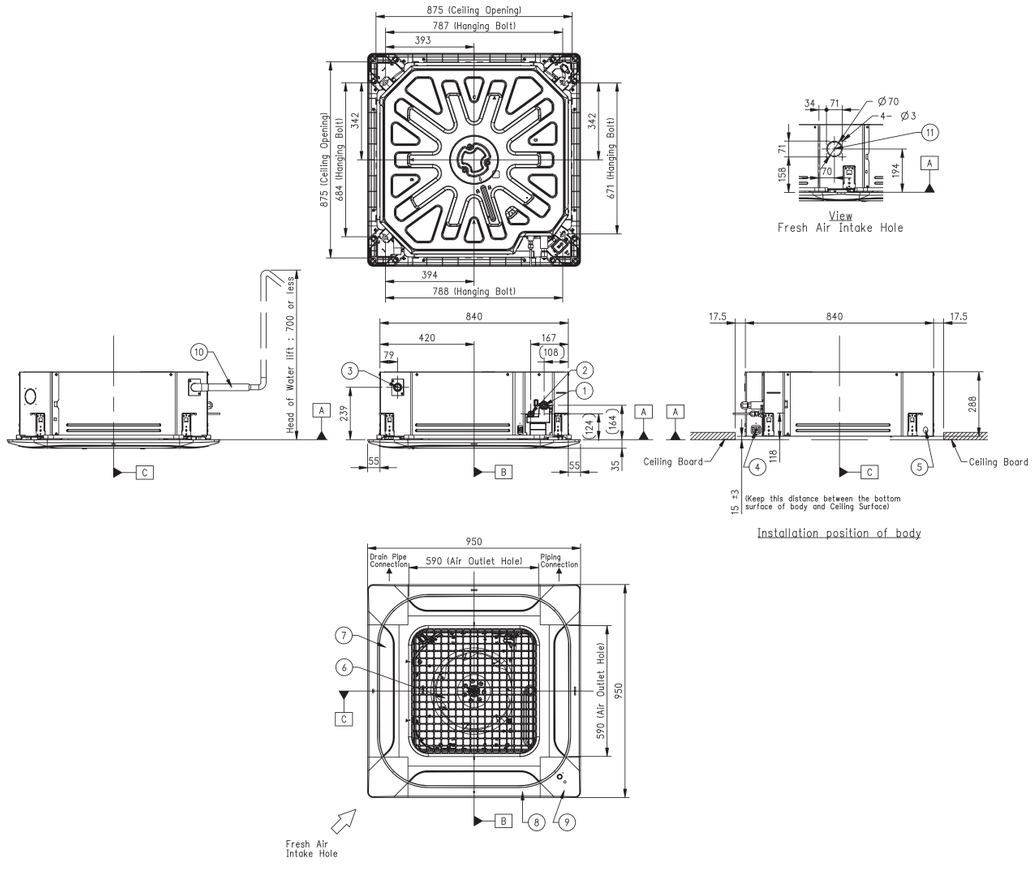
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STANDARD NVERTER (R32)

UT42F.NA0 / UT48F.NA0 / UT60F.NA0

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet
7	Air Outlet
8	Decoration Panel (Accessory)
9	Decoration Corner Cover
10	Flexible Drain Hose
11	Fresh Air Intake Hole



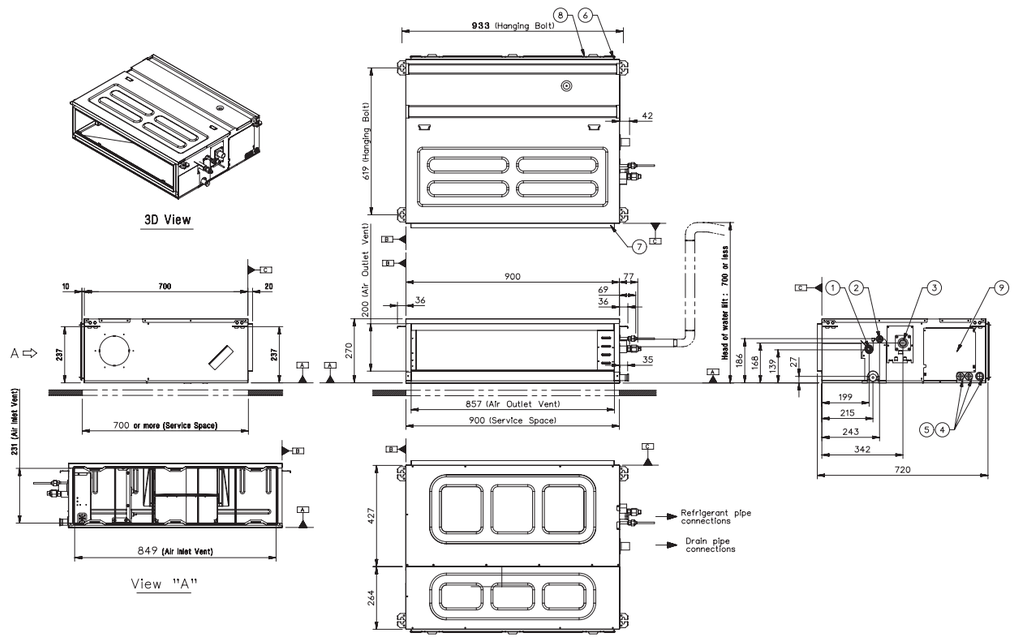
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H-INVERTER (R32) / MID STATIC

UM12FH.N10 / UM18FH.N10

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



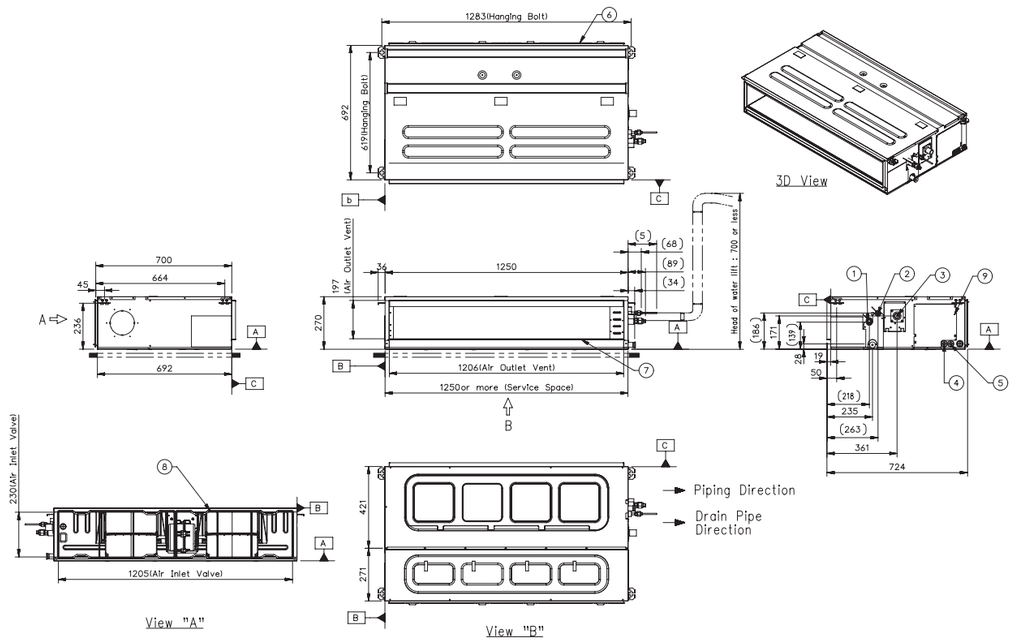
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H-INVERTER (R32) / MID STATIC

UM24FH.N20 / UM30FH.N20

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



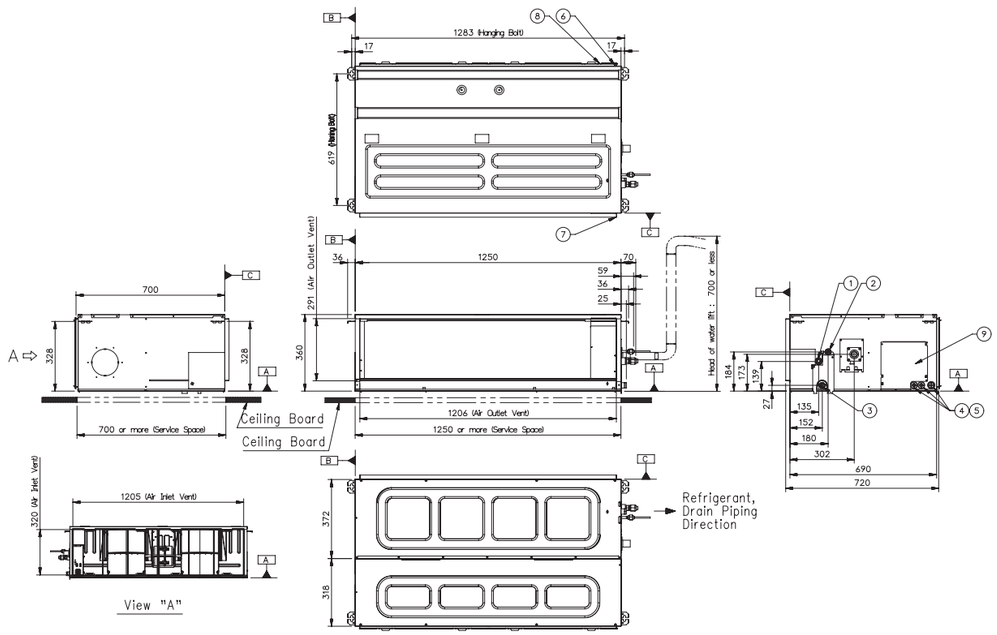
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H-INVERTER (R32) / MID STATIC

UM36FH.N30 / UM42FH.N30 / UM48FH.N30

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Routing Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover

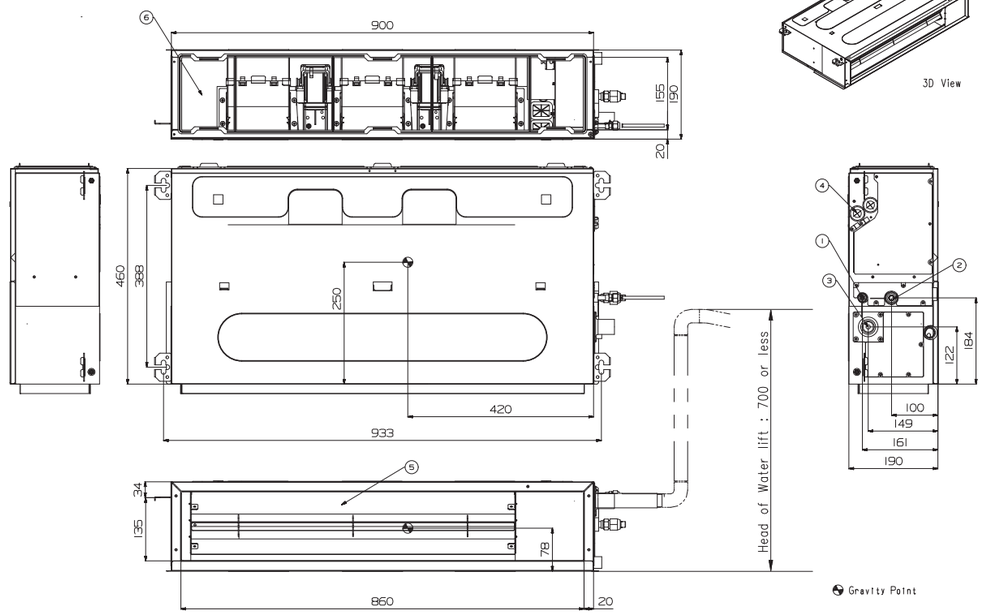


H-INVERTER (R32) / LOW STATIC

UL12FH.N50

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power supply Connection
5	Air Discharge
6	Air Suction



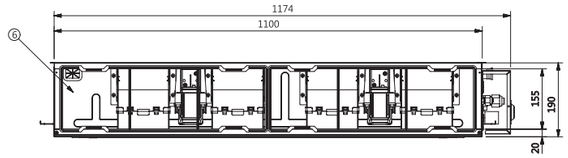
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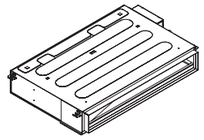
H-INVERTER (R32) / LOW STATIC

UL18FH.N30

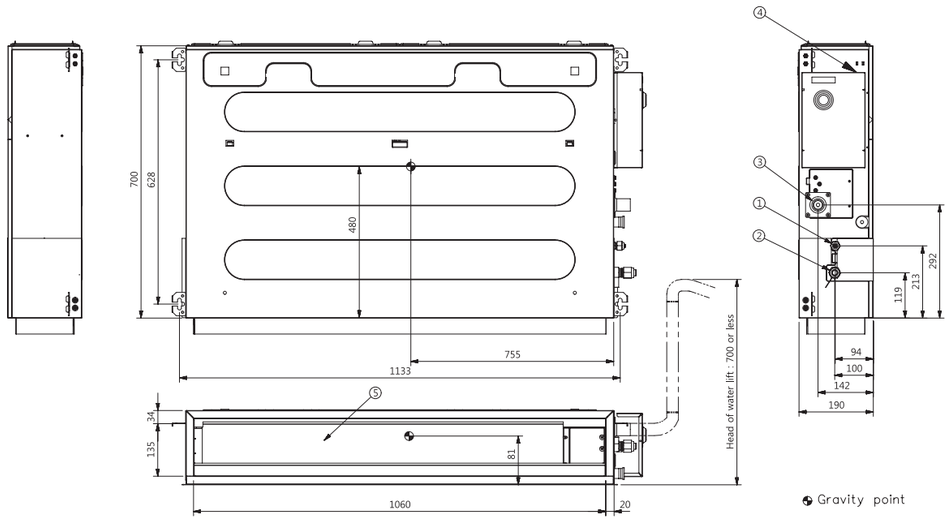
(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power supply Connection
5	Air Discharge
6	Air Suction





3D-VIEW



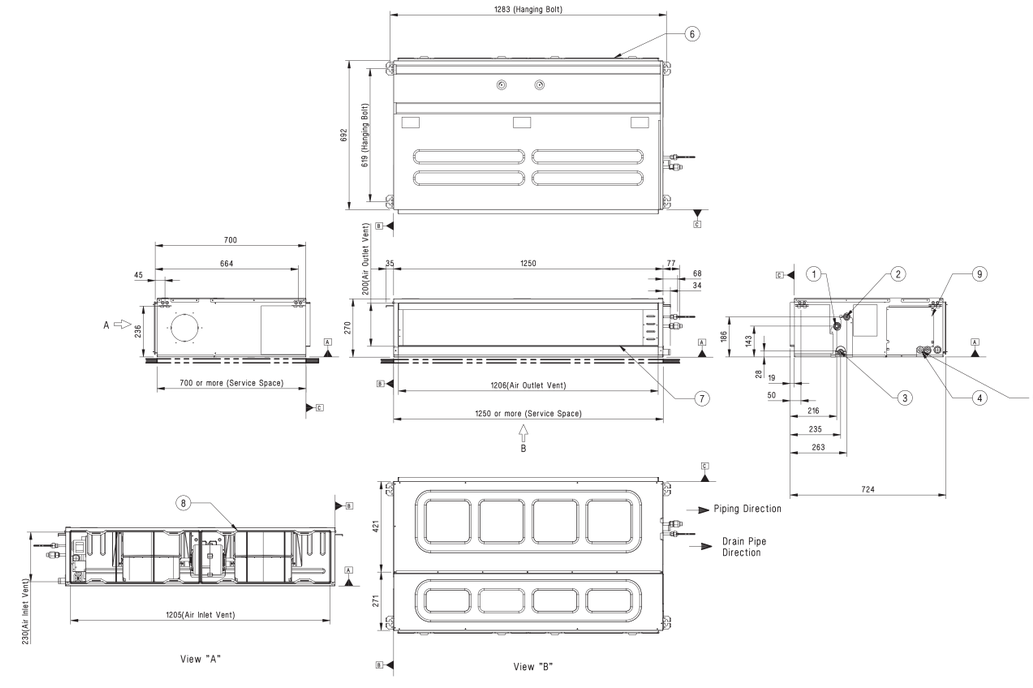
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STANDARD / COMPACT INVERTER (R32) / MID STATIC

UM36F.N21

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



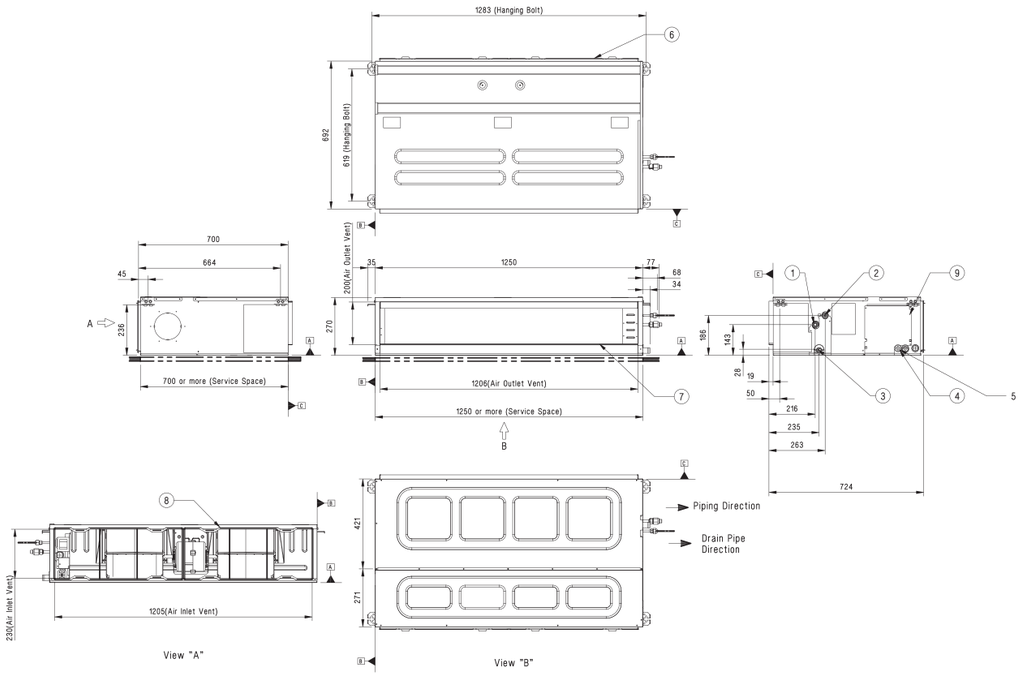
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STANDARD INVERTER (R32) / MID STATIC

UM42F.N21

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



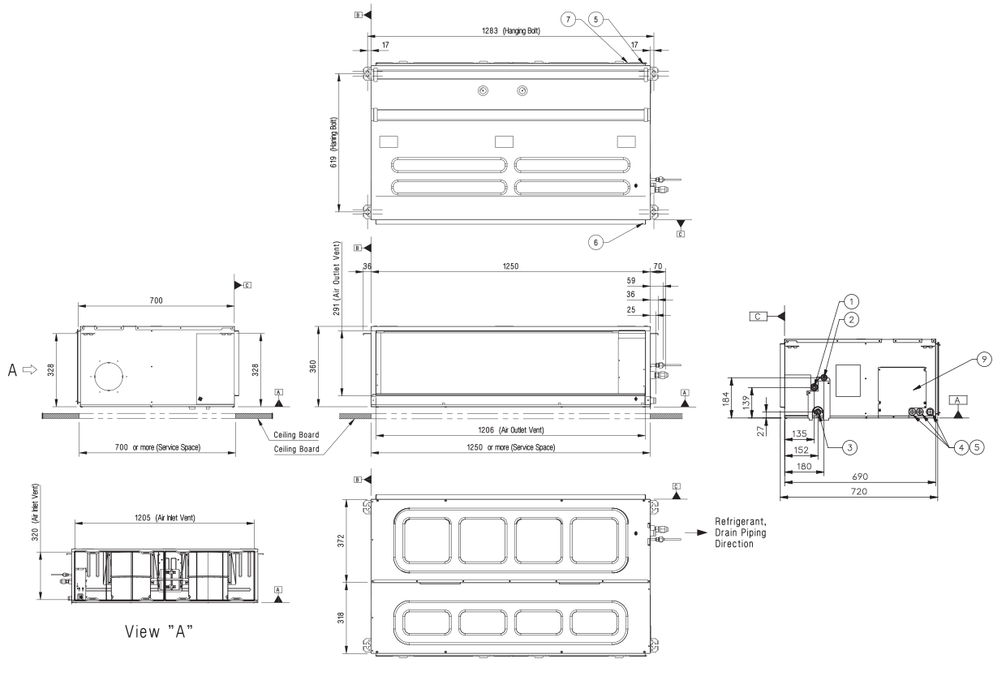
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STANDARD INVERTER (R32) / MID STATIC

UM48F.N31 / UM60F.N31

(Unit : mm)

	PART NAME
1	Gas Pipe Connection
2	Liquid Pipe Connection
3	Drain Pipe Connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover



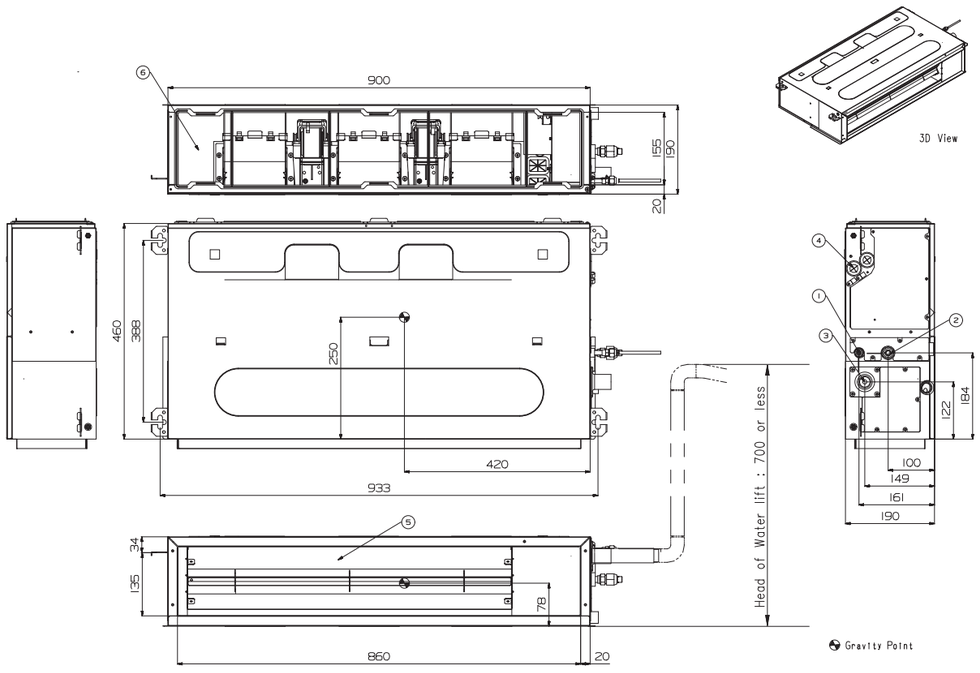
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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STANDARD INVERTER (R32) / LOW STATIC

CL09F.N50 / CL12F.N50

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction



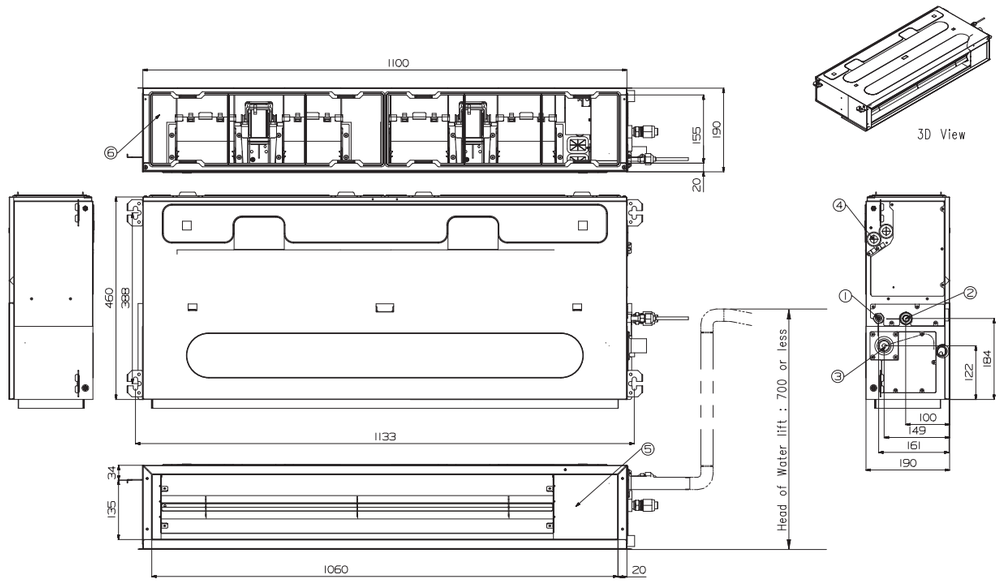
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STANDARD / COMPACT INVERTER (R32) / LOW STATIC

CL18F.N60

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction



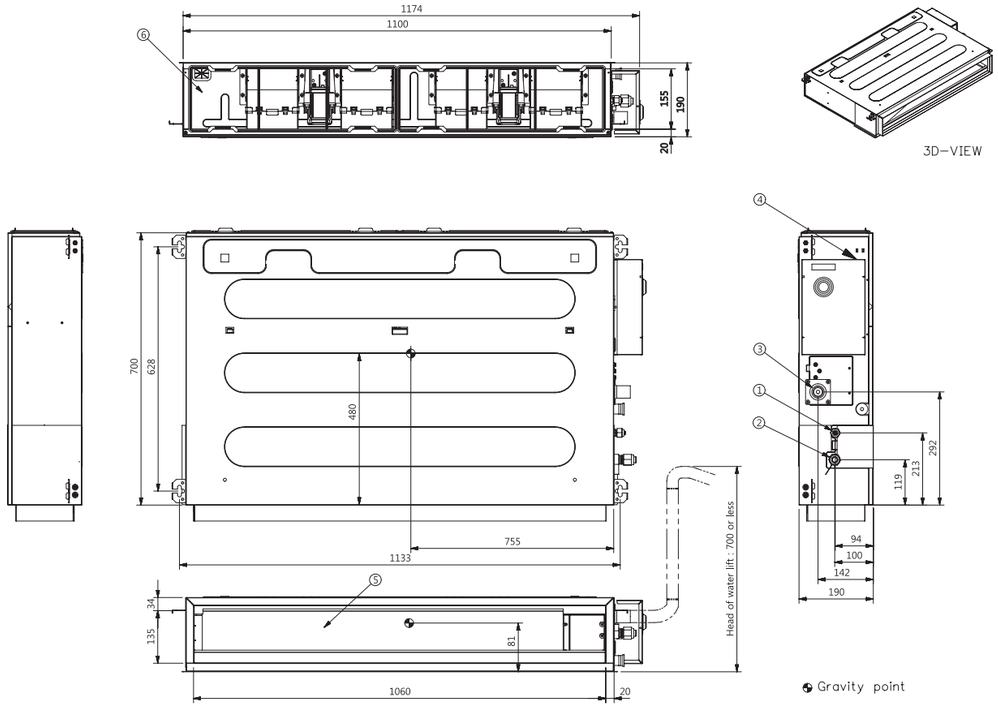
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
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STANDARD / COMPACT INVERTER (R32) / LOW STATIC

CL24F.N30

(Unit : mm)

	PART NAME
1	Liquid Pipe Connection
2	Gas Pipe Connection
3	Drain Pipe Connection
4	Power Supply Connection
5	Air Discharge
6	Air Suction



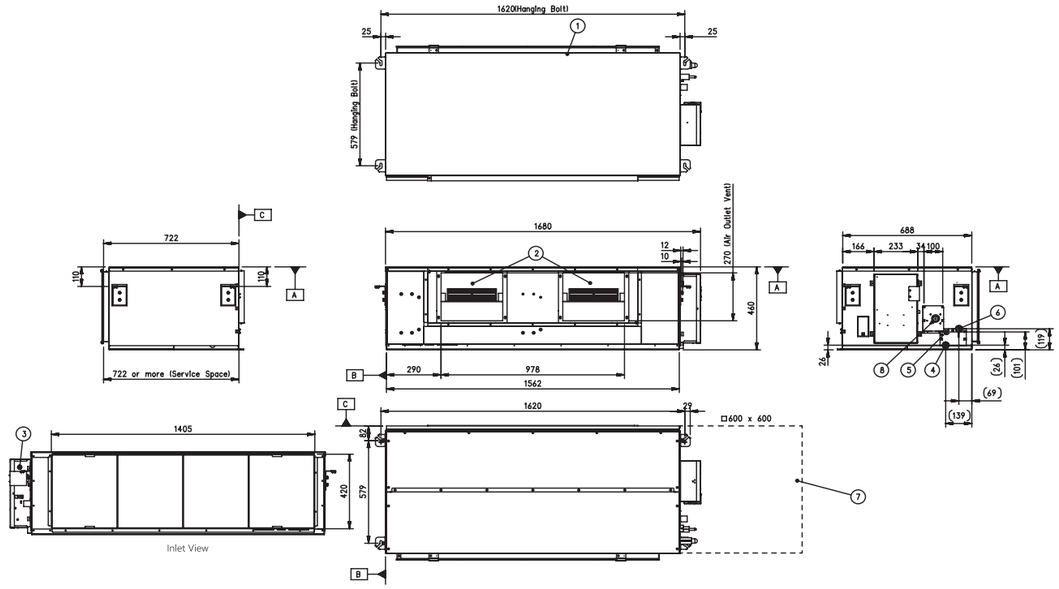
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STANDARD INVERTER (R32) / HIGH STATIC

UB200.N80 / UB250.N80

(Unit : mm)

	PART NAME
1	Air Intake
2	Air Outlet
3	Power and Communication Cable Hole & Wired Remote Controller Wire Routing Hole
4	Drain Pipe Connection
5	Liquid Pipe Connection
6	Gas Pipe Connection
7	Inspection Hole
8	Drain Pump (Accessory) Installation Hole



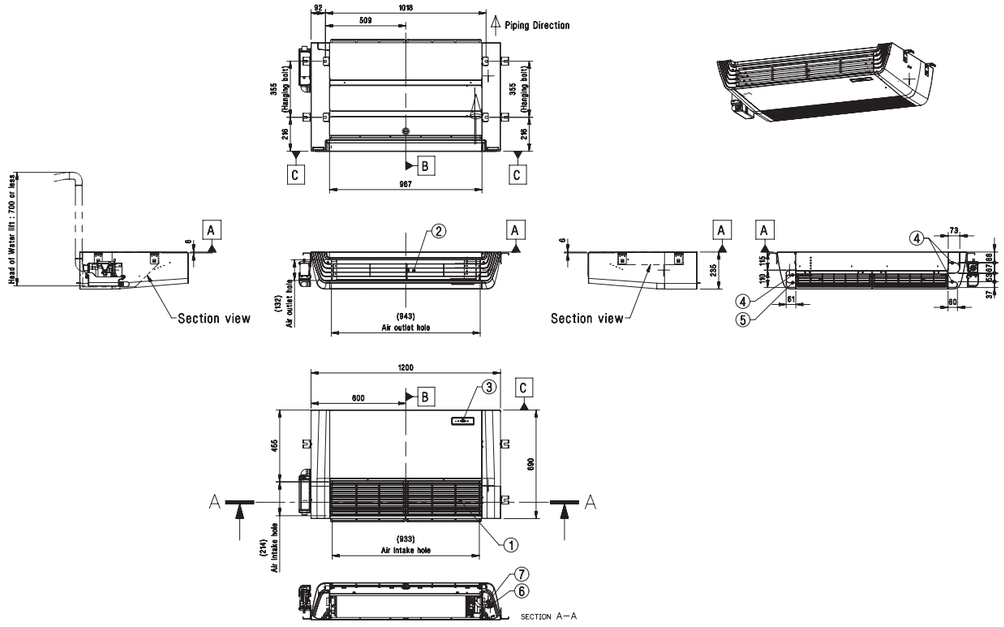
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H-INVERTER (R32)

UV18FH.N10

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection



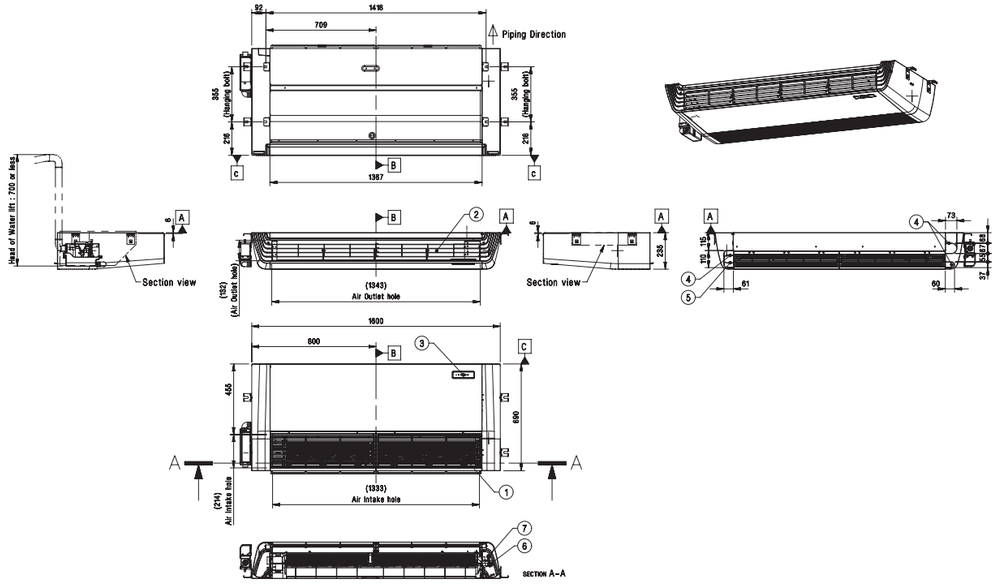
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H-INVERTER (R32)

UV24FH.N20 / UV30FH.N20 / UV36FH.N20 / UV42FH.N20

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection



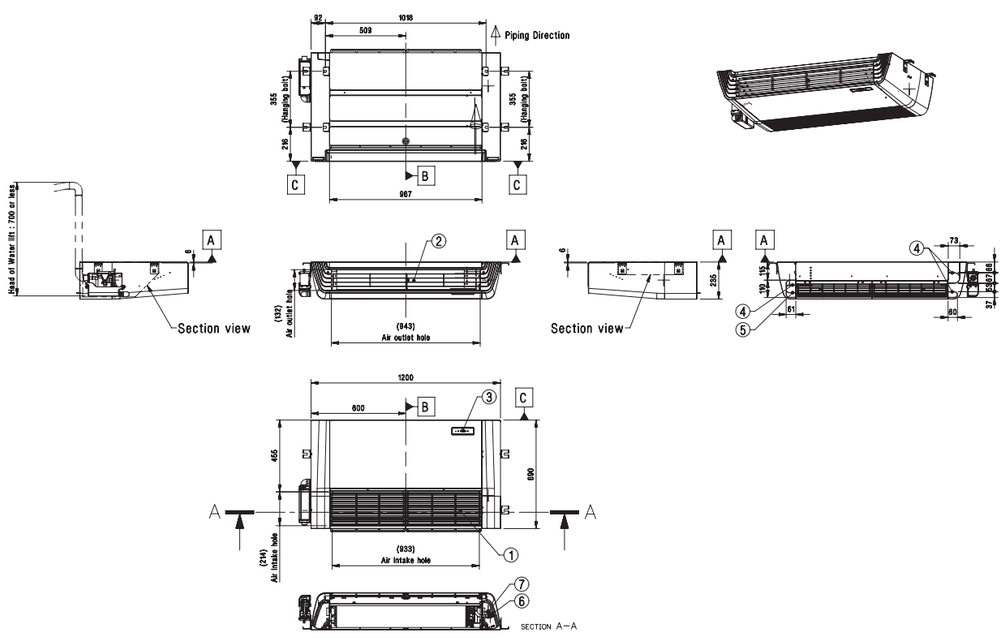
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STANDARD / COMPACT INVERTER (R32)

UV18F.N10 / UV24F.N10 / UV30F.N10

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection



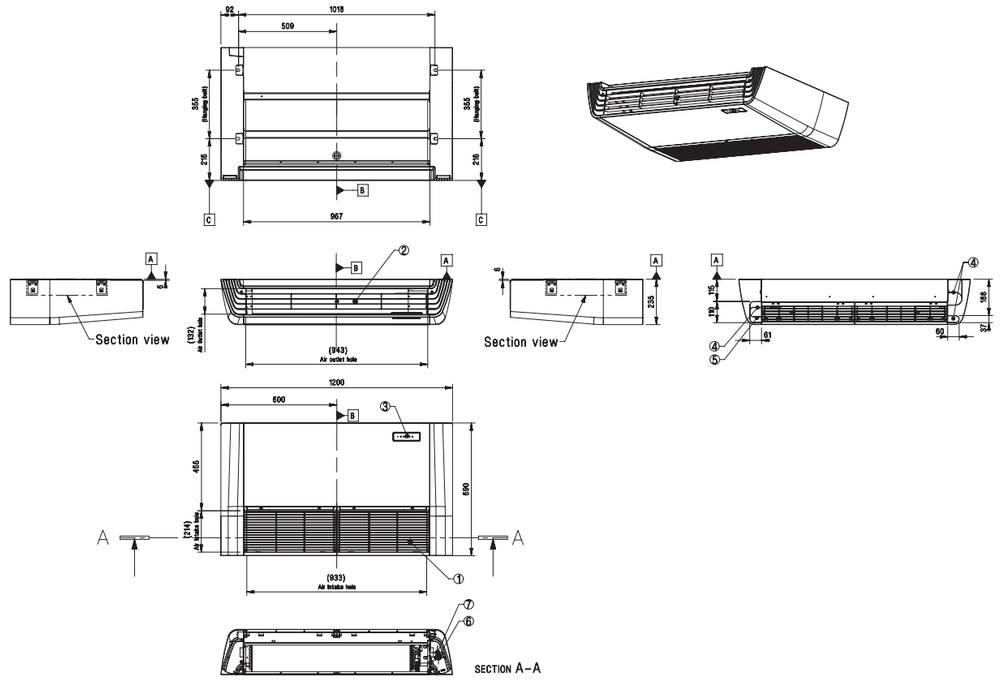
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STANDARD INVERTER (R32)

UV36F.N20 / UV42F.N20 / UV48F.N20 / UV60F.N20

(Unit : mm)

	PART NAME
1	Air Inlet
2	Air Outlet
3	Remote Controller Signal Receiver
4	Drain Hose Routing Hole
5	Refrigerant Pipe and Routing Hole
6	Gas Pipe Connection
7	Liquid Pipe Connection



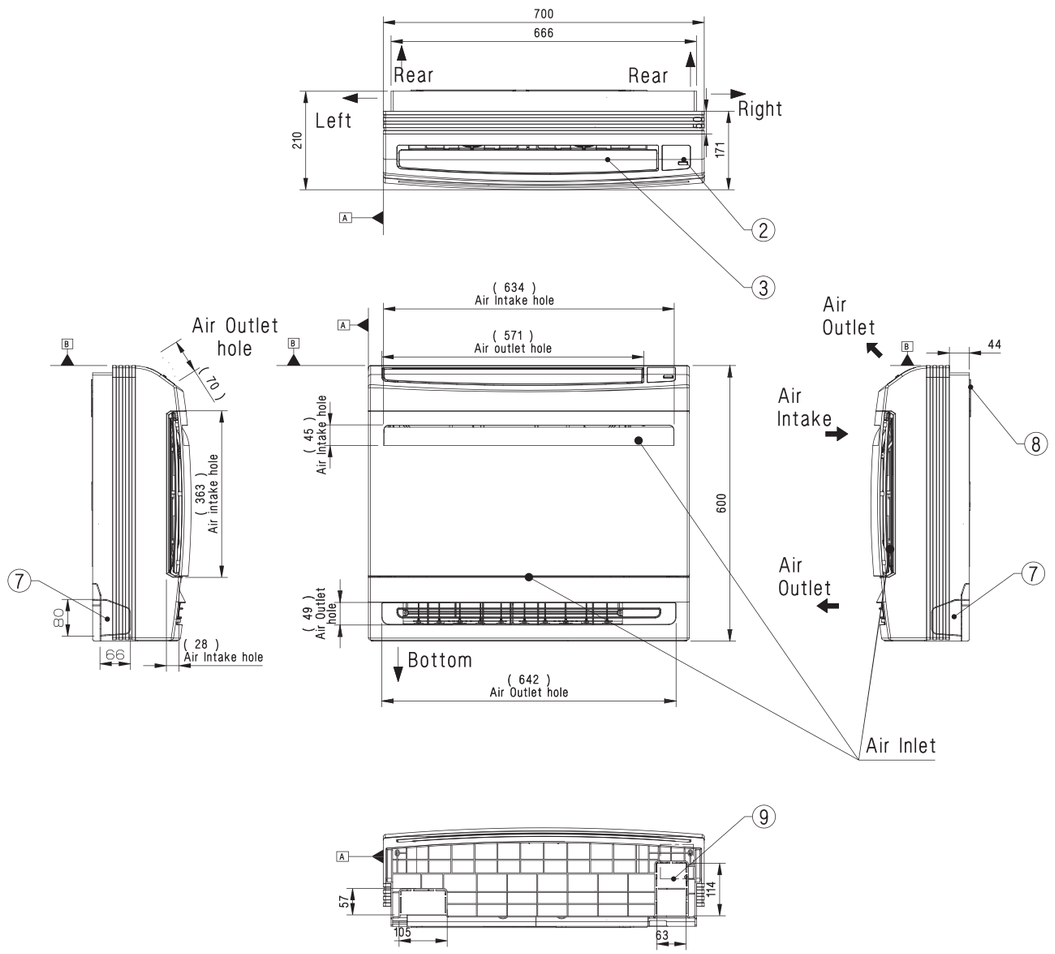
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STANDARD INVERTER (R32)

UQ09.NA0 / UQ12.NA0 / UQ18.NA0

(Unit : mm)

	PART NAME
1	Air Suction Grille
2	Remote Controller Signal Receiver
3	Air Discharge Grille
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Drain Hose Connection
7	Refrigerant / Drain Pipe & Cable Routing Hole
8	Installation Plate
9	Terminal Block for Power Supply & Communication



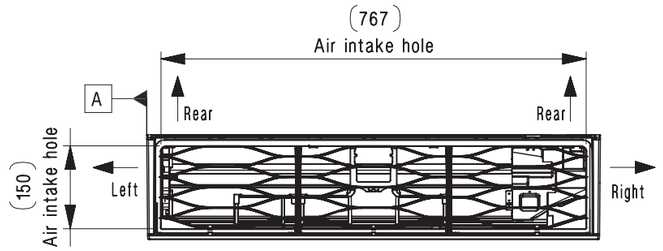
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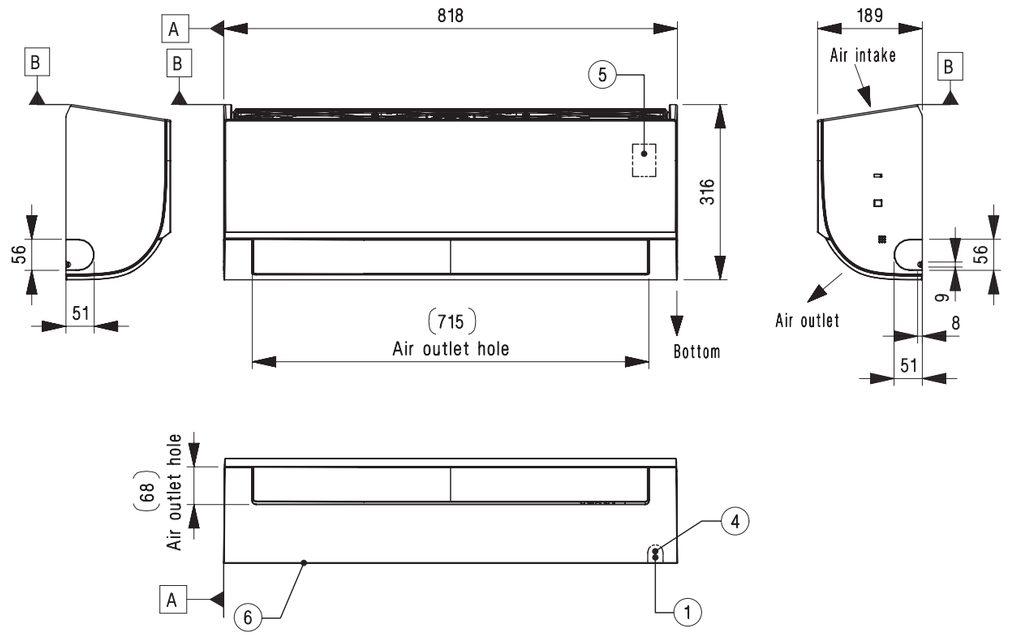
STANDARD INVERTER (R32)

MJ09PC.NSJ / MJ12PC.NSJ

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover





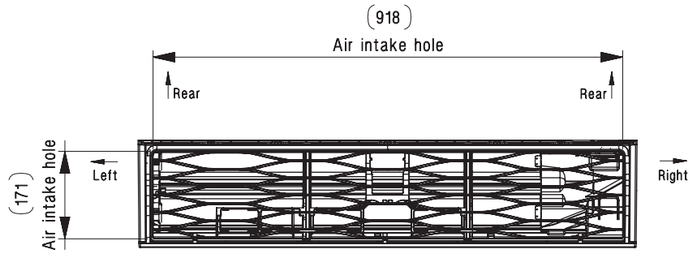
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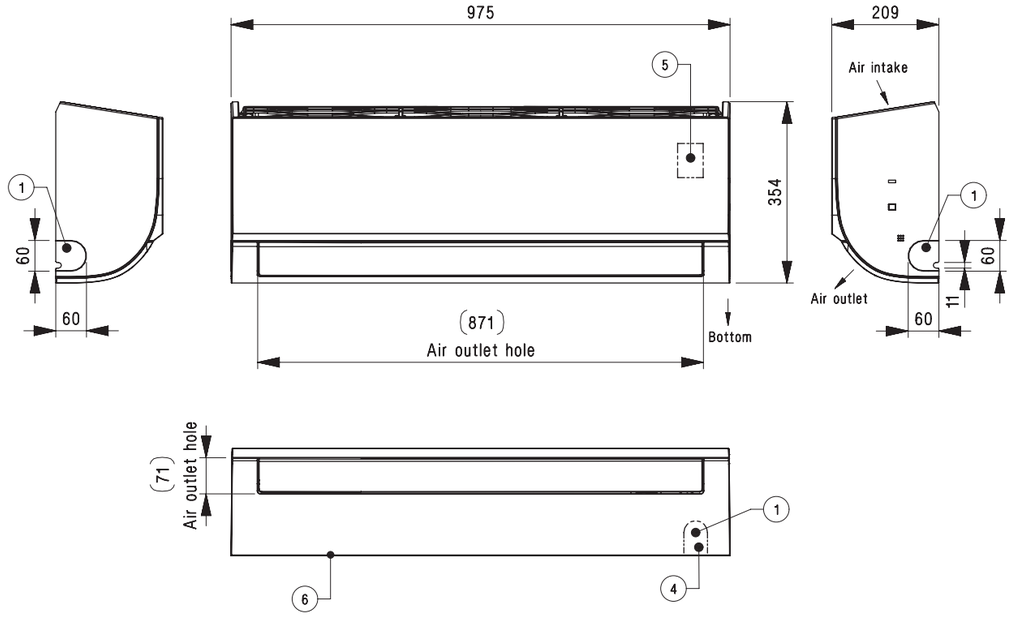
STANDARD INVERTER (R32)

MJ18PC.NSJ / MJ24PC.NSJ

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover





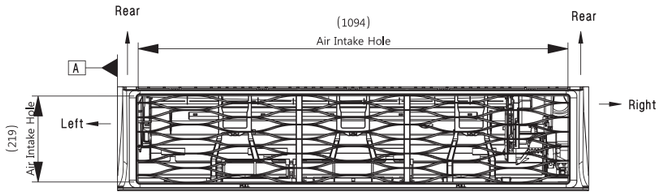
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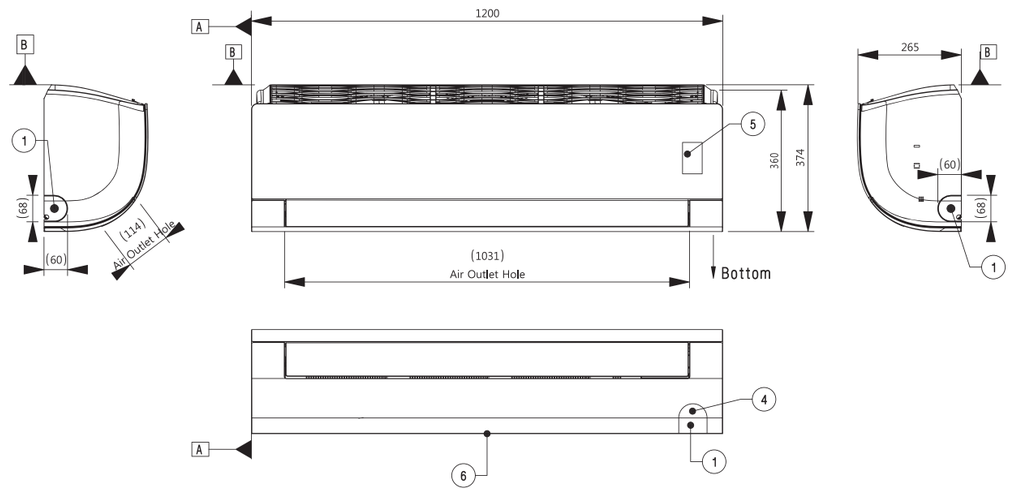
STANDARD / COMPACT INVERTER (R32)

US30F.NR0 / US36F.NR0

(Unit : mm)

	PART NAME
1	Refrigerant / Drain Pipe and Cabel Routing Hole
2	Installation Plate
3	Drain Hose Connection
4	Terminal Block for Power Supply Communication
5	Display & Remote Controller Signal Receiver
6	Decoration Cover





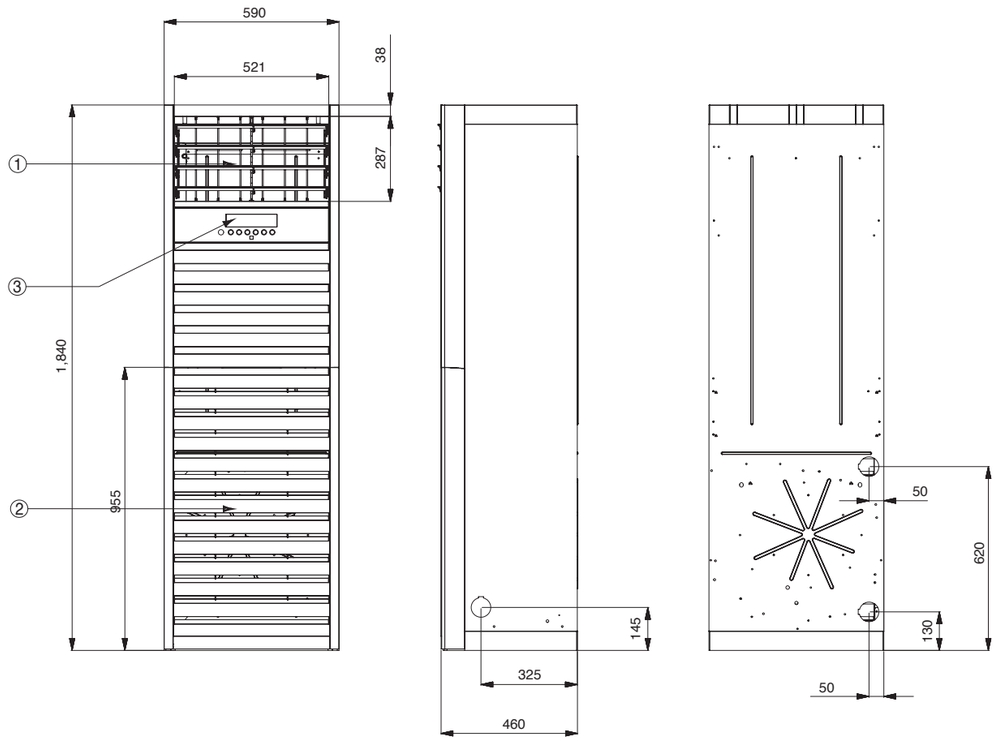
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STANDARD INVERTER (R410A)

UP48.NT2

(Unit : mm)

	PART NAME
1	Front Air Discharge Grille
2	Display & Single Receiver
3	Air Suction Grille



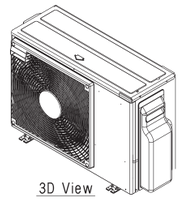
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HIGH / STANDARD / COMPACT INVERTER (R32)

UUA1.UL0

(Unit : mm)

	PART NAME
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Power and Communication Cable Routing Hole
7	Refrigerant Pipe Routing Hole
8	Handle
9	Intake Air Temperature Sensor Cover



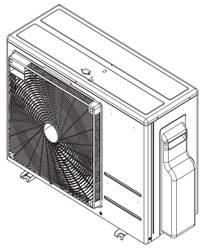
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HIGH / STANDARD / COMPACT INVERTER (R32)

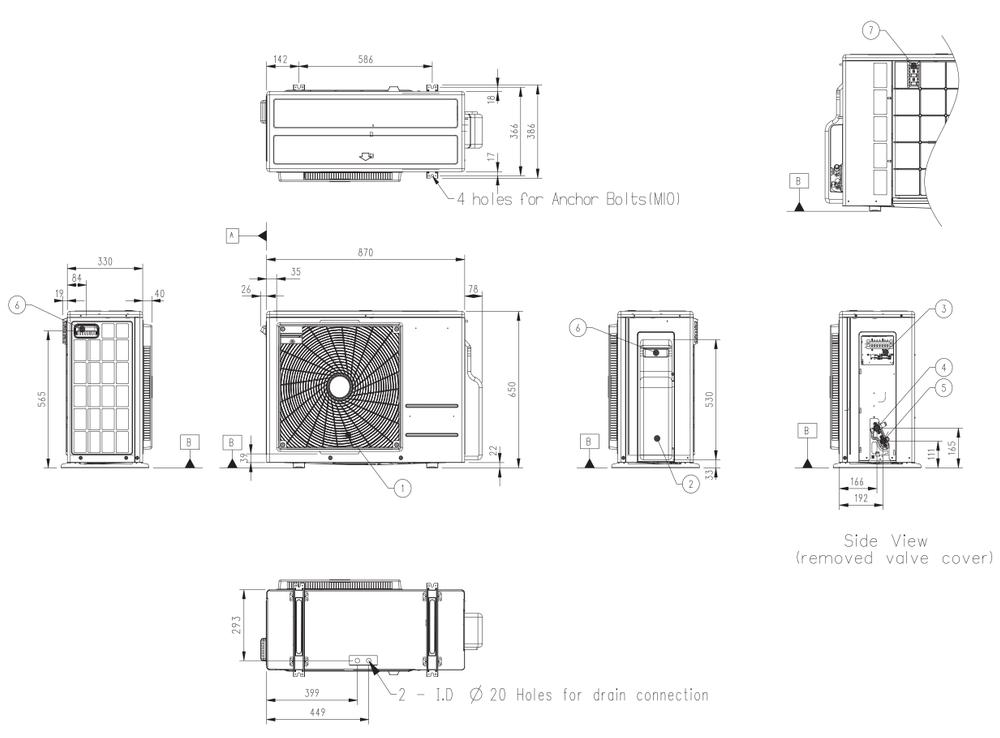
UUB1.U20

(Unit : mm)

	PART NAME
1	Air Outlet
2	Control Cover & SVC Valve Cover
3	Power and Communication Cable Connection
4	Gas Pipe Connection
5	Liquid Pipe Connection
6	Handle
7	Intake Air Temperature Sensor Cover



3D View



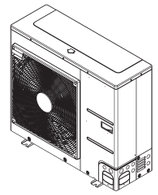
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HIGH / STANDARD / COMPACT INVERTER (R32)

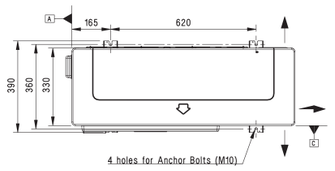
UUC1.U40

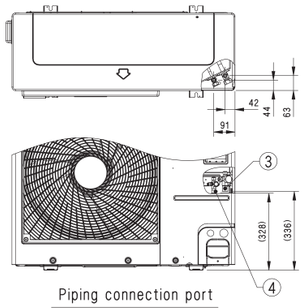
(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

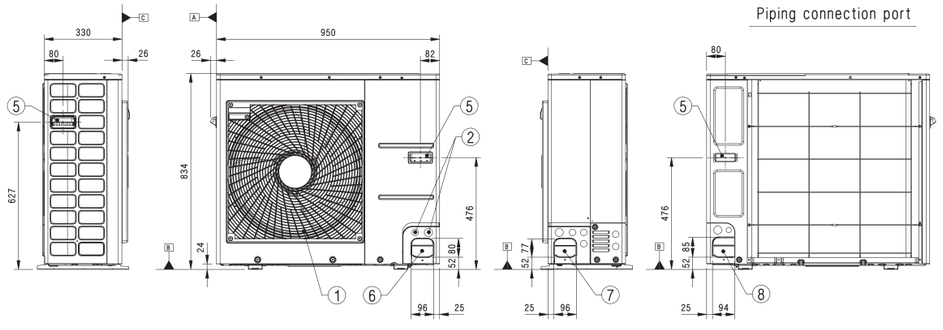


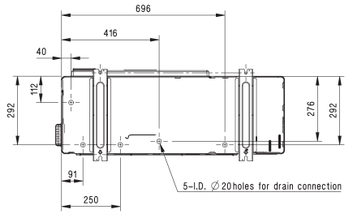
3D View





Piping connection port





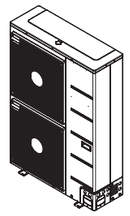
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STANDARD INVERTER (R32)

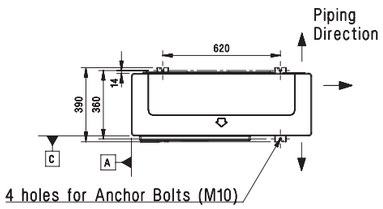
UUD1.U30 / UUD3.U30

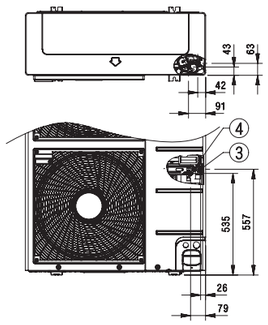
(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)

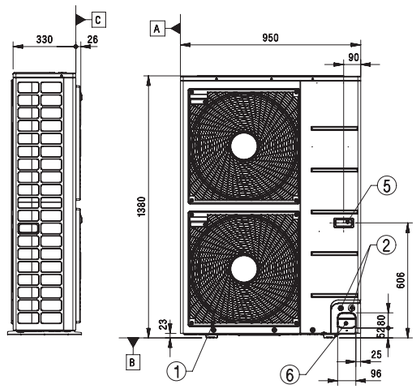


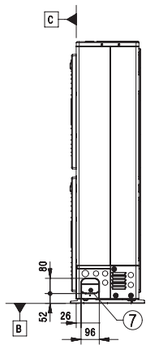
3D View

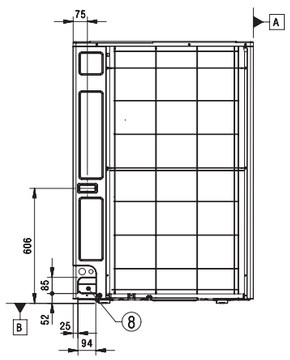


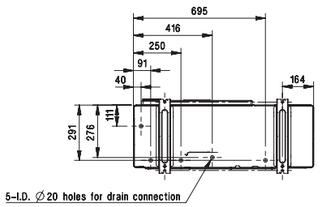


Piping connection port









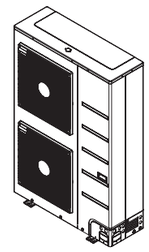
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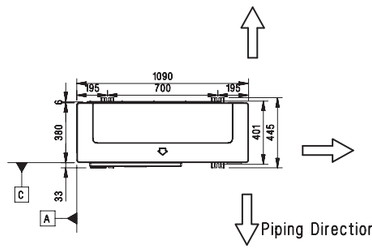
STANDARD INVERTER (R32)

UU200W.U60A0 / UU250W.U80A0

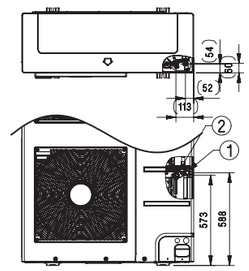
(Unit : mm)

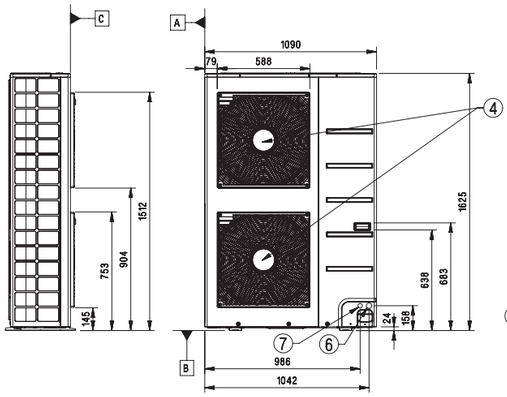
	PART NAME
1	Gas Piping Connection
2	Liquid Piping Connection
3	Air Inlet
4	Air Outlet
5	Drain Hole (Ø 20)
6	Power and Communication Cable Hole (Ø 35)
7	Power and Communication Cable Hole (Ø 28)
8	Power and Communication Cable Hole (Ø 22)

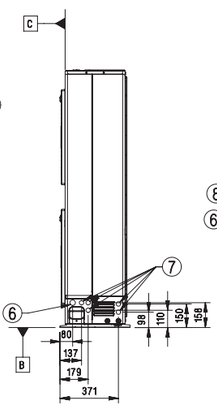


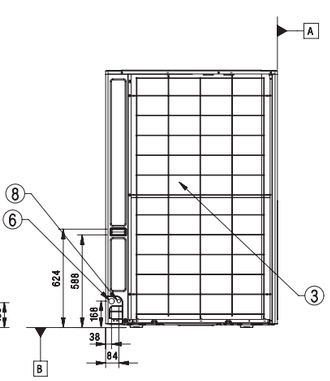


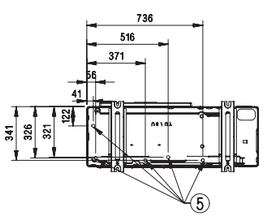
Piping Direction











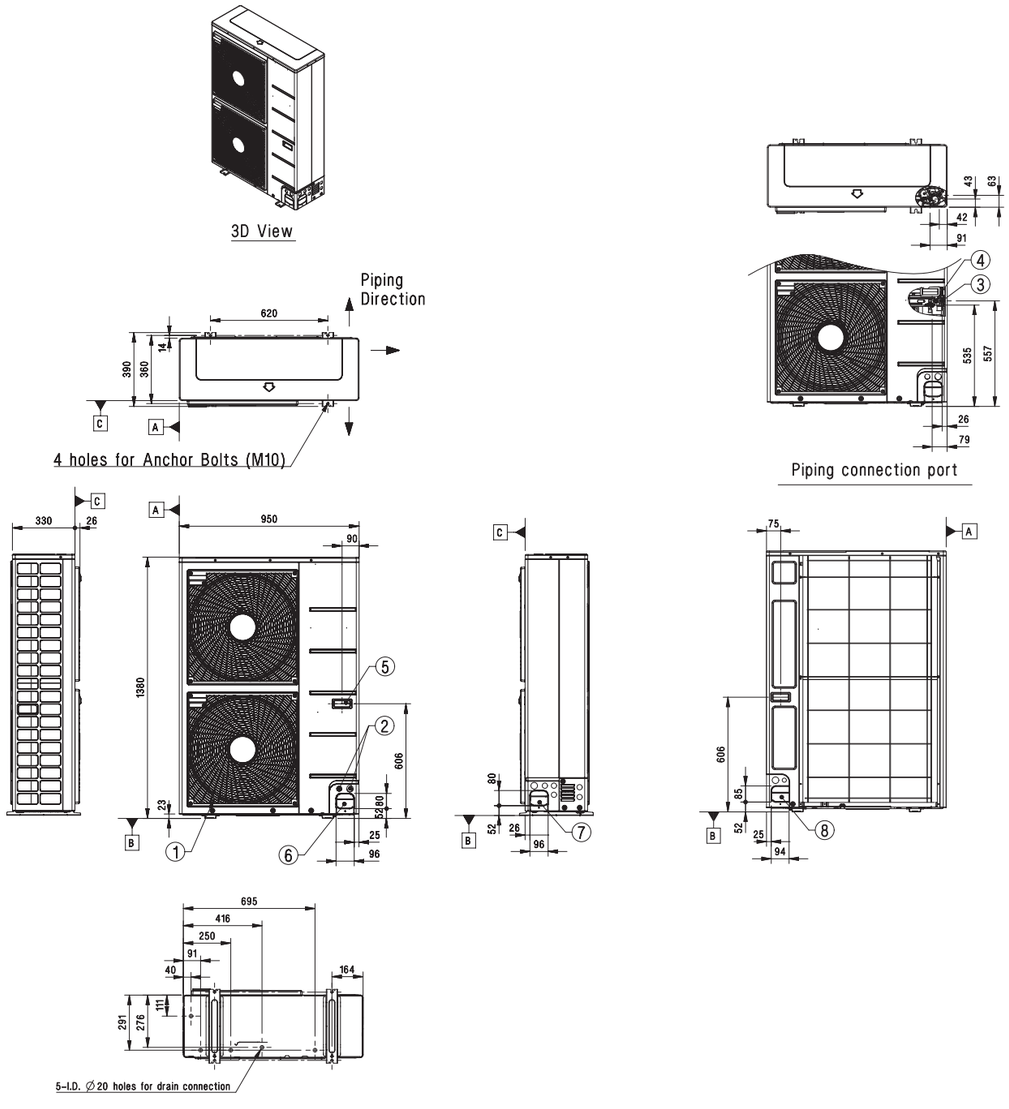
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R410A)

UU48W.U32 / UU49W.U32

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)



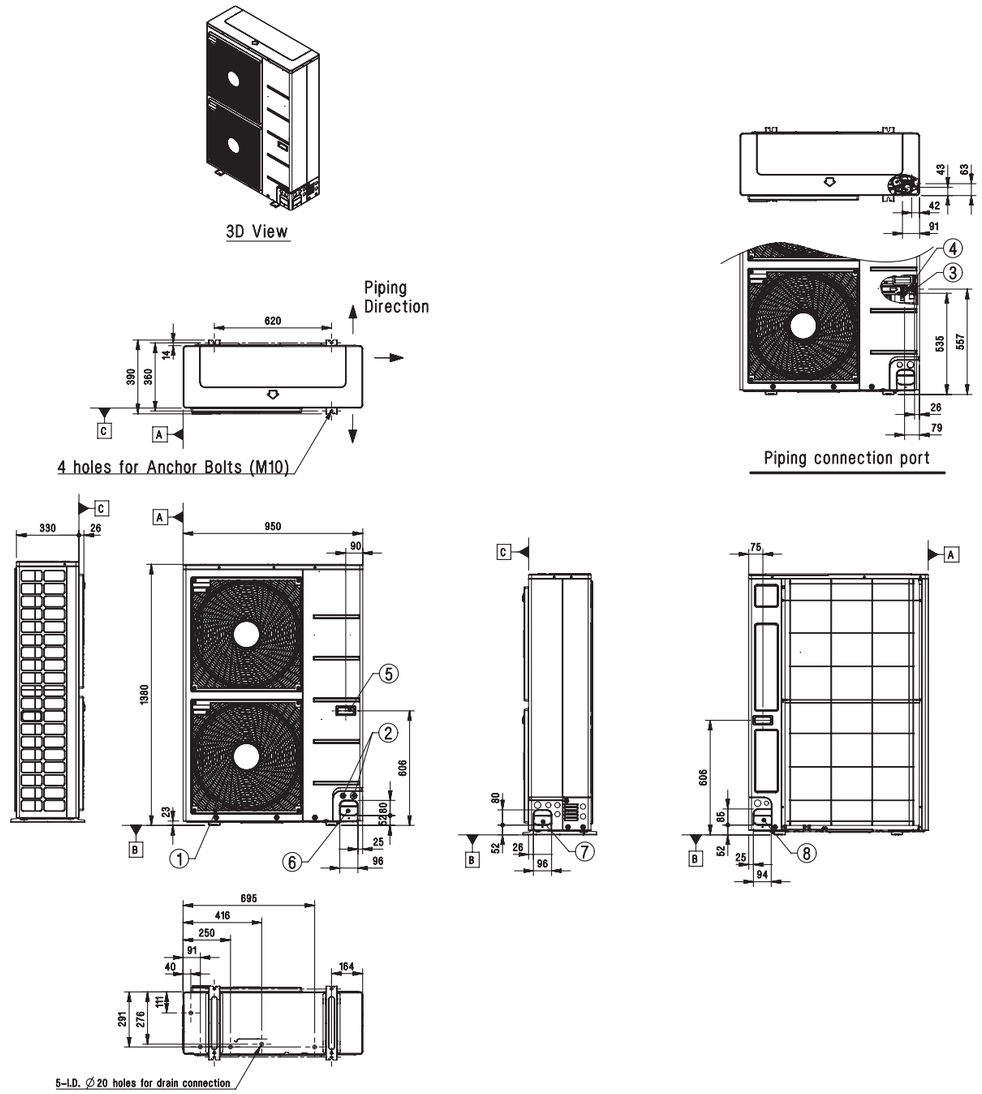
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R410A)

UU70W.U34

(Unit : mm)

	PART NAME
1	Air Outlet
2	Power and Communication Cable Hole
3	Gas Pipe Connection
4	Liquid Pipe Connection
5	Handle
6	Pipe Routing Hole (Front)
7	Pipe Routing Hole (Side)
8	Pipe Routing Hole (Back)



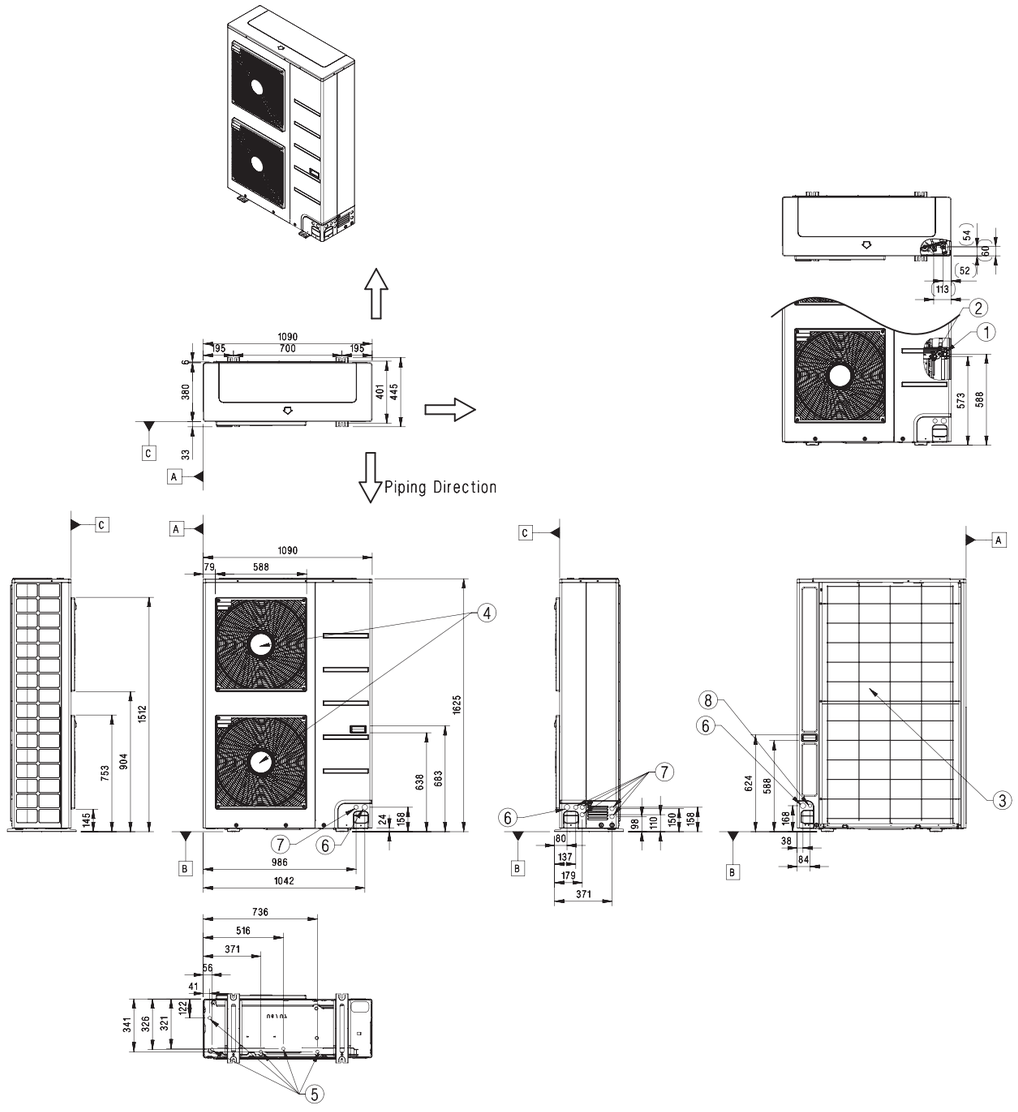
※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

STANDARD INVERTER (R410A)

UU85W.U74

(Unit : mm)

	PART NAME
1	Gas Piping Connection
2	Liquid Piping Connection
3	Air Inlet
4	Air Outlet
5	Drain Hole 22
6	Power and communication Cable Hole
7	Power and communication Cable Hole
8	Power and communication Cable Hole



※ Based on our policy for the products improvements, specification, design and features are subject to change without any prior notice.
※ Specifications may vary by each model or IDU / ODU combination.

NOTE





CHILLER 368





INVERTER SCROLL CHILLER

RT		17	20	23	33	40	45	50	60	67
Model Name		KCHH017LDGC	KCHH020LDGC	KCHH023LDGC	KCHH033LDGC	KCHH040LDGC	KCHH045LDGC	KCHH050LDGC	KCHH060LDGC	KCHH067LDGC
Capacity (kW)	Cooling	57 (16.2)	65 (18.5)	74 (21.0)	114 (32.4)	130 (37.0)	148 (42.1)	171 (48.6)	195 (55.4)	222 (63.1)
	Heating	60	70	82	120	140	164	180	210	246
Unit		1 Unit			2 Unit			3 Unit		
Range of Unit Control		10 Chillers (up to **2,460* kW**) by ACP (Advanced Control Platform)								
		5 Chillers (up to **1,230* kW**) by AC Smart								
		5 Chillers (Up to 1,230* kW) by HMI Touch controller								

Note
- Central controller ACP and AC Smart are options, each requiring a separate purchase

* Refer to a heating capacity

FCU

(kW)* / (kBtu/h)		1.8 / 6k	2.7 / 9k	3.2 / 11k	4.1 / 14k	6 / 20k	7.2 / 24k	9 / 30k	10.5 / 36k	13 / 44k
Ceiling Mounted Cassette	4 Way Cassette	●	●	●	●	●	●	●	●	●
	Body Size (W x H x D, mm)	570 x 214 x 570			570 x 256 x 570	840 x 204 x 840		840 x 246 x 840		
	Front Panel*	PT-QCHW0 PT-QAGW0				PT-AAGW0 PT-AFGW0 PT-AEGW0				
	Panel Size (W x H x D, mm)	620 x 34 x 620				950 x 35 x 950				

* Panels are available only for FCU

(kW)* / (kBtu/h)	1.2 / 5k	1.8 / 6k	2.5 / 9k	3.2 / 11k	3.9 / 13k	5.5 / 17k	6.6 / 23k
Ceiling Conecealed Low Static Duct	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
Body Size (W x H x D, mm)	700 x 190 x 700		900 x 190 x 700		1,100 x 190 x 700		

(kW)* / (kBtu/h)	5.6 / 19k	6.6 / 23k	9.0 / 31k	10.0 / 34k	10.9 / 37k	12.7 / 37k	14.0 / 43k
Ceiling Conecealed Middle Static Duct	●	●	●	●	●	●	●
	●	●	●	●	●	●	●
Body Size (W x H x D, mm)	900 x 270 x 700		1,250 x 270 x 700		1,250 x 360 x 700		

※ All lineups are for 2 pipes type only.
* Based on Cooling Capacity. Cooling Capacity testing condition : Inlet/Outlet Water Temperature 7°C / 12°C, Indoor Air Temperature 27°CDB / 19°CWB

Accessories & Parts for Water Pipes Connection

Remote Controller	Dry Contact	ETC.	Not Offered by LG and to be Purchased Separately	
			Parts for Water Pipes Connection	Installation Parts
Premium PREMTA000 (A/B)	PDRYCB000 (Simple)	**Remote Temperature Sensor** PQRSTA0	**Rubber Packing** (4EA, OD23 x ID15 x t3.2)	**Ball Valve** (2EA, FPT ¾", 20A)
Standard III [1] PREMTB101 (White) PREMTBB11 (Black)	PDRYCB400 (2 points)	**Wi-Fi Modem** PWFMDD200	**Flexible Pipe** (2EA, FPF ¾", 350mm/500mm Ordered Specification)	**Nipple** (2EA, MPT ¾", MPF ¾")
Standard II PREMTB001 (White) PREMTBB01 (Black)	PDRYCB320 (for Thermostat)	**Multi-tenant Power Module** PINPMB001	**Nipple** (2EA, MPT ¾", MPF ¾")	**Strainer** (1EA, FPF ¾", #30)
Simple PQRCVCL0Q (W)		**Group Control Wire** PZCWRCG3	**2 Way Valve** (On/Off, 2-wires or 3-wires)	**Water Pipe** (2EA, 20A, Copper or Stainless Tube)
Wireless Remote Controller PWLSSB21H/C (Heat Pump / Cooling Only)		**2-Remo. Control Wire** PZCWRC2	**Valve insulation Material** (1EA)	
		Extension Wire PZCWRC1		
		Drain Hose [3] (1EA, 5m)		

1) It could not be operated some functions.
2) The dry contact for Modbus is built-in to the FCU as default.
3) Included with installation parts

INVERTER SCROLL CHILLER



ULTIMATE INVERTER COMPRESSOR

As the core technology of the air conditioning system, the Ultimate Inverter Compressor of MULTI V 5 boasts its ultimate efficiency and durability, designed based on the unique technology and innovation of LG HVAC.

All Inverter

Provide high efficiency with low vibration and low noise

Six By-pass Valves

Prevent compressor damage due to excessively compressed refrigerant more efficiently than 4 by-pass valves

01. Vapor Injection

Wide operating range via two-stage compression

02. Enhanced Bearing with PEEK Material

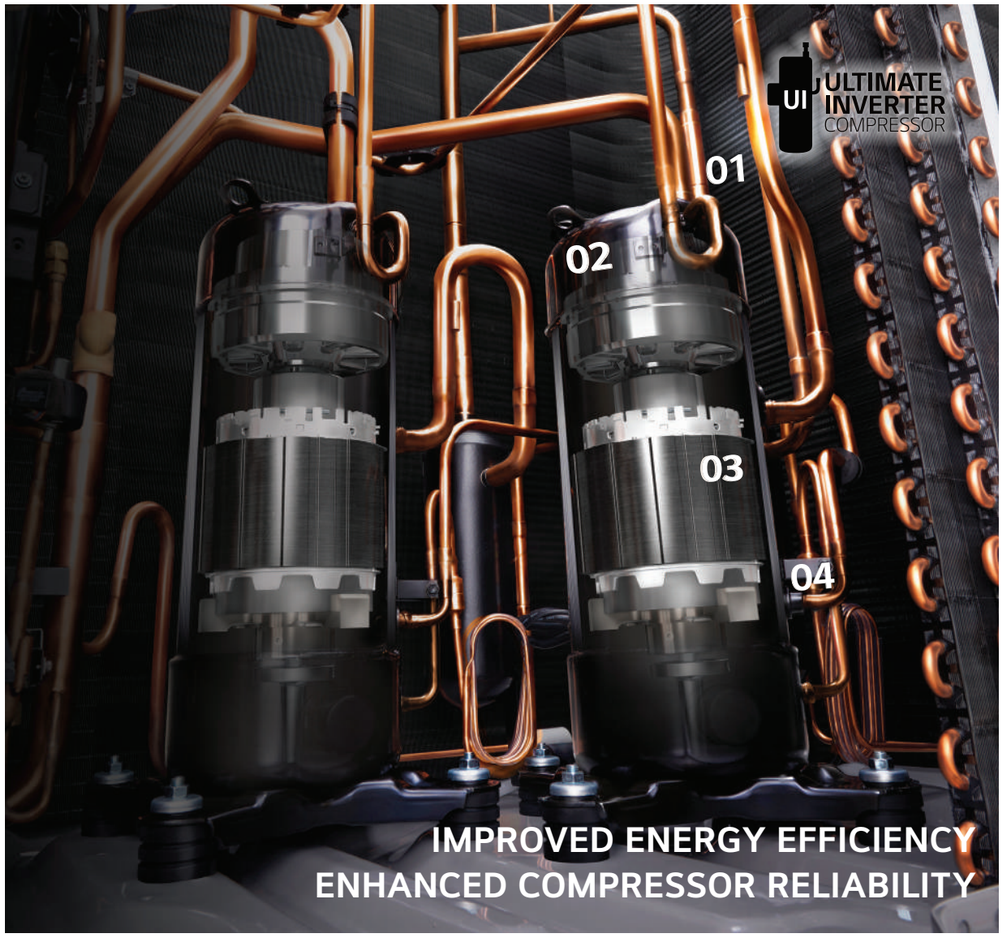
Newly invented system motivated by PEEK (Polyetheretherketone) bearing used for aero engine to increase operation range and durability

03. Wide Operation Range from 30 to 120 Hz

Improved part load efficiency at all operation ranges

04. HiPOR™ (High Pressure Oil Return)

Resolve compressor efficiency loss caused by oil return



Smart Farm

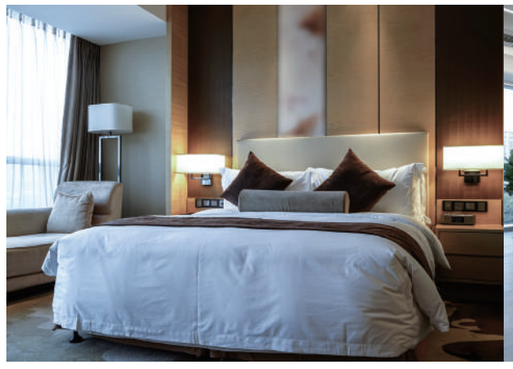


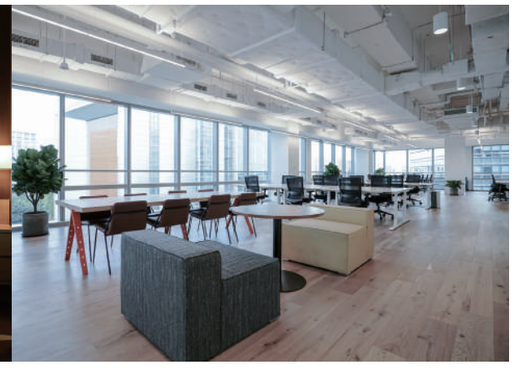
Small Industry (Process Water)





Hotel / Office



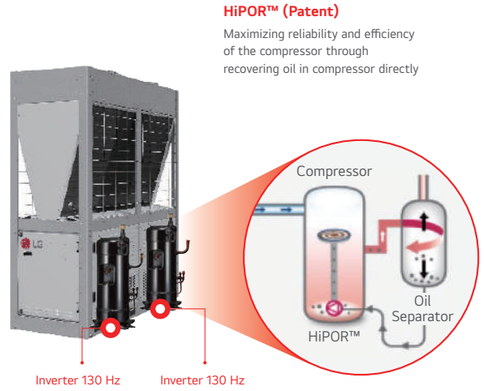


All Inverter Scroll Compressor

All inverter scroll compressor with HiPOR™ (Patent) is applied to improve full load and part load energy efficiency.

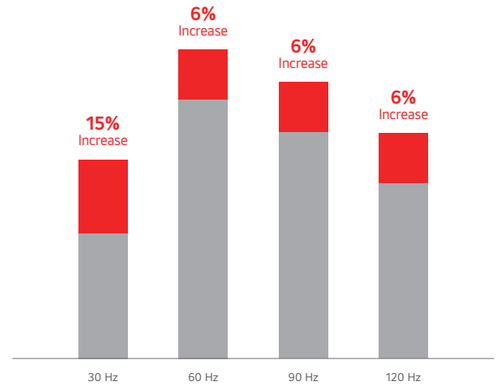
All Inverter System

Wide operation frequency range 30 ~ 130Hz



Compressor Efficiency

Compressor efficiency by Hz is increased through HiPOR™ application

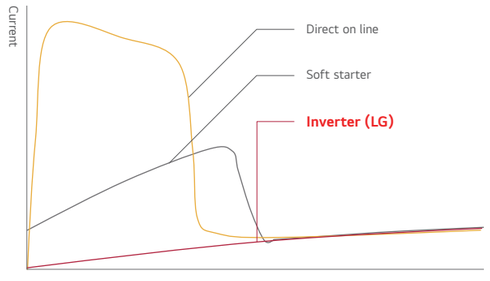


※ Test condition at Tc=54.4°C, Te=7.2°C

Inverter Comp. vs Constant Speed Comp.

Inverter compressor is more stable and efficient solution than Constant speed compressor.

Comparison of Starting Type



Compressor	Starting type	Starting current (Is / FLA*, %)
Constant speed	Direct on line	About 650%
	Soft starter	200 ~ 350%
Inverter (LG)	Inverter	No inrush current

* FLA : Full load ampere

Inverter's Feature & Benefits

When starting

Reduce starting torque below full load torque
➔ **Mechanical wear↓**

Decrease starting current under FLA
➔ **Less burden to motor**

When operating

Low electric loss due to high value of the power factor**
➔ **Energy efficient**

Low power input in part load
➔ **High SEER**

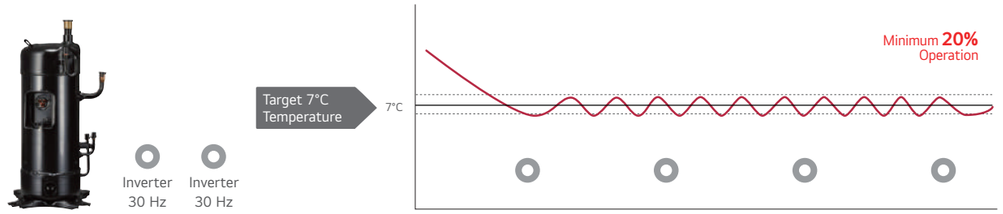
Continuously adjust compressor output according to the load (Compressor 15~125Hz)
➔ **Save energy**

** Power factor : Ratio between active power(kW) and total power(kVA)

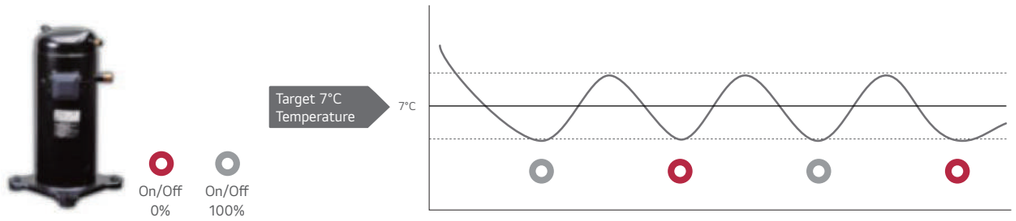
Lower Load Operation

20% part load operation and minimized water outlet temperature haunting with Inverter scroll compressor.

LG Inverter Scroll Compressor



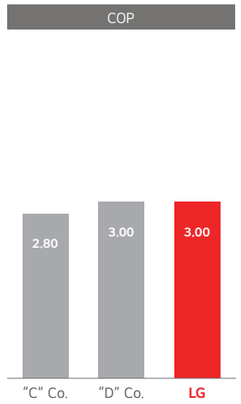
Normal On/Off Multi Compressor System

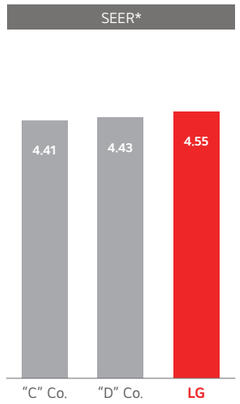


High Energy Efficiency

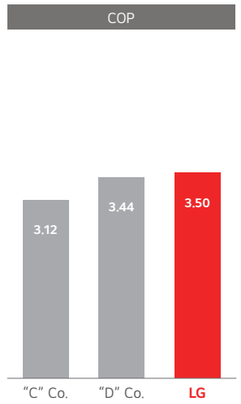
All-Inverter compressors with MULTI V technologies improve energy efficiency.

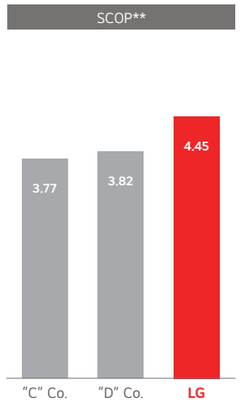
Cooling Efficiency





Heating Performance





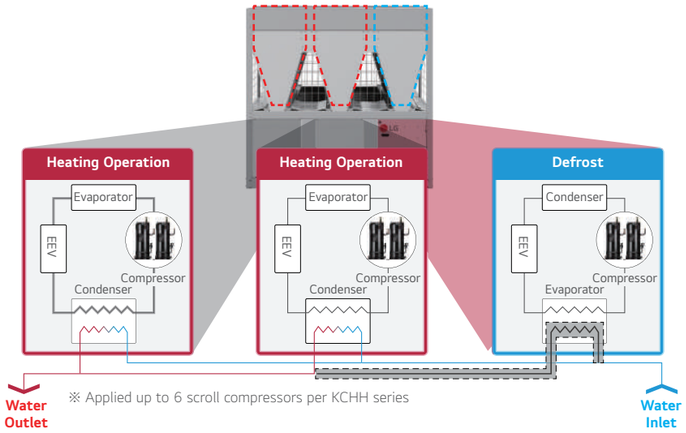
EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

※ KCHH060LDGC model comparison
* SEER : Seasonal energy efficiency ratio
** SCOP : Seasonal coefficient of performance (Average, LT)

Continuous Heating Operation

Continuous heating minimizes the decrease of water outlet temperature during defrosting for multi circuit model.

Multi cycle can defrost each cycle individually to supply hot water continuously multi cycle.

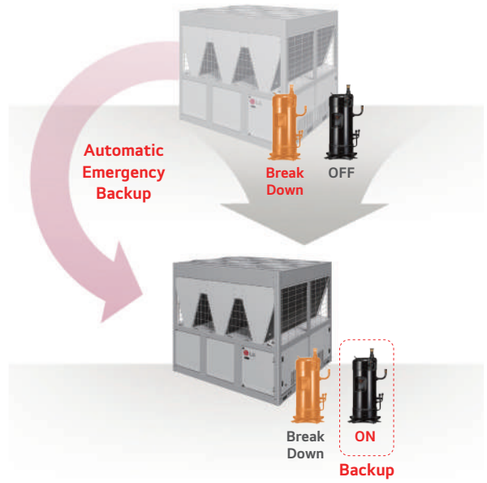


* Applied up to 6 scroll compressors per refrigerator

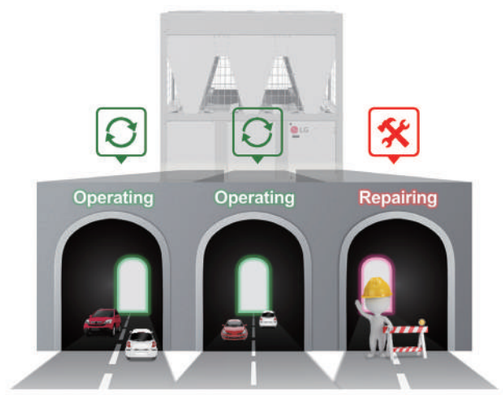
Back Up Operation

If one compressor or one cycle needs to be repaired, backup operation helps the whole system to operate continuously.

Compressor Back Up



Cycle Back Up



Corrosion Resistance (Black Fin)

'Black Fin' heat exchanger is highly corrosion resistant, designed to perform in corrosive environments such as contaminated and humid condition.



Black Box Function

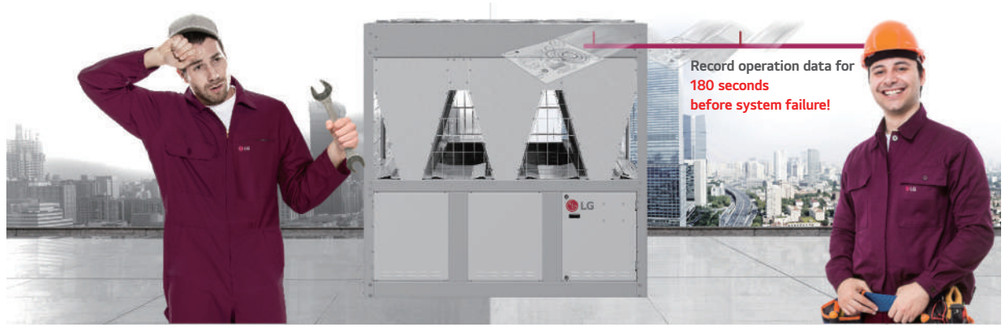
Quick service can be done because operation data can be saved for 180 seconds before system failure.

Without Black Box Function
Check many failure causes and error codes in person

Take much service time and undergo trial and error

With Black Box Function
Search for the failure cause conveniently using recorded data

Save service time and diagnose it more accurately



Compact Size

Compact size reduces concern about installation and service space.



Low Noise Level

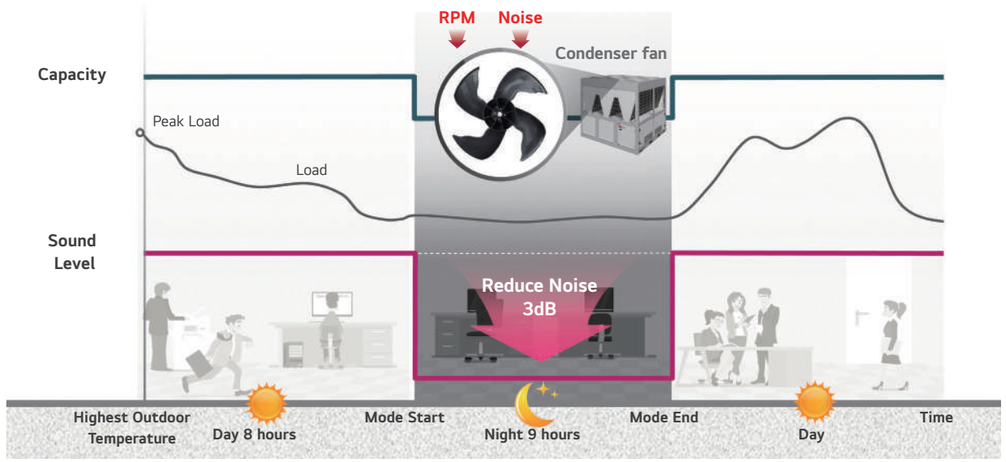
Lower noise can reduce noise pollution and provide a quieter environment.

Noise Comparison



Night Silent Operation

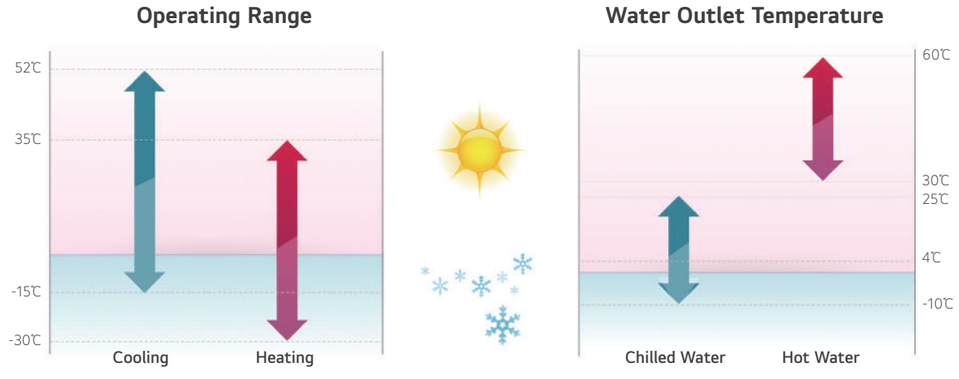
Night low noise function can reduce noise levels at night time by adjusting the fan RPM.



※ This function requires DIP switch setting. For more details, please refer to installation and owners manual.
※ Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Results may vary depending on environment.
※ If chiller RPM is changed, the cooling capacity may be reduced.

Wider Operation Range

ISC R32 can supply wider range of water temperature. Chilled water temperature become -10 ~ 25℃ and hot water temperature range become 30 ~ 60℃.



※ 4 ~ -10℃ : Low Temperature Function with Anti-freeze
(Ethylene Glycol : More than 30%, Propylene Glycol More than 35%)

KCHH017LDGC / KCHH020LDGC
KCHH023LDGC / KCHH033LDGC




R32

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

LG participates in the ECP programme for EUROVENT LCP-HP program. Check ongoing validity of certification : www.eurovent-certification.com

Heat Pump Model

CATEGORY		UNITS	KCHH017LDGC	KCHH020LDGC	KCHH023LDGC	KCHH033LDGC
Power Supply	Case 1	V, Phase, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
	Limit Range of Voltage	V	323 ~ 477	323 ~ 477	323 ~ 477	323 ~ 477
	Case 2	V, Phase, Hz	380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
	Limit Range of Voltage	V	342 ~ 418	342 ~ 418	342 ~ 418	342 ~ 418
Capacity	Cooling	kW	57.00	65.00	74.00	114.0
	Heating	kW	60.00	70.00	82.00	120.0
Power Input	Cooling	kW	18.39	21.67	26.43	36.77
	Heating	kW	16.67	20.00	24.12	33.33
Efficiency	Cooling	W/W	3.10	3.00	2.80	3.10
	Heating	W/W	3.60	3.50	3.40	3.60
SEER		W/W	4.70	4.55	4.40	4.70
SCOP (Average, LT)		W/W	4.45	4.45	4.45	4.45
SCOP (Average, MT)		W/W	3.25	3.25	3.25	3.25
Sound Pressure Levels (Cooling)		dB(A)	67.0	67.0	68.0	68.0
Sound Power Levels (Cooling)		dB(A)	84.0	86.0	87.0	87.0
Compressor	Type	-	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll
	No. of Compressor	EA	2	2	2	4
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc x No.	1,200 x 2	1,200 x 2	1,200 x 2	1,200 x 4
Refrigerant	Type	-	R32	R32	R32	R32
	Amount of Charged	kg x No.	4.7 x 2	4.7 x 2	4.7 x 2	4.7 x 4
	GWP	-	675	675	675	675
	$t\text{-}CO_2eq$	-	6.345	6.345	6.345	12.69
Evaporator	Type	-	Plate	Plate	Plate	Plate
	Pressure drop	kPa	18.7	21.5	28.7	18.7
	Operating Maximum pressure (Refrigerant / Water)	kg/cm^2	42 / 10	42 / 10	42 / 10	42 / 10
	Water Flow Rate Standard (Cooling / Heating)	LPM	163 / 171	186 / 200	211 / 235	327 / 345
	Water Flow Rate Min. (Cooling / Heating)	LPM	73 / 80	73 / 80	73 / 80	146 / 160
	Inlet /Outlet diameter (Water pipe)	mm	50 A / 50 A	50 A / 50 A	50 A / 50 A	65 A / 65 A
Fan motor	Type	-	BLDC	BLDC	BLDC	BLDC
	No. of Fan	EA	2	2	2	4
	No. of Vanes	EA	6	6	6	6
	Air Flow Rate	CMM	246 x 2	246 x 2	246 x 2	246 x 4
	Motor power	kW x No.	1.5 x 2	1.5 x 2	1.5 x 2	1.5 x 4
Weight		kg	521	521	521	972
Dimension	W	mm	765	765	765	1,528
	H	mm	2,210	2,210	2,210	2,210
	D	mm	2,154	2,154	2,154	2,154
Remote Control		-	Modbus	Modbus	Modbus	Modbus
Guaranteed Load Capacity Range		-	20% ~ 100%	20% ~ 100%	20% ~ 100%	20% ~ 100%

Note
1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especiall the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured ISO 9614:2009 by sound intensity method. Therefore, these values can be increased owing to ambient conditions during operation.
4. Performances are based on the following conditions: Capacities and inputs are based on the following conditions
   • Cooling: Outdoor air temp. 35℃, Water inlet temp. 12℃, Water Outlet temp. 7℃
   • Heating: Outdoor air temp. 7℃, Water inlet temp. 40℃, Water Outlet temp. 45℃

KCHH040LDGC / KCHH045LDGC / KCHH050LDGC / KCHH060LDGC / KCHH067LDGC





R32

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Heat Pump Model

CATEGORY		UNITS	KCHH040LDGC	KCHH045LDGC	KCHH050LDGC	KCHH060LDGC	KCHH067LDGC
Power Supply	Case 1	V, Phase, Hz	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
	Limit Range of Voltage	V	323 ~ 477	323 ~ 477	323 ~ 477	323 ~ 477	323 ~ 477
	Case 2	V, Phase, Hz	380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60	380, 3, 60
	Limit Range of Voltage	V	342 ~ 418	342 ~ 418	342 ~ 418	342 ~ 418	342 ~ 418
Capacity	Cooling	kW	130.0	148.0	171.0	195.0	222.0
	Heating	kW	140.0	164.0	180.0	210.0	246.0
Power Input	Cooling	kW	43.33	52.87	55.16	65.00	79.30
	Heating	kW	40.00	48.24	50.00	60.00	72.40
Efficiency	Cooling	W/W	3.00	2.80	3.10	3.00	2.80
	Heating	W/W	3.50	3.40	3.60	3.50	3.40
SEER		W/W	4.55	4.40	4.70	4.55	4.40
SCOP (Average, LT)		W/W	4.45	4.45	4.45	4.45	4.45
SCOP (Average, MT)		W/W	3.25	3.25	3.25	3.25	3.25
Sound Pressure Levels (Cooling)		dB(A)	68.0	68.0	68.0	68.0	68.0
Sound Power Levels (Cooling)		dB(A)	90.0	91.0	88.0	91.0	92.0
Compressor	Type	-	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll	Inverter Scroll
	No. of Compressor	EA	4	4	6	6	6
	Oil Type	-	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Oil Charge	cc x No.	1,200 x 4	1,200 x 4	1,200 x 6	1,200 x 6	1,200 x 6
Refrigerant	Type	-	R32	R32	R32	R32	R32
	Amount of Charged	kg x No.	4.7 x 4	4.7 x 4	4.7 x 6	4.7 x 6	4.7 x 6
	GWP	-	675	675	675	675	675
	t-CO_2eq	-	12.69	12.69	19.035	19.035	19.035
Evaporator	Type	-	Plate	Plate	Plate	Plate	Plate
	Pressure drop	kPa	21.5	28.7	18.7	21.5	28.7
	Operating Maximum pressure (Refrigerant / Water)	kg/cm²	42 / 10	42 / 10	42 / 10	42 / 10	42 / 10
	Water Flow Rate Standard (Cooling / Heating)	LPM	372 / 400	411 / 470	491 / 518	558 / 600	617 / 705
	Water Flow Rate Min. (Cooling / Heating)	LPM	146 / 160	146 / 160	219 / 240	219 / 240	219 / 240
	Inlet /Outlet diameter (Water pipe)	mm	65 A / 65 A	65 A / 65 A	65 A / 65 A	65 A / 65 A	65 A / 65 A
Fan motor	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC
	No. of Fan	EA	4	4	6	6	6
	No. of Vanes	EA	6	6	6	6	6
	Air Flow Rate	CMM	246 x 4	246 x 4	246 x 6	246 x 6	246 x 6
	Motor power	kW x No.	1.5 x 4	1.5 x 4	1.5x 6	1.5x 6	1.5x 6
Weight		kg	972	972	1,422	1,422	1,422
Dimension	W	mm	1,528	1,528	2,291	2,291	2,291
	H	mm	2,210	2,210	2,210	2,210	2,210
	D	mm	2,154	2,154	2,154	2,154	2,154
Remote Control		-	Modbus	Modbus	Modbus	Modbus	Modbus
Guaranteed Load Capacity Range		-	20% ~ 100%	20% ~ 100%	20% ~ 100%	20% ~ 100%	20% ~ 100%

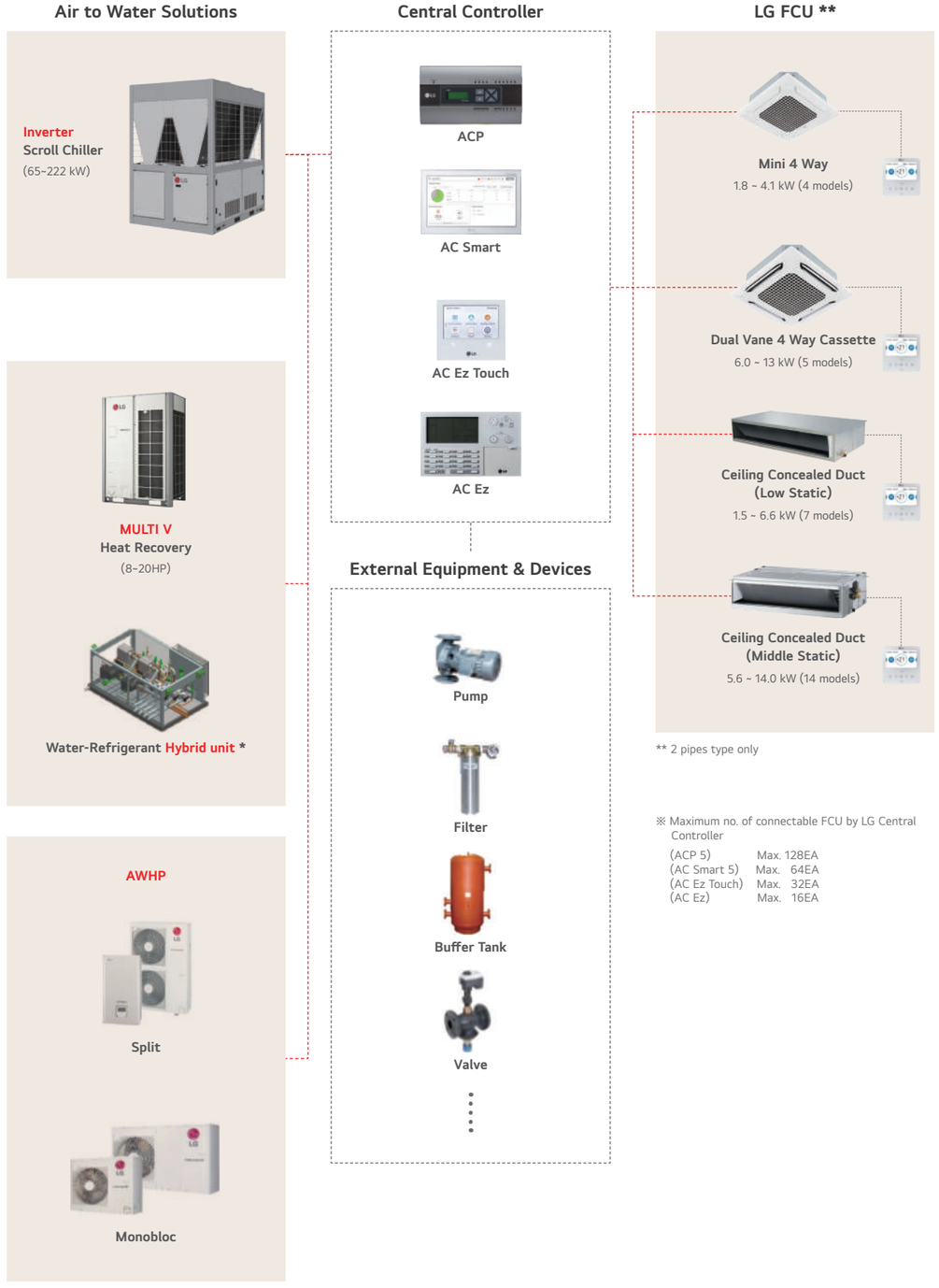
Note
1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especiall the power cable and circuit breaker should be selected in accordance with that.
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured ISO 9614:2009 by sound intensity method. Therefore, these values can be increased owing to ambient conditions during operation.
4. Performances are based on the following conditions: Capacities and inputs are based on the following conditions
   • Cooling: Outdoor air temp. 35℃, Water inlet temp. 12℃, Water Outlet temp. 7℃
   • Heating: Outdoor air temp. 7℃, Water inlet temp. 40℃, Water Outlet temp. 45℃

FCU



Fan Coil Unit

FCU can be applied to various solutions using water. It allows not only to control equipment individually by using the remote controller, but also apply integrated control including control of some external equipment and devices through the central controller.



** 2 pipes type only

※ Maximum no. of connectable FCU by LG Central Controller

(ACP 5)	Max. 128EA
(AC Smart 5)	Max. 64EA
(AC Ez Touch)	Max. 32EA
(AC Ez)	Max. 16EA

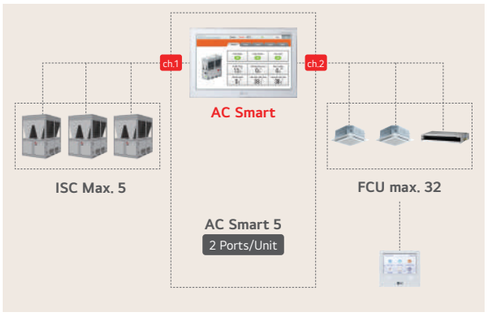
Interlocking Control

It allows Interlocking control between FCU and Inverter Scroll Chiller (ISC) by using LG central controller such as ACP, ACS.
When FCU is being turned on/off, ISC turns on/off automatically by LG central controller.

What are the Benefits?

The Total Cost (Equipment + installation + BMS) is greatly reduced. It eliminated the hassle of turning on the ISC first.



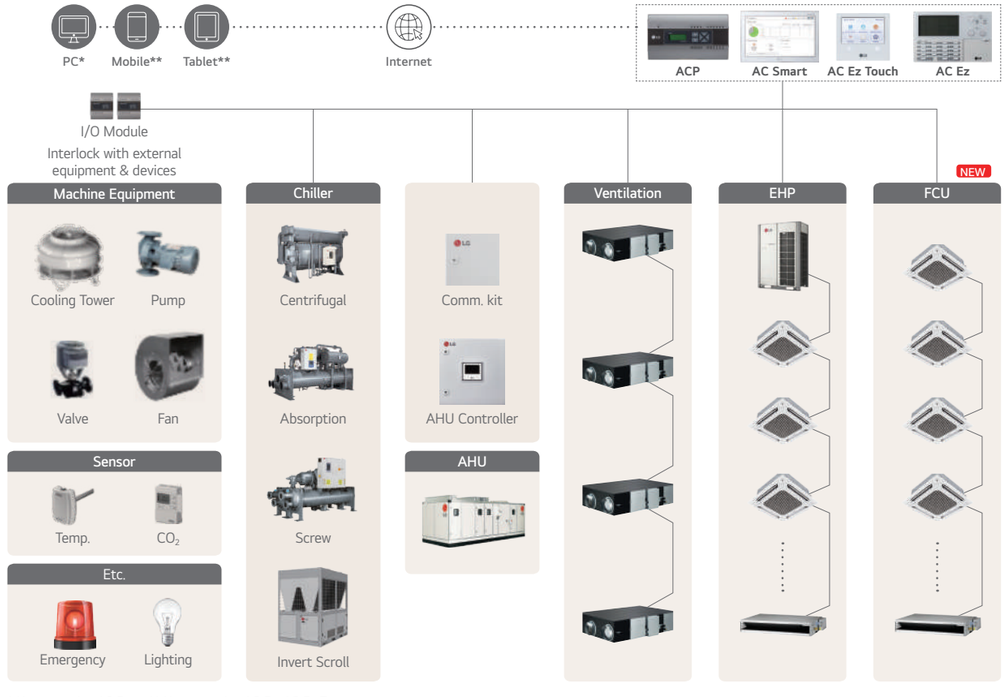


Central Controller

LG's central controller allows control of various external equipment and devices in addition to LG's equipment. (FCU, Chiller, EHP, etc.)

What are the Benefits?

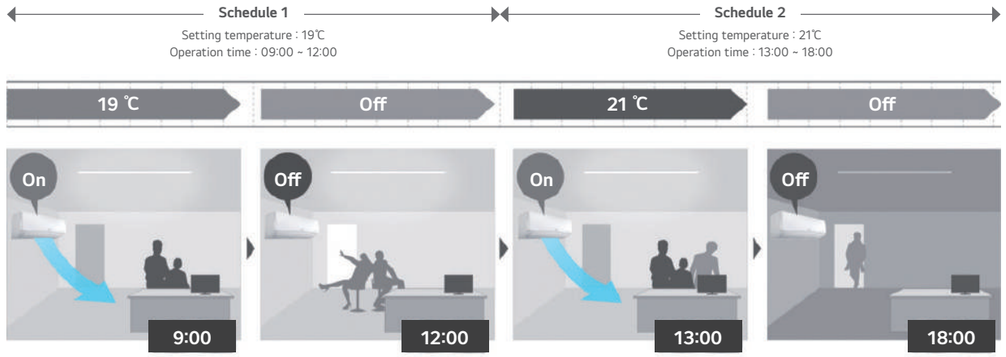
Integrated control of the system can be realized conveniently through the LG central controller. (FCU + Chiller + EHP + ... + External Equipment & Devices)



* Unable to link AC Ez ** Unable to link AC Ez, AC Ez Touch

Scheduled Operation

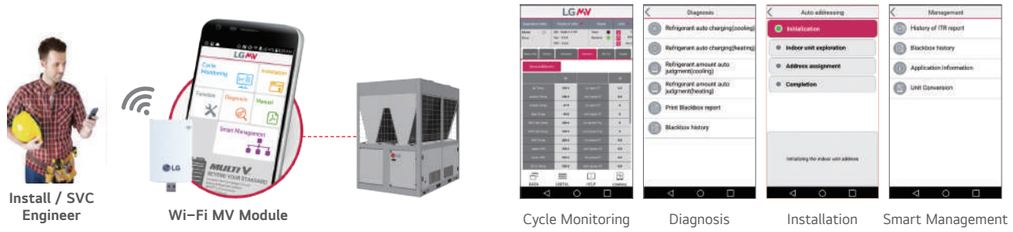
You can set 2 schedules for one day, and up to 14 schedules for a week.



※ This function is for wired remote controller only.
※ Wired remote controller is need to be separately purchased.

Easy Control (Simple Test Run via LGMV)

LGMV (Monitoring View) helps engineers to inspect and monitor LG's air conditioning unit easily.



※ Search "Mobile LGMV" on Google market or App store then download the app.
※ Wi-Fi modem (PWFMDD200) is required by option.

Group Control with One Remote Controller

Up to 16 FCU's can be controlled with one wired remote controller. It can reduce installation costs and keep the wall interior clean.



Functions available through group control

- On / Off
- Mode Selection (Cooling / Heating / Fan / Dehumidification)
- Fan Speed (High / Med / Low)
- Time Setting Etc.

Maintaining Clean Walls



Individual Control

Group Control

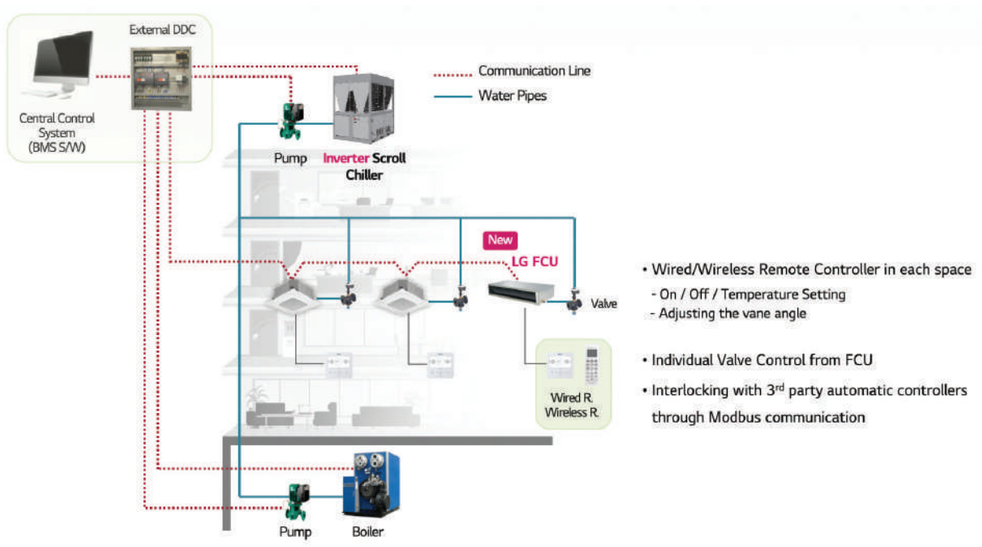
Installation Costs Saving



※ If you set up to 'Installation Setting' > Group Control 'Enabled' in your Wired Remote Controller, you can use many more functions.

Individual Control & External Central Control

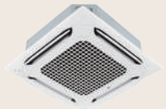
It allows not only to control each room by using the remote controller, but also apply integrated control through a 3rd party central controller.



- Wired/Wireless Remote Controller in each space
  - On / Off / Temperature Setting
  - Adjusting the vane angle
- Individual Valve Control from FCU
- Interlocking with 3rd party automatic controllers through Modbus communication

Line-up of Fan Coil Unit

With wide capacities line-up (5-44 CMM), FCU can be apply to a more diverse kinds of place.

Air Flow Rate (CMM)			5	6	7	8	9	12	13	17	18	20	21	22	25	30	33	34	39	41	44
Mini 4 Way Cassette 	Line-up			●	●		●	●													
	Capacity	kW		1.8	2.7		3.2	4.1													
		kBtu/h		6	9		10	14													
	Chassis			TR	TR		TR	TQ													
Dual Vane 4 Way Cassette 	Line-up									●			●	●	●		●				
	Capacity	kW								6.0			7.2	9.0	10.5		13.0				
		kBtu/h								20.4			24.5	30.7	35.8		44.0				
	Chassis									TP-B			TP-B	TM-A	TM-A		TM-A				
Low Static Ceiling Concealed Duct 	Line-up		●	●	●	●	●		●		●										
	Capacity	kW	1.2	1.8	2.5	3.2	3.9		5.5		6.6										
		kBtu/h	5	6	9	11	13		19		23										
	Chassis		L1	L1	L2	L2	L3		L3		L3										
Middle Static Ceiling Concealed Duct 	Line-up									●		●			●	●		●	●		●
	Capacity	kW								5.6		6.6			9.0	10.0		10.9	12.7		14.0
		kBtu/h								19		23			31	34		37	43		48
	Chassis									M1		M1			M2	M2		M2	M3		M3

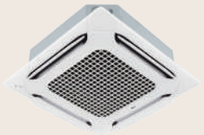
※ All lineups are for 2 pipes type only. 2 Way valve are not included
* Based on Cooling Capacity. Cooling Capacity testing condition : Inlet/Outlet Water Temperature 7°C / 12°C, Indoor Air Temperature 27°CDB/ 19°CWB



Feature Functions



Mini 4 Way Cassette



Dual Vane 4 Way Cassette

	Mini 4 Way Cassette	Dual Vane 4 Way Cassette
Comfort	• Low noise (min 35 dBA, for 1.8 kW) • Drain Pump/ BLDC fan motor included • High Ceiling Operation • Individual Vane Control (20° - 70°) • Two Thermistor	• Dual Vane for comfort air flow • Drain Pump/ BLDC fan motor included • High Ceiling Operation • Individual Vane Control (10° ~ 85°) • Two Thermistor
Clean air	• Pre-filter • Safe Plus Insulation	• Pre-filter • Powerful Air purification kit* • Safe Plus Insulation
Smart control	• Group Control (Up to 16 IDUs) • LG ThinQ (with Wi-Fi Module)***	• Human body detection** • Group Control (Up to 16 IDUs) • LG ThinQ (with Wi-Fi Module)***
Diverse controller	• Supports control configuration with external controllers via Modus contacts • With a individual or Central controller	• Supports control configuration with external controllers via Modus contacts • With a individual or Central controller

* Air purification kit (PTAHMP0)
** Human body detection (PTVSAA)
*** Wi-Fi Module (PWFMDD200)

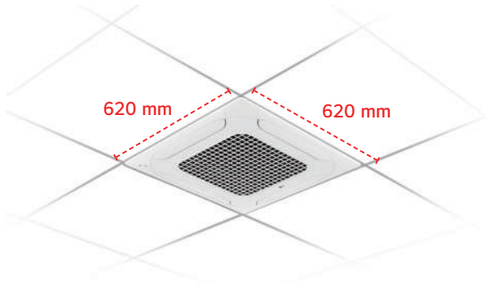
Sophisticated and Sleek Panel Design

Considering the use of space and interior design, integrate the ceiling design to match the Tex.

Compact and Stylish Design (Mini 4 Way)

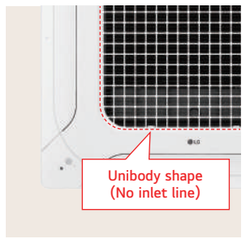
- Design that complements the surrounding interior
- Mini 4 Way cassette panel adapted unibody shape and matching with the ceiling
- Panel size fits the ceiling tile.







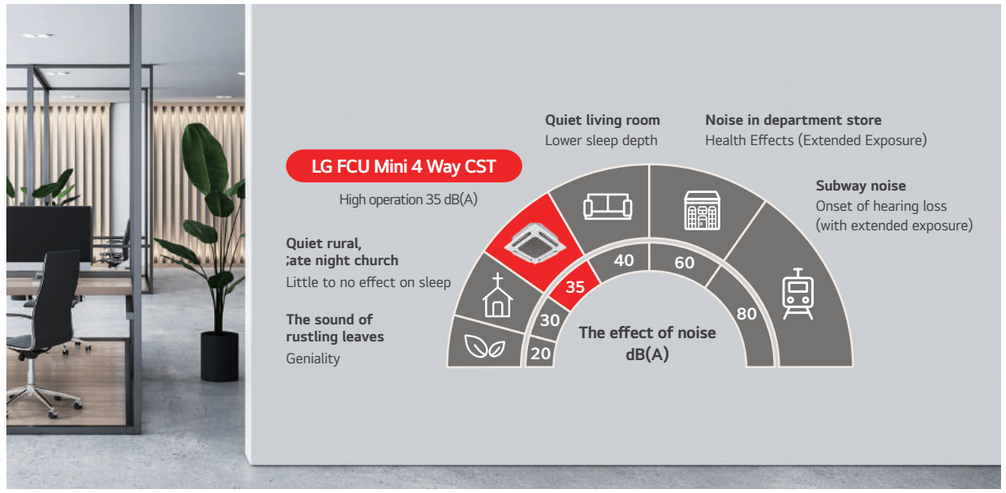
PT-QAGW0



※ For the detail information, refer to product PDB.

Low Noise

The optimal design for FCU reduces noise to 35 dB(A) to maintain a quiet and comfortable indoor environment. Due to low noise operation, it is preferred most applications to provide comfort.

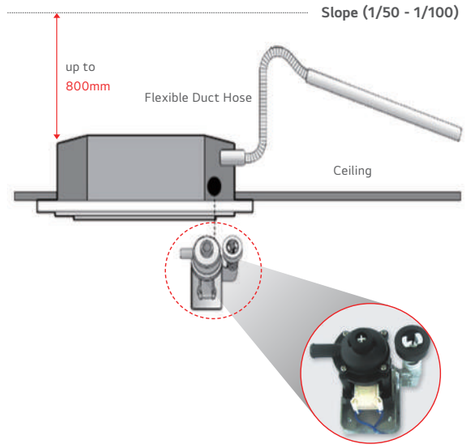


* 6 kW capacity model, Sound pressure level value are measured at noise measuring chamber accordance with LG Internal standard.
** Sound Data Source : OSHA (Occupational Safety and Health Administration)'s typical sound levels (dB(A))

Easy & Flexible Installation

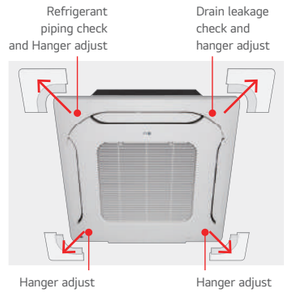
High drain pump prevents damage of products and ceiling by proper draining of dew condensation which is generated from the evaporator of indoor. The detachable corner design makes it easy to adjust the hanger during installation and helps to easily check leakages in the drain connection pipe.

High Head Drain Pump

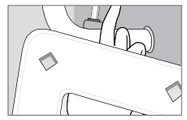


※ The detachable corner design is only applicable to the U-Style panel.

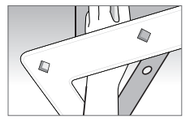
Flexible Installation



Drain Leakage Check



Hanger Adjust

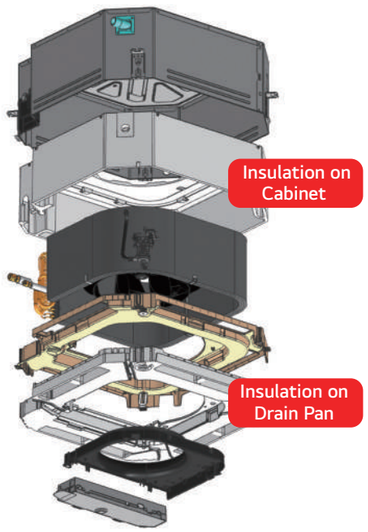


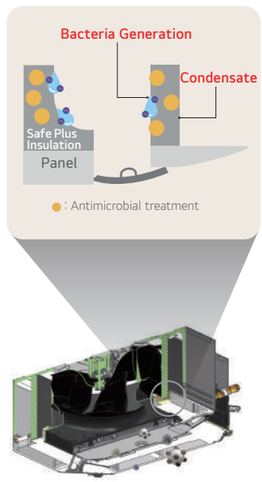


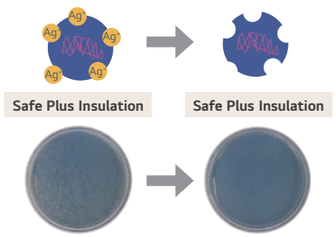
Safe Plus Insulation

Safe Plus Insulation is an anti-microbial treatment applied to internal components of the indoor unit to prevent the growth of mold and provide cleaner and fresher air.

Silver Ions Generated from Safe Plus Insulation Can Microbial DNA Destruction







Parts that the Safe Plus Insulation is applied are UL-Validation for the resistance of bacterial growth.



EPS Insulator EPS Cabinet EPS Drain Pan

※ The Safe Plus Insulation is applied only to the indoor unit that is manufactured in Korea.

Stylish Design Panel

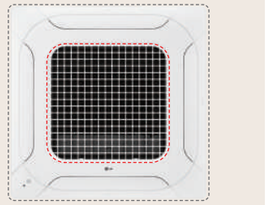
Dual Vane Cassette only

Dual vane 4 way cassette panel adapted a unibody shape that matches with the ceiling.

Brighter Color



Wide Design



Designed to Match Interior



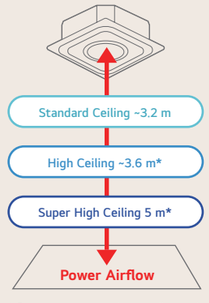
Direct Wind

Dual Vane Cassette only

The wind can reach up to 5 m with plenty of air volume. (@ 0.5 ms)



Recommended direct wind reach



* Settings are required in installer mode.

Various Airflow Control

Dual Vane Cassette only

Innovative dual vane design that promotes comfortable and convenient airflow.

Power Mode
Fast and Quick



Indirect Wind
Indirect Cooling & Heating



Up / Down Swing
Fresh and Natural



Smart Mode
Auto Vane Control



Direct Wind
Suitable for High Ceiling



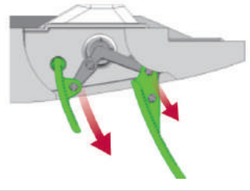
Refresh Mode
Provide High Concentration



Increased vane & expanded angles.
Full 3D Turbo fan decreases air resistance, creating high efficiency and reducing the noise level.

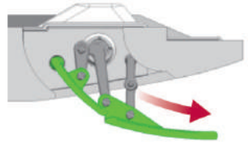
Dual Vane

Angle (10° ~ 85°)



Horizontal airflow
- Optimized angle for indirect wind

Long wind without loss



Full 3D Fan



Extended 3D Shrouds



Uniform wind speed

Continuous 3D Blade



Minimized blade loss

Air volume : 33.5 CMM

* Based on 13 kW Model

Indirect Cooling & Heating

Dual Vane Cassette only

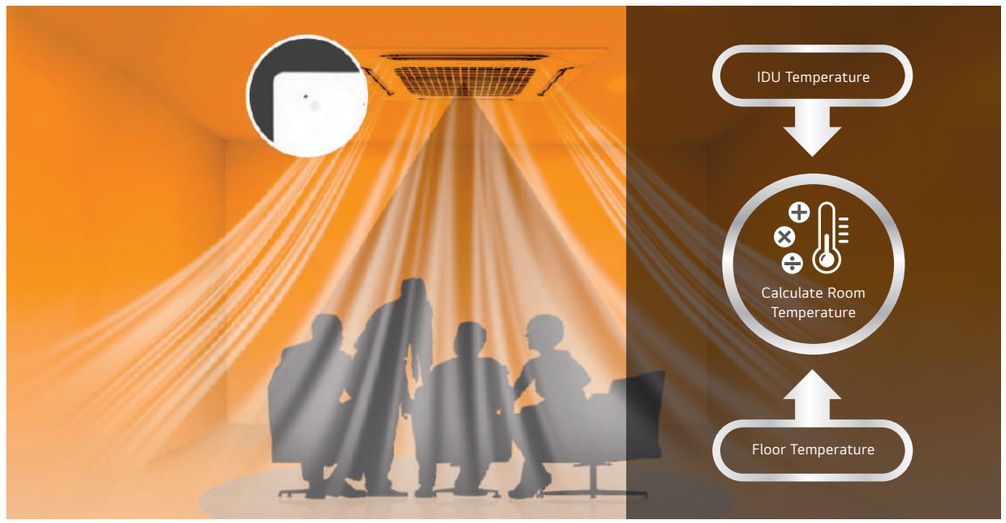
The dual vane designs provides indirect wind without a separate air guide kit.



Ceiling to Floor Temperature Sensing for Heating

Dual Vane Cassette only

With a special sensor that senses both ceiling and floor temperature, dual vane 4 way cassette provides comfortable air.



※ Available only for products with a floor temperature sensor.

Human Detecting Direct / Indirect Airflow

Dual Vane Cassette only

Automatically adjusts wind direction and volume according to user settings to create a more comfortable indoor environment.

Comfort Indirect

Prevent an airflow from heading to a user by sensing.



Follow User Direct

Prefer air flow to heading to user by sensing.

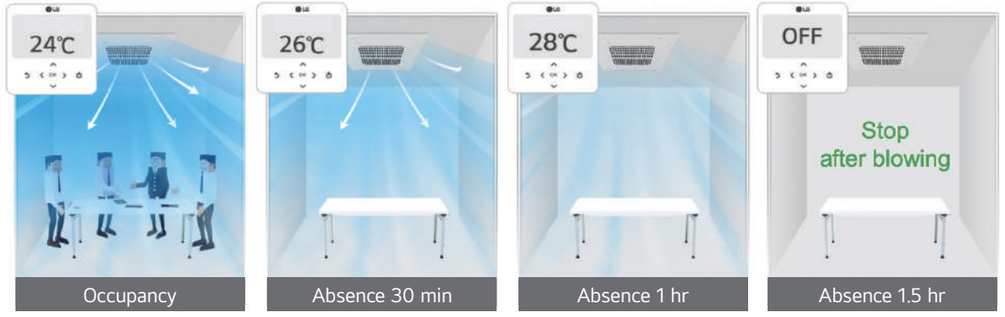


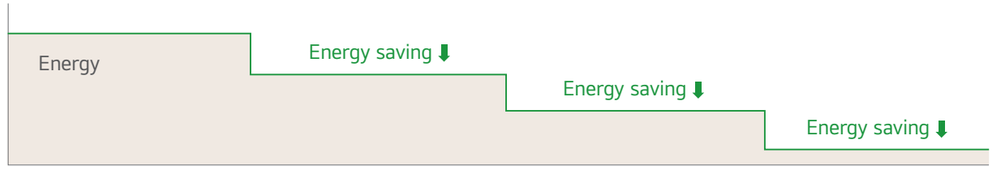
* Available when applying the human body detection sensor kit (optional) and only applicable to 4Way cassettes

Human Body Detection On/Off Learning Driving

Dual Vane Cassette only

Energy savings by automatically setting target temperature during absence. (5/10/15/30/60/90 min.)





※ Setting screen on the remote controller



※ Sensor is optional accessary (PTVSMA0) : only can be applied to PT-MCHW0 (CST Panel)
※ To use this function, new remote controller, PREMTB100 or PREMTBB10 is needed

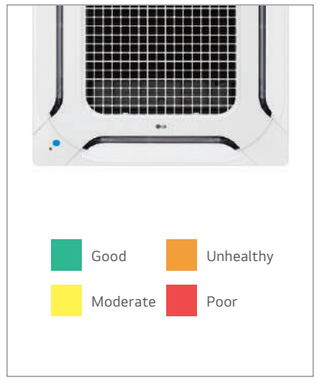
Real-time Indoor Air Quality Monitoring

Dual Vane Cassette only

Indoor air quality monitoring is possible from panel LED lamp, remote controller, mobile.

IDU LED

Shows quality of indoor air in real time



Remote Controller

Display air status and fine dust concentration



Mobile

Whenever & Wherever check and control air status

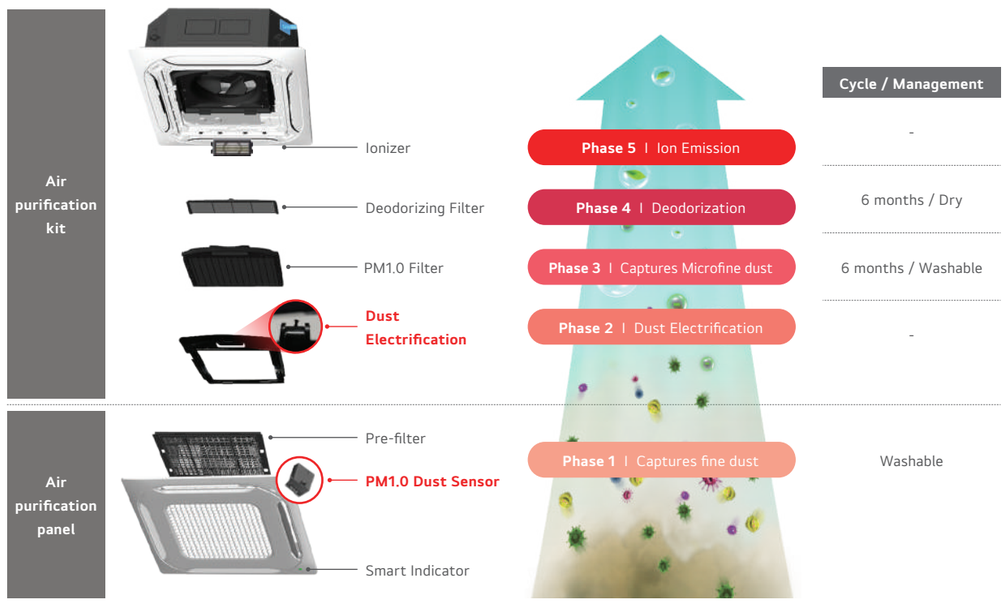


※ To use this function on mobile, need to download LG ThinQ App. and connect to Wi-Fi. For detailed instructions, please refer to the application help section.

Convenient and Powerful Air Purification

Dual Vane Cassette only

5-Step air cleaning process reduces invisible, ultra fine dust, odor and germs to help provide a cleaner living environment.

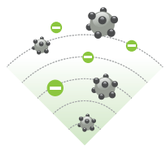
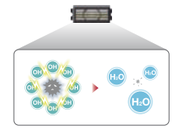


※ Air purification kit and panel are optional. Electrical diffusion makes dust electrification.

Air Purification Technology

Dual Vane Cassette only

5-Steps air cleaning process removes invisible, ultra fine dust, odor and germs to ensure a clean and healthy living environment.

1st Step	2nd Step	3rd Step	4th Step	5th Step
Pre Filter	**Anion Emission**	**PM1.0 Filter**	**Deodorization Filter**	**Ionizer**
				
Multi layer structure removes particle 2.5 times higher efficiency than general pre-filters and particle is reduced by 40% ↑	Anion increases the electrostatic force of particle & this Improves filter's collecting efficiency.	Removes up to 99% of Fine particle to ultrafine particle (Able to remove PM 1.0)	High efficiency gas adsorption technology removes life odor & harmful gases.	Deactivate bacteria and virus that cause food poisoning and pneumonia.



※ The result of test is proposed operation mode.

WF4A018CG0A / WF4A027CG0A
WF4A032CG0A / WF4A041CG0A



INDOOR				WF4A018CG0A	WF4A027CG0A	WF4A032CG0A	WF4A041CG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	0.39 - 0.37 - 0.35	0.40 - 0.38 - 0.36	0.42 - 0.40 - 0.38	0.44 - 0.42 - 0.40
Capacity	Cooling	Condition A	kW (kcal/h)	1.8 (1,548)	2.7 (2,322)	3.2 (2,752)	4.1 (3,525)
		Condition B		1.2 (1,032)	1.8 (1,548)	2.2 (1,892)	2.8 (2,408)
		Condition C		1.5 (1,290)	2.3 (1,978)	2.8 (2,408)	3.6 (3,095)
		Condition D		0.7 (602)	1.2 (1,032)	1.4 (1,204)	1.8 (1,548)
	Heating	Condition A	kW (kcal/h)	2.2 (1,892)	3.1 (2,666)	3.3 (2,837)	4.5 (3,869)
		Condition B		1.9 (1,634)	2.7 (2,322)	3.9 (3,353)	5.4 (4,643)
Water Flow Rate	Cooling	Condition A	LPM	5.7	8.2	10.0	13.5
		Condition B		4.6	6.6	8.0	10.8
		Condition C		5.7	8.2	10.0	13.5
		Condition D		3.4	4.9	6.0	8.1
	Heating	Condition A	LPM	6.1	8.6	10.0	13.5
		Condition B		5.7	8.2	10.0	13.5
Head Loss	Cooling	Condition A	kPa	21.5	32.0	47.7	43.7
		Condition B		13.7	20.3	30.3	27.8
		Condition C		21.5	32.0	47.7	43.7
		Condition D		8.1	12.0	17.9	16.4
	Heating	Condition A	kPa	30.3	40.7	53.8	56.5
		Condition B		26.2	36.5	53.8	56.5
Power Input	H / M / L		W	12 / - / -	15 / - / -	20 / - / -	43 / - / -
Running Current	H / M / L		A	0.37 / - / -	0.38 / - / -	0.40 / - / -	0.42 / - / -
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
	Air Flow Rate (H / M / L)		m^3/min	6.5 / 5.5 / 5.0	7.0 / 6.5 / 6.0	8.5 / 8.0 / 7.0	12.0 / 10.0 / 8.0
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct	Direct
	Output		W x No.	30 x 1	30 x 1	30 x 1	43 x 1
Dimensions	Net (W x H x D)		mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
	Shipping (W x H x D)		mm	652 x 270 x 636	652 x 270 x 636	652 x 270 x 636	667 x 327 x 646
Weight	Net		kg	12.9	12.9	12.9	14.0
	Shipping		kg	15.7	15.7	15.7	16.3
Exterior	Color		-	-	-	-	-
	RAL (Classic)		-	-	-	-	-
Air Filter	Type		-	Long life	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating			
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Divice			-	Fuse	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-	-
Drain Pipe (Using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H / M / L		dB(A)	35.0 / 34.0 / 33.0	38.0 / 37.0 / 35.0	43.0 / 40.0 / 38.0	48.0 / 43.0 / 38.0
Sound Power Level	H / M / L		dB(A)	40.0 / 39.0 / 38.0	44.0 / 42.0 / 40.0	50.0 / 46.0 / 44.0	56.0 / 50.0 / 45.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel #1 (Accessory)	Name		-	PT-QCHW0	PT-QCHW0	PT-QCHW0	PT-QCHW0
	Color		-	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	RAL (Classic)		-	RAL 9001	RAL 9001	RAL 9001	RAL 9001
	Net (W x H x D)		mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
Decoration Panel #2 (Accessory)	Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color		-	White	White	White	White
	RAL (Classic)		-	RAL 9003	RAL 9003	RAL 9003	RAL 9003
	Net (W x H x D)		mm	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620

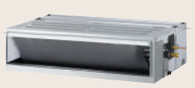
WF4A060CG0B / WF4A072CG0B
WF4A090CG0B / WF4A105CG0B
WF4A130CG0B



INDOOR				WF4A060CG0B	WF4A072CG0B	WF4A090CG0B	WF4A105CG0B	WF4A130CG0B
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
Running Current by Voltage			A	0.31 - 0.30 - 0.29	0.55 - 0.53 - 0.51	0.38 - 0.36 - 0.35	0.55 - 0.53 - 0.51	0.96 - 0.92 - 0.88
Capacity	Cooling	Condition A	kW (kcal/h)	6.0 (5,159)	7.2 (6,191)	9.0 (7,739)	10.5 (9,028)	13.0 (11,178)
		Condition B		5.6 (4,815)	6.8 (5,847)	6.8 (5,847)	8.0 (6,879)	8.5 (7,309)
		Condition C		5.8 (4,987)	7.1 (6,105)	8.1 (6,965)	9.5 (8,169)	9.8 (8,426)
		Condition D		3.1 (2,666)	3.8 (3,267)	4.6 (3,955)	5.3 (4,557)	6.0 (5,159)
	Heating	Condition A	kW (kcal/h)	6.8 (5,847)	8.1 (6,965)	8.5 (7,309)	9.2 (7,911)	10.7 (9,200)
		Condition B		8.2 (7,051)	10.4 (8,942)	11.9 (10,232)	13.7 (11,780)	16.8 (14,445)
Water Flow Rate	Cooling	Condition A	LPM	18.0	21.5	27.0	30.5	37.0
		Condition B		16.5	20.0	20.0	23.5	25.0
		Condition C		17.0	21.0	24.0	28.0	29.0
		Condition D		11.5	14.5	17.0	19.5	22.0
	Heating	Condition A	LPM	20.0	24.0	25.0	27.0	31.5
		Condition B		18.0	21.5	27.0	30.5	37.0
Head Loss	Cooling	Condition A	kPa	41.1	57.0	40.7	52.0	77.8
		Condition B		37.0	52.4	22.7	31.0	35.3
		Condition C		39.1	57.3	32.4	44.3	47.6
		Condition D		19.7	29.4	16.6	21.2	27.1
	Heating	Condition A	kPa	54.2	73.6	35.0	41.3	56.6
		Condition B		41.1	57.0	40.7	52.0	77.8
Power Input	H / M / L		W	31 / 26 / 21	61 / 50 / 42	39 / 33 / 26	60 / 50 / 40	115 / 94 / 69
Running Current	H / M / L		A	0.30 / 0.29 / 0.24	0.53 / 0.50 / 0.42	0.36 / 0.35 / 0.29	0.53 / 0.50 / 0.41	0.92 / 0.87 / 0.66
Fan	Type		-	3D Turbo Fan	3D Turbo Fan	3D Turbo Fan	3D Turbo Fan	3D Turbo Fan
	Air Flow Rate (H / M / L)		m^3/min	17.0 / 15.0 / 13.0	22.0 / 20.0 / 18.0	21.0 / 19.0 / 16.0	25.0 / 23.0 / 21.0	33.0 / 30.0 / 27.0
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct	Direct	Direct
	Output		W x No.	50.25 x 1	50.25 x 1	145.68 x 1	145.68 x 1	145.68 x 1
Dimensions	Net (W x H x D)		mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Net		kg	20.5	20.5	25.0	25.0	25.0
	Shipping		kg	25.0	25.0	30.0	30.0	30.0
Air Filter	Type		-	Long life	Long life	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating				
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Sound Pressure Level	H / M / L		dB(A)	38.0 / 36.0 / 33.0	45.0 / 43.0 / 41.0	37.0 / 35.0 / 31.0	42.0 / 40.0 / 37.0	48.0 / 47.0 / 43.0
Sound Power Level	H / M / L		dB(A)	46.0 / 44.0 / 42.0	53.0 / 50.0 / 45.0	53.0 / 50.0 / 45.0	54.0 / 51.0 / 47.0	56.0 / 53.0 / 49.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Decoration Panel #1 (Accessory)	Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White	White
	RAL (Classic)		-	RAL 9003	RAL 9003	RAL 9003	RAL 9003	RAL 9003
	Net (W x H x D)		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
Decoration Panel #2 (Accessory)	Name		-	PT-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0	PT-AFGW0
	Color		-	White	White	White	White	White
	RAL (Classic)		-	RAL 9003	RAL 9003	RAL 9003	RAL 9003	RAL 9003
	Net (W x H x D)		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
Decoration Panel #3 (Accessory)	Name		-	PT-AEGW0	PT-AEGW0	PT-AEGW0	PT-AEGW0	PT-AEGW0
	Color		-	White	White	White	White	White
	RAL (Classic)		-	RAL 9003	RAL 9003	RAL 9003	RAL 9003	RAL 9003
	Net (W x H x D)		mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950



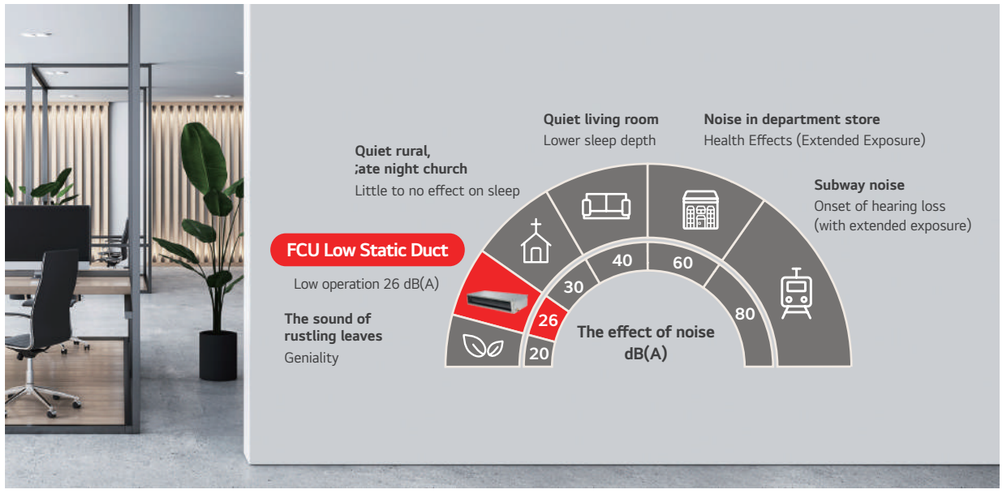
Feature Functions

	 Low Static Duct	 Mid Static Duct
Comfort	• Low noise (min 26 dBA, for 3.9 and 5.5 kW) • Drain Pump/ BLDC fan motor included • External Static Pressure control • Two Thermistor	• Drain Pump/ BLDC fan motor included • External Static Pressure control • Two Thermistor
Clean air	• Pre-filter • Safe Plus Insulation	• Pre-filter • UVnano Filter Box* • Safe Plus Insulation
Smart control	• Group Control (Up to 16 IDUs) • LG ThinQ (with Wi-Fi Module)**	• Group Control (Up to 16 IDUs) • LG ThinQ (with Wi-Fi Module)**
Diverse controller	• Supports control configuration with external controllers via Modbus contacts • With a individual or Central controller	• Supports control configuration with external controllers via Modbus contacts • With a individual or Central controller

* UVnano Filter Box (M1 - PBM13M1UA0, M2 - PBM13M2UA0, M3 - PBM13M3UA0)
** Wi-Fi Module (PWFMDD200)

Low Noise

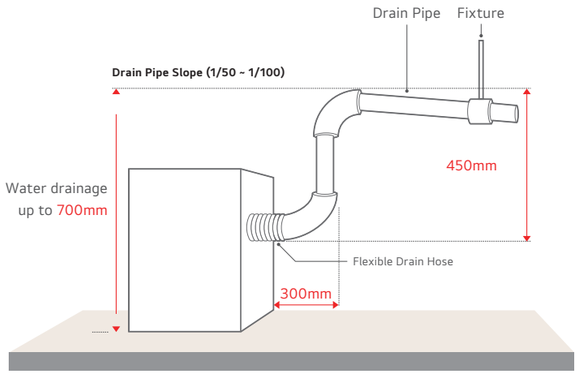
The optimal design for FCU reduces noise to 26 dB(A) to maintain a quiet and comfortable indoor environment. Due to low noise operation, it is preferred most applications to provide comfort.

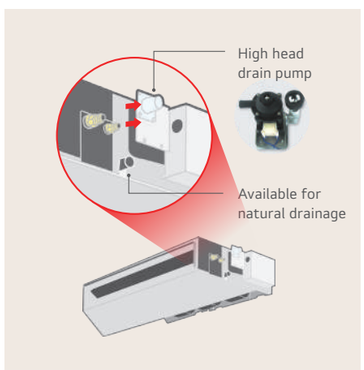


* 3.9~5.5 kW capacity model, Sound pressure level value are measured at noise measuring chamber accordance with LG Internal standard.
** Sound Data Source : OSHA (Occupational Safety and Health Administration)'s typical sound levels (dB(A))

High Head Drain Pump

High drain pump prevents damage of products and ceiling by proper draining of dew condensation which is generated from the evaporator of indoor.





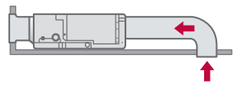
※ Standard Inverter : Accessory (ABDPG) / Low-Static Duct : Included
※ Required by option for Standard / Compact Inverter high static pressure models.

Easy & Flexible Installation

It is possible to choose the location of the air intake flexibly.

Conventional

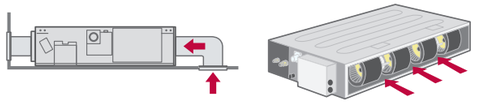
Only one way for air intake



Flexible Installation

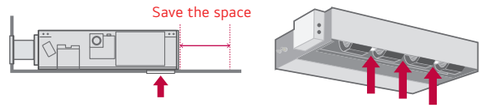
- It can be installed in limited space because you can choose air intake from either rear or bottom.

Case 1 : Air intake from the rear of the unit



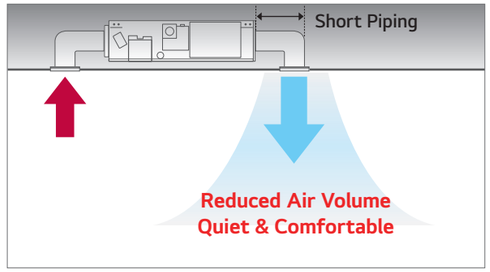
Case 2 : Air intake from the bottom of the unit

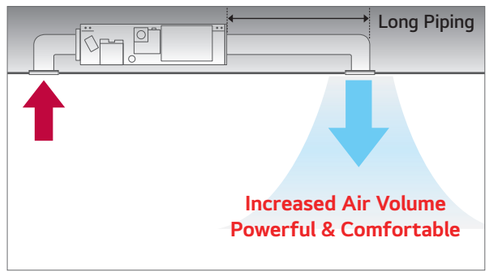
→ In case of insufficient air intake space



External Static Pressure Control

The E.S.P. control function can make air volume controlled easily with a remote controller. The BLDC motor can control fan speed to overcome any external static pressure to supply sufficient air volume .







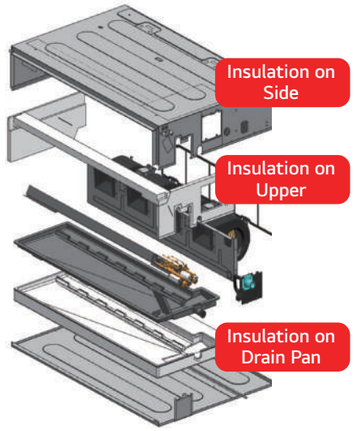
※ E.S.P. Setting guide (Wired Remote Controller) :
1) Standard III (PREMTB100/10)
: Menu → Setting → Installer → E.S.P. setting
2) Standard II (PREMTB001/01) :
Button click → 03 : XX → E.S.P. setting

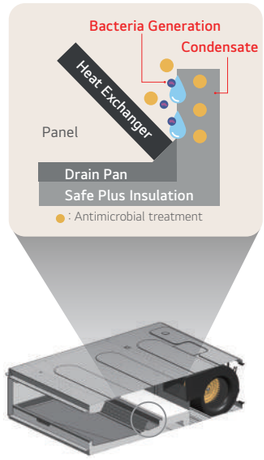
* If not completed, Manual E.S.P. Setting should be needed

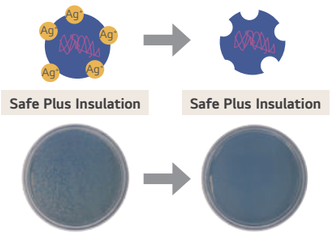
Safe Plus Insulation

Safe Plus Insulation is an anti-microbial treatment applied to internal components of the indoor unit to prevent the growth of mold and provide cleaner and fresher air.

Silver Ions Generated from Safe Plus Insulation Can Microbial DNA Destruction







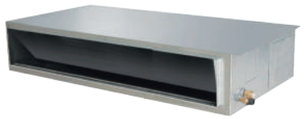
Parts that the Safe Plus Insulation is applied are UL-Validation for the resistance of bacterial growth.



EPS Insulator EPS Cabinet EPS Drain Pan

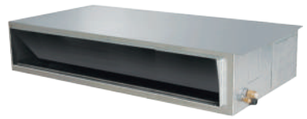
※ The Safe Plus Insulation is applied only to the indoor unit that is manufactured in Korea.

WFCA012RG0A / WFCA018RG0A
WFCA025RG0A / WFCA032RG0A



INDOOR				WFCA012RG0A	WFCA018RG0A	WFCA025RG0A	WFCA032RG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	0.30 - 0.29 - 0.28	0.32 - 0.31 - 0.30	0.33 - 0.32 - 0.31	0.37 - 0.35 - 0.34
Capacity	Cooling	Condition A	kW (kcal/h)	1.3 (1,118)	1.8 (1,548)	2.5 (2,150)	3.2 (2,752)
		Condition B		1.1 (946)	1.5 (1,290)	2.1 (1,806)	2.7 (2,322)
		Condition C		1.2 (1,032)	1.6 (1,376)	2.2 (1,892)	2.8 (2,408)
		Condition D		0.7 (602)	0.9 (774)	1.3 (1,118)	1.6 (1,376)
	Heating	Condition A	kW (kcal/h)	2.0 (1,721)	2.8 (2,408)	3.2 (2,752)	3.8 (3,267)
		Condition B		2.1 (1,806)	3.0 (2,581)	3.6 (3,095)	4.4 (3,783)
Water Flow Rate	Cooling	Condition A	LPM	4.0	5.6	7.4	9.3
		Condition B		4.0	5.6	7.4	9.3
		Condition C		4.0	5.6	7.4	9.3
		Condition D		2.7	4.0	5.0	6.3
	Heating	Condition A	LPM	6.2	8.5	9.7	11.4
		Condition B		4.0	5.6	7.4	9.3
Head Loss	Cooling	Condition A	kPa	1.2	3.3	7.6	11.8
		Condition B		1.2	3.3	7.6	11.8
		Condition C		1.2	3.3	7.6	11.8
		Condition D		0.8	2.3	5.3	8.2
	Heating	Condition A	kPa	4.4	8.5	12.5	17.8
		Condition B		2.0	3.5	6.9	11.4
Power Input	H / M / L		W	8 / - / -	17 / - / -	20 / - / -	27 / - / -
Running Current	H / M / L		A	0.29 / - / -	0.31 / - / -	0.32 / - / -	0.35 / - / -
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	5.5 / 5.0 / 4.5	8.0 / 7.0 / 6.0	8.0 / 7.5 / 7.0	9.8 / 8.8 / 8.0
	External Static Pressure (Factory Set)		mmAq	0	0	0	0
	External Static Pressure Range		mmAq	0 ~ 5	0 ~ 5	0 ~ 5	0 ~ 5
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct	Direct
	Output		W x No.	19 x 1	19 x 1	19 x 1 + 5 x 1	19 x 1 + 5 x 1
Dimensions	Net (W x H x D)		mm	700 x 190 x 700	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700
	Shipping (W x H x D)		mm	842 x 235 x 766	842 x 235 x 766	1,042 x 235 x 766	1,042 x 235 x 766
Weight	Net		kg	16.3	16.3	20.9	20.9
	Shipping		kg	20.7	20.7	25.8	25.8
Air Filter	Type		-	Long life	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating			
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	31.0 / 30.0 / 29.0	33.0 / 32.0 / 31.0	31.0 / 30.0 / 29.0	33.0 / 32.0 / 31.0
Sound Power Level	H/M/L		dB(A)	38.0 / 36.0 / 35.0	46.0 / 43.0 / 39.0	41.0 / 40.0 / 39.0	46.0 / 43.0 / 41.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

WFCA039RG0A / WFCA055RG0A
WFCA066RG0A



INDOOR				WFCA039RG0A	WFCA055RG0A	WFCA066RG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	0.39 - 0.37 - 0.35	0.46 - 0.44 - 0.42	0.74 - 0.71 - 0.68
Capacity	Cooling	Condition A	kW (kcal/h)	3.9 (3,353)	5.0 (4,299)	6.6 (5,675)
		Condition B		3.3 (2,837)	4.2 (3,611)	5.5 (4,729)
		Condition C		3.5 (3,009)	4.4 (3,783)	5.9 (5,073)
		Condition D		2.0 (1,721)	2.5 (2,150)	3.3 (2,837)
	Heating	Condition A	kW (kcal/h)	4.2 (3,611)	5.3 (4,557)	6.6 (5,675)
		Condition B		5.0 (4,299)	6.4 (5,503)	8.0 (6,879)
Water Flow Rate	Cooling	Condition A	LPM	13.3	17.0	21.7
		Condition B		13.3	17.0	21.7
		Condition C		13.3	17.0	21.7
		Condition D		9.0	11.5	14.7
	Heating	Condition A	LPM	13.3	17.0	21.7
		Condition B		13.3	17.0	21.7
Head Loss	Cooling	Condition A	kPa	21.7	39.0	53.9
		Condition B		21.7	39.0	53.9
		Condition C		21.7	39.0	53.9
		Condition D		5.7	27.2	37.6
	Heating	Condition A	kPa	30.3	48.3	71.7
		Condition B		30.3	48.3	71.7
Power Input	H / M / L		W	29 / - / -	44 / - / -	81 / - / -
Running Current	H / M / L		A	0.37 / - / -	0.44 / - / -	0.71 / - / -
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	10.7 / 9.3 / 7.2	14.4 / 10.7 / 9.3	20.1 / 17.3 / 14.4
	External Static Pressure (Factory Set)		mmAq	0	0	0
	External Static Pressure Range		mmAq	0 ~ 5	0 ~ 5	0 ~ 5
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct
	Output		W x No.	19 x 2	19 x 2	19 x 2
Dimensions	Net (W x H x D)		mm	1,100 x 190 x 700	1,100 x 190 x 700	1,100 x 190 x 700
	Shipping (W x H x D)		mm	1,242 x 235 x 766	1,242 x 235 x 766	1,242 x 235 x 766
Weight	Net		kg	24.2	24.2	24.2
	Shipping		kg	29.6	29.6	29.6
Air Filter	Type		-	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating		
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	28.0 / 27.0 / 26.0	31.0 / 28.0 / 26.0	38.0 / 34.0 / 31.0
Sound Power Level	H/M/L		dB(A)	43.0 / 41.0 / 40.0	47.0 / 42.0 / 41.0	55.0 / 52.0 / 48.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

WFCB056LG0A / WFCB056RG0A
WFCB066LG0A / WFCB066RG0A



INDOOR				WFCB056LG0A	WFCB056RG0A	WFCB066LG0A	WFCB066RG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	0.72 - 0.69 - 0.66	0.72 - 0.69 - 0.66	1.00 - 0.96 - 0.92	1.00 - 0.96 - 0.92
Capacity	Cooling	Condition A	kW (kcal/h)	5.6 (4,815)	5.6 (4,815)	6.6 (5,675)	6.6 (5,675)
		Condition B		4.2 (3,611)	4.2 (3,611)	4.9 (4,213)	4.9 (4,213)
		Condition C		4.8 (4,127)	4.8 (4,127)	5.8 (4,987)	5.8 (4,987)
		Condition D		2.7 (2,322)	2.7 (2,322)	3.3 (2,837)	3.3 (2,837)
	Heating	Condition A	kW (kcal/h)	6.5 (5,589)	6.5 (5,589)	7.8 (6,707)	7.8 (6,707)
		Condition B		8.0 (6,879)	8.0 (6,879)	9.2 (7,911)	9.2 (7,911)
Water Flow Rate	Cooling	Condition A	LPM	16.3	16.3	19.7	19.7
		Condition B		12.5	12.5	14.5	14.5
		Condition C		14.0	14.0	17.0	17.0
		Condition D		10.0	10.0	12.0	12.0
	Heating	Condition A	LPM	19.0	19.0	23.0	23.0
		Condition B		16.3	16.3	19.7	19.7
Head Loss	Cooling	Condition A	kPa	14.6	14.6	22.7	22.7
		Condition B		7.6	7.6	10.2	10.2
		Condition C		9.4	9.4	13.9	13.9
		Condition D		4.9	4.9	7.0	7.0
	Heating	Condition A	kPa	20.3	20.3	28.1	28.1
		Condition B		14.6	14.6	22.7	22.7
Power Input	H / M / L		W	102 / 72 / 57	102 / 72 / 57	143 / 98 / 72	143 / 98 / 72
Running Current	H / M / L		A	0.69 / 0.49 / 0.39	0.69 / 0.49 / 0.39	0.96 / 0.67 / 0.49	0.96 / 0.67 / 0.49
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	15.0 / 12.0 / 10.0	15.0 / 12.0 / 10.0	18.0 / 15.0 / 12.0	18.0 / 15.0 / 12.0
	External Static Pressure (Factory Set)		mmAq	6	6	6	6
	External Static Pressure Range		mmAq	2.5 ~ 15	2.5 ~ 15	5 ~ 15	5 ~ 15
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct	Direct
	Output		W x No.	136.49 x 1	136.49 x 1	136.49 x 1	136.49 x 1
Dimensions	Net (W x H x D)		mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
	Shipping (W x H x D)		mm	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773
Weight	Net		kg	28.4	27.9	28.4	27.9
	Shipping		kg	33.5	33.0	33.5	33.0
Air Filter	Type		-	Long life	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating			
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	43.0 / 41.0 / 39.0	43.0 / 41.0 / 39.0	45.0 / 43.0 / 41.0	45.0 / 43.0 / 41.0
Sound Power Level	H/M/L		dB(A)	61.0 / 58.0 / 57.0	61.0 / 58.0 / 57.0	63.0 / 61.0 / 58.0	63.0 / 61.0 / 58.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

WFCB090LG0A / WFCB090RG0A
WFCB100LG0A



INDOOR				WFCB090LG0A	WFCB090RG0A	WFCB100LG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	0.96 - 0.92 - 0.88	0.96 - 0.92 - 0.88	1.32 - 1.26 - 1.21
Capacity	Cooling	Condition A	kW (kcal/h)	9.0 (7,739)	9.0 (7,739)	10.0 (8,598)
		Condition B		6.8 (5,847)	6.8 (5,847)	7.8 (6,707)
		Condition C		8.0 (6,879)	8.0 (6,879)	9.2 (7,911)
		Condition D		4.3 (3,697)	4.3 (3,697)	5.0 (4,299)
	Heating	Condition A	kW (kcal/h)	10.9 (9,372)	10.9 (9,372)	12.6 (10,834)
		Condition B		12.5 (10,748)	12.5 (10,748)	14.6 (12,554)
Water Flow Rate	Cooling	Condition A	LPM	25.2	25.2	29.9
		Condition B		20.0	20.0	23.0
		Condition C		23.5	23.5	27.0
		Condition D		16.0	16.0	18.5
	Heating	Condition A	LPM	32.0	32.0	37.0
		Condition B		25.2	25.2	29.9
Head Loss	Cooling	Condition A	kPa	24.5	24.5	33.7
		Condition B		14.4	14.4	19.1
		Condition C		19.7	19.7	26.0
		Condition D		8.7	8.7	11.8
	Heating	Condition A	kPa	10.7	10.7	14.1
		Condition B		24.5	24.5	33.7
Power Input	H / M / L		W	136 / 105 / 84	136 / 105 / 84	189 / 143 / 106
Running Current	H / M / L		A	0.92 / 0.72 / 0.58	0.92 / 0.72 / 0.58	1.26 / 0.96 / 0.72
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	25.0 / 20.0 / 16.0	25.0 / 20.0 / 16.0	30.0 / 25.0 / 20.0
	External Static Pressure (Factory Set)		mmAq	6	6	6
	External Static Pressure Range		mmAq	5 ~ 15	5 ~ 15	5 ~ 15
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct
	Output		W x No.	350 x 1	350 x 1	350 x 1
Dimensions	Net (W x H x D)		mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700
	Shipping (W x H x D)		mm	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 338 x 773
Weight	Net		kg	41.0	40.6	41.0
	Shipping		kg	46.9	46.9	46.9
Air Filter	Type		-	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating		
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	46.0 / 44.0 / 43.0	46.0 / 44.0 / 43.0	47.0 / 46.0 / 44.0
Sound Power Level	H/M/L		dB(A)	59.0 / 58.0 / 57.0	59.0 / 58.0 / 57.0	61.0 / 59.0 / 58.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

WFCB100RG0A / WFCB109LG0A
WFCB109RG0A / WFCB127LG0A



INDOOR				WFCB100RG0A	WFCB109LG0A	WFCB109RG0A	WFCB127LG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	1.32 - 1.26 - 1.21	1.60 - 1.53 - 1.47	1.60 - 1.53 - 1.47	1.36 - 1.30 - 1.25
Capacity	Cooling	Condition A	kW (kcal/h)	10.0 (8,598)	10.9 (9,372)	10.9 (9,372)	12.7 (10,920)
		Condition B		7.8 (6,707)	8.7 (7,481)	8.7 (7,481)	9.3 (7,997)
		Condition C		9.2 (7,911)	10.0 (8,598)	10.0 (8,598)	11.4 (9,802)
		Condition D		5.0 (4,299)	5.6 (4,815)	5.6 (4,815)	6.4 (5,503)
	Heating	Condition A	kW (kcal/h)	12.6 (10,834)	14.0 (12,038)	14.0 (12,038)	15.3 (13,156)
		Condition B		14.6 (12,554)	14.9 (12,812)	14.9 (12,812)	16.8 (14,445)
Water Flow Rate	Cooling	Condition A	LPM	29.9	30.9	30.9	35.3
		Condition B		23.0	25.5	25.5	27.5
		Condition C		27.0	29.5	29.5	33.5
		Condition D		18.5	20.5	20.5	23.5
	Heating	Condition A	LPM	37.0	41.0	41.0	45.0
		Condition B		29.9	30.9	30.9	35.3
Head Loss	Cooling	Condition A	kPa	33.7	37.8	37.8	35.4
		Condition B		19.1	23.5	23.5	22.3
		Condition C		26.0	31.1	31.1	32.5
		Condition D		11.8	14.5	14.5	16.3
	Heating	Condition A	kPa	14.1	16.9	16.9	59.8
		Condition B		33.7	37.8	37.8	35.4
Power Input	H / M / L		W	189 / 143 / 106	233 / 197 / 143	233 / 197 / 143	217 / 188 / 152
Running Current	H / M / L		A	1.26 / 0.96 / 0.72	1.53 / 1.31 / 0.96	1.53 / 1.31 / 0.96	1.30 / 1.15 / 0.94
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	30.0 / 25.0 / 20.0	34.0 / 30.0 / 25.0	34.0 / 30.0 / 25.0	36.0 / 32.0 / 28.0
	External Static Pressure (Factory Set)		mmAq	6	6	6	6
	External Static Pressure Range		mmAq	5 ~ 15	5 ~ 15	5 ~ 15	5 ~ 15
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct	Direct
	Output		W x No.	350 x 1	350 x 1	350 x 1	400 x 1
Dimensions	Net (W x H x D)		mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700
	Shipping (W x H x D)		mm	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 428 x 773
Weight	Net		kg	40.6	41.0	40.6	46.0
	Shipping		kg	46.9	46.9	46.9	52.3
Air Filter	Type		-	Long life	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating			
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	47.0 / 46.0 / 44.0	48.0 / 47.0 / 46.0	48.0 / 47.0 / 46.0	49.0 / 48.0 / 47.0
Sound Power Level	H/M/L		dB(A)	61.0 / 59.0 / 58.0	63.0 / 61.0 / 59.0	63.0 / 61.0 / 59.0	64.0 / 63.0 / 62.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C

WFCB127RG0A / WFCB140LG0A
WFCB140RG0A



INDOOR				WFCB127RG0A	WFCB140LG0A	WFCB140RG0A
Power Supply	Rated Power Supply		V, Ø, Hz	220-230-240, 1, 50	220-230-240, 1, 50	220-230-240, 1, 50
	Limit Range of Voltage		V	198 ~ 264	198 ~ 264	198 ~ 264
Running Current by Voltage			A	1.36 - 1.30 - 1.25	1.65 - 1.58 - 1.51	1.65 - 1.58 - 1.51
Capacity	Cooling	Condition A	kW (kcal/h)	12.7 (10,920)	14.0 (12,038)	14.0 (12,038)
		Condition B		9.3 (7,997)	10.4 (8,942)	10.4 (8,942)
		Condition C		11.4 (9,802)	12.2 (10,490)	12.2 (10,490)
		Condition D		6.4 (5,503)	6.8 (5,847)	6.8 (5,847)
	Heating	Condition A	kW (kcal/h)	15.3 (13,156)	16.6 (14,273)	16.6 (14,273)
		Condition B		16.8 (14,445)	18.5 (15,907)	18.5 (15,907)
Water Flow Rate	Cooling	Condition A	LPM	35.3	40.1	40.1
		Condition B		27.5	30.5	30.5
		Condition C		33.5	36.0	36.0
		Condition D		23.5	25.0	25.0
	Heating	Condition A	LPM	45.0	49.0	49.0
		Condition B		35.3	40.1	40.1
Head Loss	Cooling	Condition A	kPa	35.4	45.4	45.4
		Condition B		22.3	27.3	27.3
		Condition C		32.5	38.3	38.3
		Condition D		16.3	18.7	18.7
	Heating	Condition A	kPa	59.8	70.7	70.7
		Condition B		35.4	45.4	45.4
Power Input	H / M / L		W	217 / 188 / 152	266 / 223 / 187	266 / 223 / 187
Running Current	H / M / L		A	1.30 / 1.15 / 0.94	1.58 / 1.35 / 1.15	1.58 / 1.35 / 1.15
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Air Flow Rate (H / M / L)		m^3/min	36.0 / 32.0 / 28.0	40.0 / 36.0 / 32.0	40.0 / 36.0 / 32.0
	External Static Pressure (Factory Set)		mmAq	6	6	6
	External Static Pressure Range		mmAq	5 ~ 15	5 ~ 15	5 ~ 15
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Drive		-	Direct	Direct	Direct
	Output		W x No.	400 x 1	400 x 1	400 x 1
Dimensions	Net (W x H x D)		mm	1,250 x 360 x 700	1,250 x 360 x 700	1,250 x 360 x 700
	Shipping (W x H x D)		mm	1,450 x 428 x 773	1,450 x 428 x 773	1,450 x 428 x 773
Weight	Net		kg	45.5	46.0	45.5
	Shipping		kg	52.2	52.3	52.2
Air Filter	Type		-	Long life	Long life	Long life
Temperature Control			-	Microprocessor, Thermostat for cooling and heating		
Sound Absorbing / Thermal Insulation Material			-	Foamed polystrene	Foamed polystrene	Foamed polystrene
Protection Device			-	Fuse	Fuse	Fuse
Water Connecting Pipes	Inlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
	Outlet		-	BSPF G 3/4" (male)	BSPF G 3/4" (male)	BSPF G 3/4" (male)
Drain Pipe (Natural Drainage)	O.D / I.D		mm	-	-	-
Drain Pipe (using Drain Pump)	O.D / I.D		mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0	Ø 32.0 / 25.0
Sound Pressure Level	H/M/L		dB(A)	49.0 / 48.0 / 47.0	50.0 / 49.0 / 48.0	50.0 / 49.0 / 48.0
Sound Power Level	H/M/L		dB(A)	64.0 / 63.0 / 62.0	65.0 / 64.0 / 63.0	65.0 / 64.0 / 63.0
Connecting Cable	Communication Cable (VCTF-SB)		mm^2 x cores	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C