LG Electronics
H&A Company, Commercial Air Conditioning

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LG COMMERCIAL AIR CONDITIONERS 2015

COMMERCIAL
AIR CONDITIONERS
2015

LG HVAC
SOLUTION

Why LG Commercial Air Conditioners

LG INVERTER TECHNOLOGY CUTS POWER CONSUMPTION

LG has taken the initiative to develop new, highly efficient, inverter technology. In addition to consuming less electricity, the company's advanced inverter systems have powerful performance and enhanced reliability.

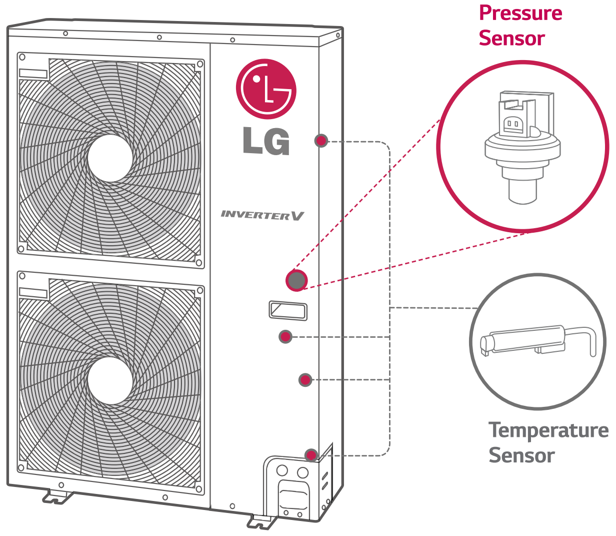
A clear illustration of how innovative technology can make a real difference, LG's Inverter compressor provides a welcome reduction in power usage (up to 40%) and operational costs. Designed for commercial spaces, such as offices and retail stores, the new model offers effective comfort, greater endurance and exceptional seasonal energy efficiency.

TEMPERATURE & PRESSURE CONTROL OF VRF TECHNOLOGY ENSURES FASTER, MORE ACCURATE AND STABLE OPERATION OF COMPRESSOR

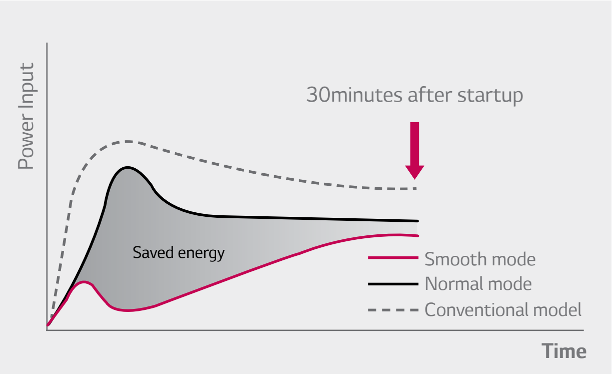
LG's Single and Multi Split models, the only solutions in the same product category to feature innovative Temperature & Pressure Control Sensor equipped with advanced VRF pressure control technology.

Generally single and multi split systems estimate pressure to operate compressor via a single sensor, which measures refrigerant, internal and external temperature. However, LG's latest Single and Multi Split series add the Temperature & Pressure Control Sensor, which directly analyzes and controls refrigerant pressure and temperature, boosting compressor performance in terms of accuracy and efficiency. Precisely, the Temperature & Pressure Control Sensor leads to quicker, more effective heating and cooling. It also helps to extend the compressor's operational lifespan and ensure stable performance in all kinds of weather conditions.

LG Electronics participates in the Eurovent Certification Programme
For Comfort Air conditioner ; the certified models are listed in the Eurovent Directory.

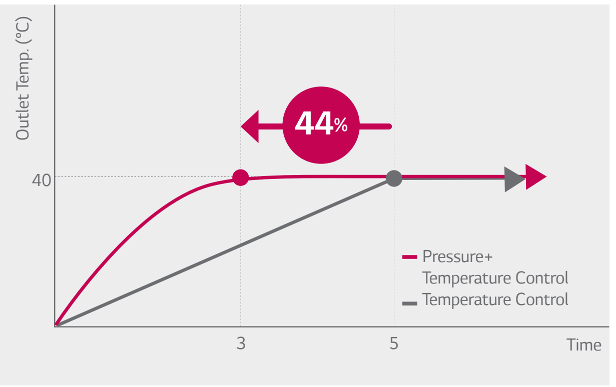


New
Smart Load Control

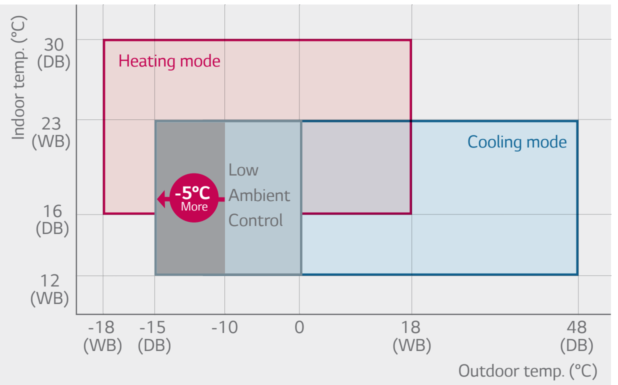


*This image is a schematic diagram to help you understand, represent the trend of the conventional model and the new model.

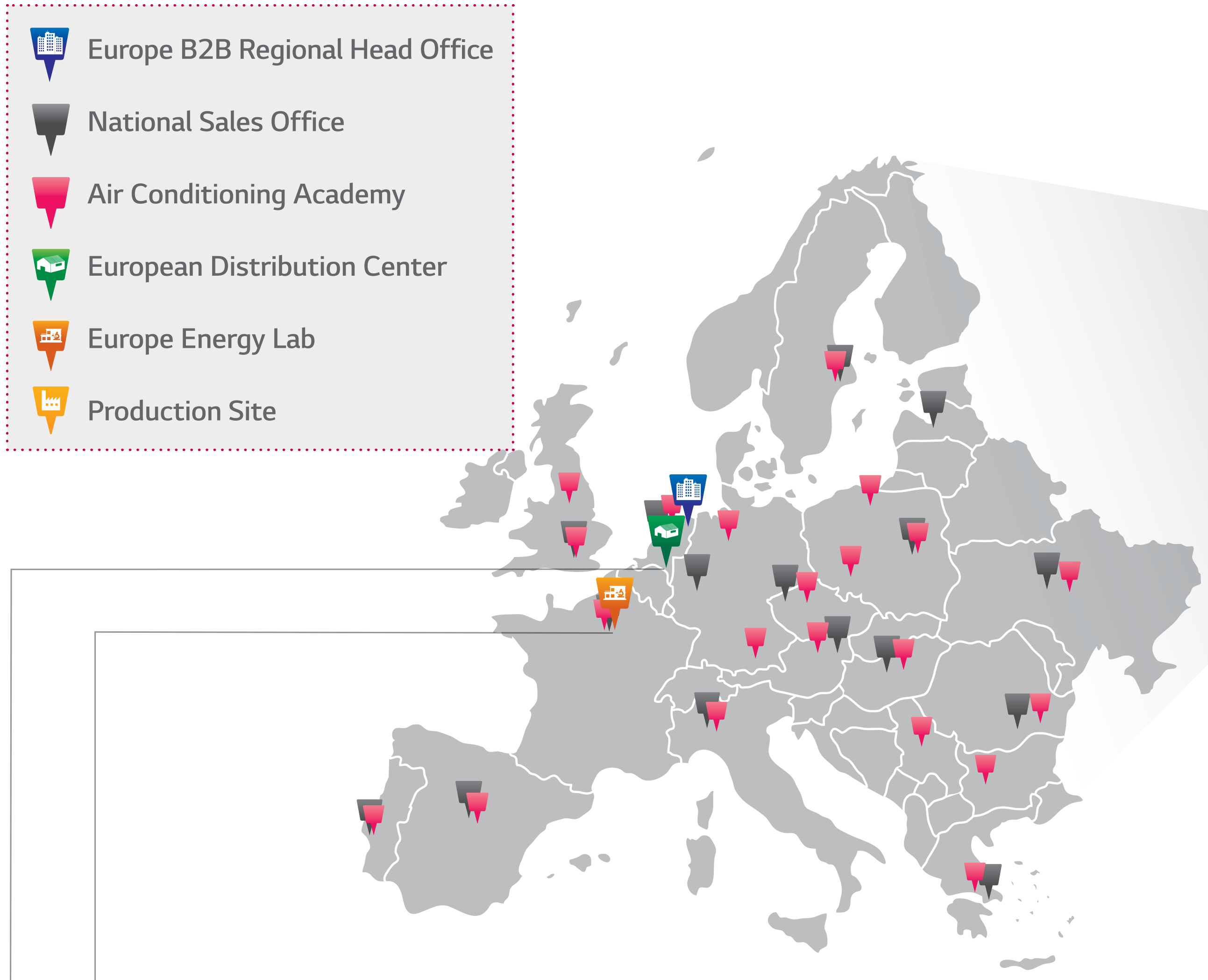
Quick

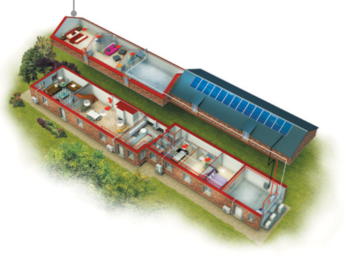


Wide



EUROPE SALES INFRASTRUCTURE





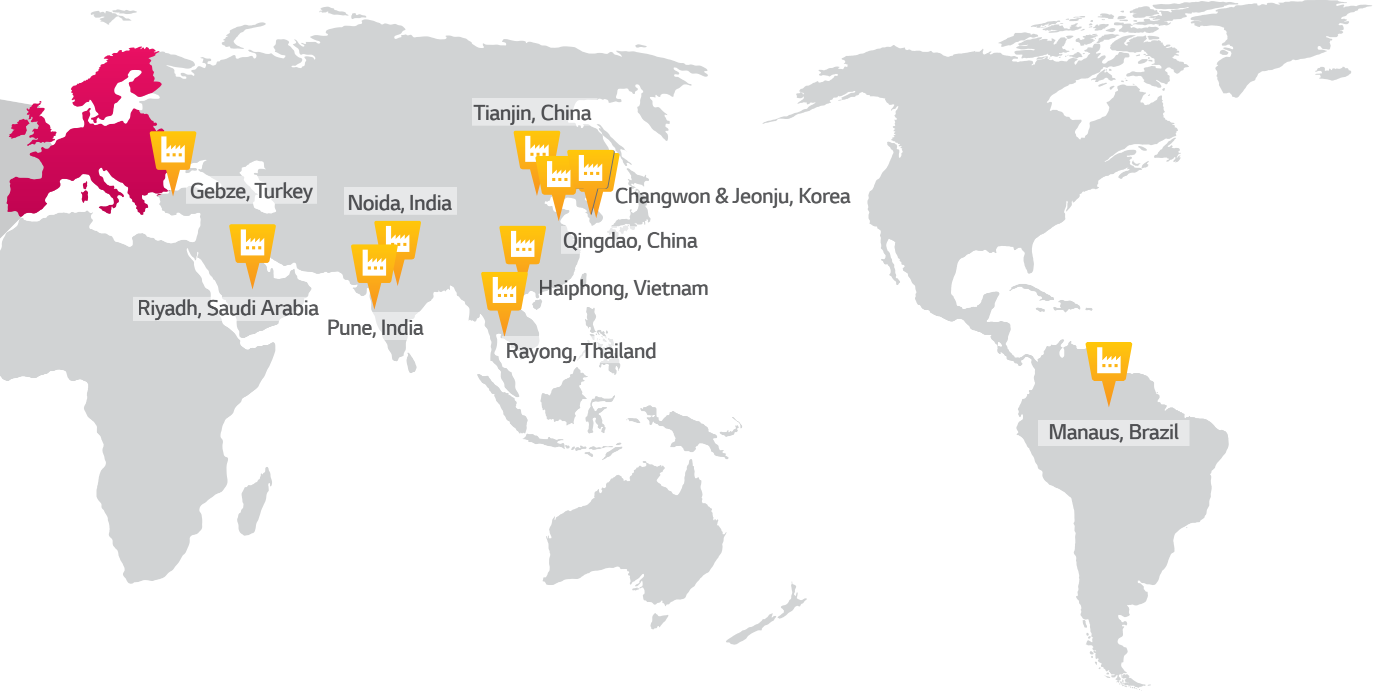
LG Energy Labs in Europe

Committed to meet all the requirements regarding energy efficiency and environmental demands, LG has been running Energy Labs. LG Energy Lab is an innovative site dedicated to commercial and residential products in heating, ventilation and the latest energy efficient air conditioning solutions. Also as a showcase, LG Energy Lab is equipped with complete monitoring and control systems. The performance of all products will be tracked and analyzed by a team of Research and Development engineers based in France, Finland and Korea, ensuring efficiency and reliability during the whole product lifecycle.

European Air Conditioning Distribution Center

LG's European Air Conditioning Distribution Center is located in Oosterhout, the Netherlands. Supplying and delivering products to 15 countries in Europe, this distribution hub has contributed to smooth and rapid delivery, direct shipping for smaller orders and delivery tailored to air conditioners. The hub tries to manage inventory efficiency by taking advantage of LG EU's established inventory pool.

GLOBAL PRODUCTION SITE



LG Electronics products sold in Europe are 'Made in Korea' (except for ceiling suspended unit).

TOTAL HVAC SOLUTION PROVIDER

Ever since manufacturing Korea's first home grown air conditioner in 1968, LG has remained at the forefront of air conditioning innovation. LG has been the world's top selling manufacturer of residential air conditioning solutions. In 2008, LG achieved to sell the total of more than 100 million air conditioners. Building on its success and technological leadership in the residential air conditioning sector, LG has moved into system air conditioning as well.

The company's range of high performance system air conditioning products provide effective temperature control to large-scale buildings and facilities. Overtime, LG has evolved into the total HVAC and energy solution provider, investing in new technologies and adding chillers, VRF systems, and building management systems (BMS) into its comprehensive product portfolio. Along with a wide range of innovative solutions, LG delivers unrivalled customer service.

The company produces top-notch air conditioning professionals at its academies, of which there are nearly 80 worldwide. These centers of excellence provide workshops and training programs that offer invaluable hands-on experience. LG also provides useful tools for HVAC system engineers and installers, including its time saving LG Air Conditioner Technical Solution(LATS) software. Additionally, LG operates several state-of-the-art R&D facilities all across the planet.

One such facility is the Energy Lab, a purpose-built R&D and testing center in northern France. Helping to keep the company ahead of the competition, the scientists and engineers at the Energy Lab study the effects of different environmental conditions on LG's products. This in-depth research and analysis enables LG to tailor its solutions to the specific environmental demands of each individual market. Combining the best technologies with the best ideas, LG's high quality products are now enjoyed by customers in over 100 countries.

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SINGLE SPLIT

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Combination Table 134

SINGLE SPLIT

20 Ceiling Mounted Cassette
30 Ceiling Concealed Duct
43 Ceiling & Floor Convertible
Ceiling Suspended Unit
52 Console
58 Wall Mounted
62 Synchro Operation
68 AHU Combination
70 Accessories

SINGLE SPLIT LINE UP

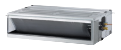
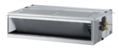
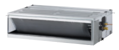
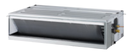
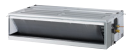
H-INVERTER

kBtu	Type kW	Ceiling Mounted Cassette	Ceiling Concealed Duct	Ceiling Suspended Unit	Universal Outdoor Units	
					1 Phase	3 Phase
24	7.1	UT24H NN1	UB24H NG1	UV24H NK1	UU24WH U41	
36	10.0	UT36H NM4	UB36H NR3	UV36H NL4	UU36WH U34	UU37WH U33
42	12.5	UT42H NM4	UB42H NR3	UV42H NL4	UU42WH U34	UU43WH U33
48	14.0	UT48H NM4	UB48H NR3	UV48H NL4	UU48WH U34	UU49WH U33

ECONO-INVERTER

kBtu	Type kW	Ceiling Mounted Cassette	Ceiling Concealed Duct	Ceiling Suspended Unit	Universal Outdoor Units	
					1 Phase	3 Phase
18	5.0		*New* UB18E NH0		*New* UU18WE UL0	
24	7.1		*New* UB24E NH0		*New* UU24WE UE0	

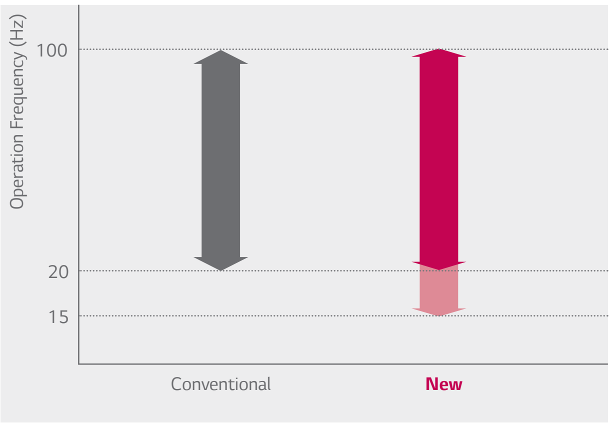
STANDARD INVERTER

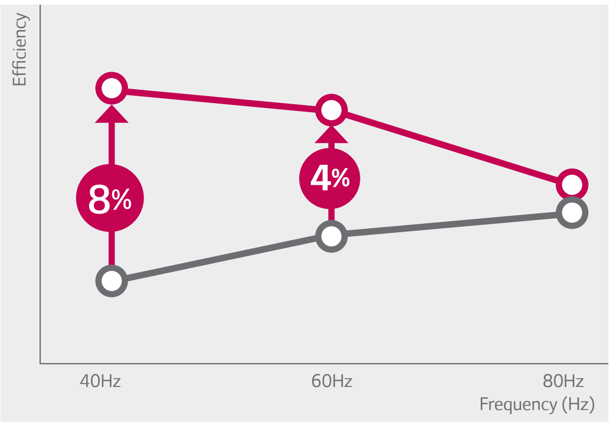
kBtu	Type kW	Ceiling Mounted Cassette	Ceiling Concealed Duct		Ceiling & Floor / Ceiling Suspended	Console / Wall mounted / Floor standing	Universal Outdoor Units	
			Mid/High Static	Low Static			1 Phase	3 Phase
9	2.5	CT09 NR2		CB09L N12	CV09 NE2	CQ09 NA0	UU09W ULD	
12	3.5	CT12 NR2		CB12L N22	CV12 NE2	CQ12 NA0	UU12W ULD	
18	5.0	CT18 NQ2	 CM18 N14	CB18L N22	CV18 NJ2	CQ18 NA0	UU18W UE2	
24	7.1	CT24 NP2	 CM24 N14	CB24L N32	CV24NJ2		UU24W U42	
30	8.0	UT30 NP2	 UM30 N14		UV30 NJ2	UJ30 NV2	UU30W U42	
36	10.0	UT36 NN2	UM36 N24		UV36 NK2	UJ36 NV2	UU36W UO2	UU37W UO2
42	12.5	UT42 NM2	UM42 N24		UV42 NL2		UU42W U32	UU43W U32
48	14.0	UT48 NM2	 UM48 N34		UV48 NL2	UP48 NT2	UU48W U32	UU49W U32
60	15.0	UT60 NM2	 UM60 N34		UV60 NL2		UU60W U32	UU61W U32
70	20.0		*New* UB70 N94					*New* UU70W U34
85	25.0		*New* UB85 N94					*New* UU85W U74

ENERGY EFFICIENCY

BLDC (Brushless Direct Current Motor) Compressor

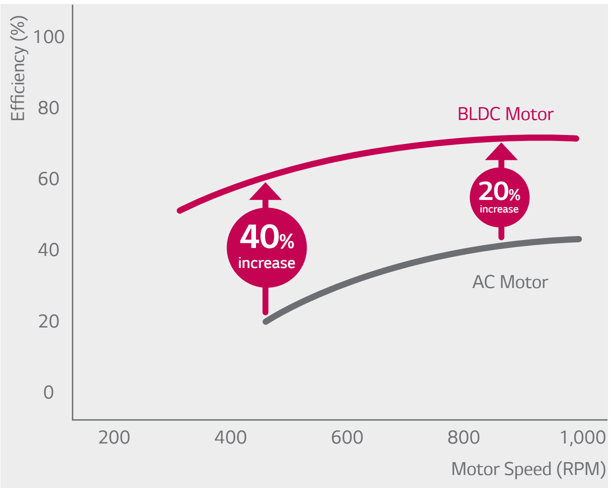
LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet.
The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.





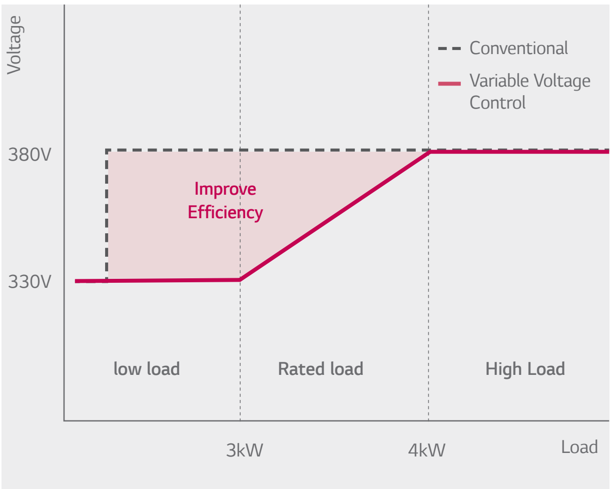
BLDC Fan Motor

The BLDC Fan Motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



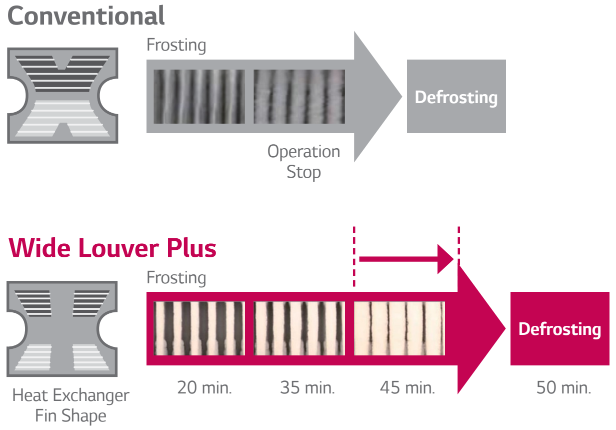
Variable Voltage Control

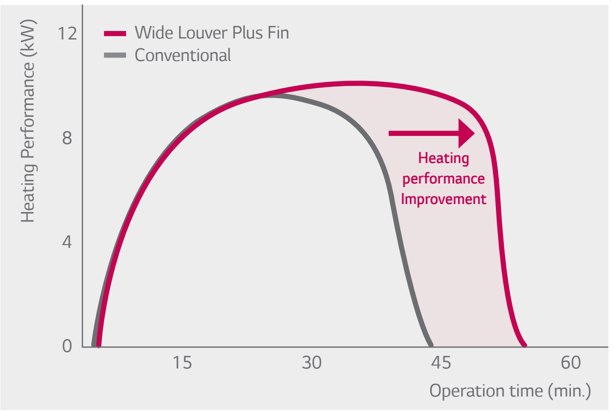
The compressor of new H-Inverter improved efficiency by adjusting compressor input voltage depends on the compressor input load.



Wide Louver Plus Fin

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


Conventional
Frosting
Defrosting
Operation Stop
Wide Louver Plus
Frosting
Defrosting
Heat Exchanger Fin Shape
20 min.
35 min.
45 min.
50 min.



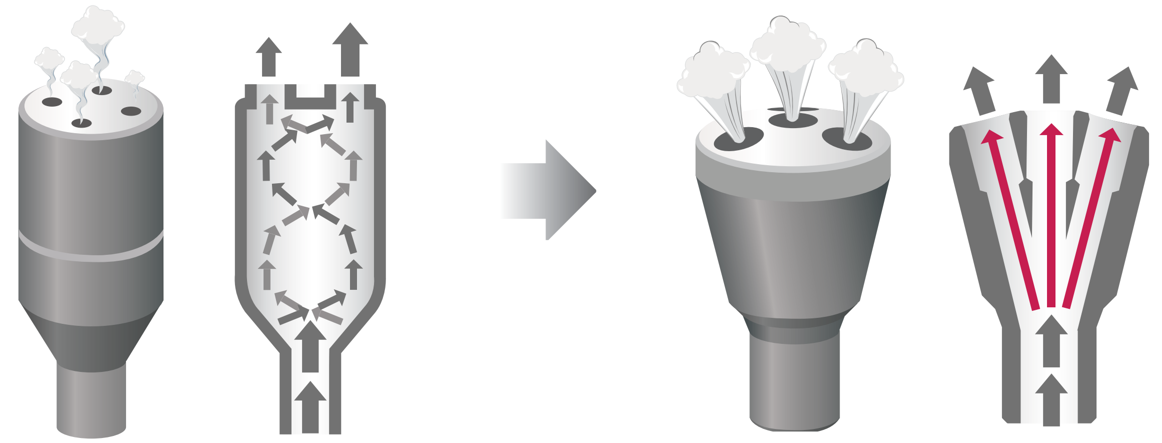
* Based on UU24W U42

Optimised Heat Exchanger Path

Optimised heat exchanger path improved cycle efficiency up to 5%.

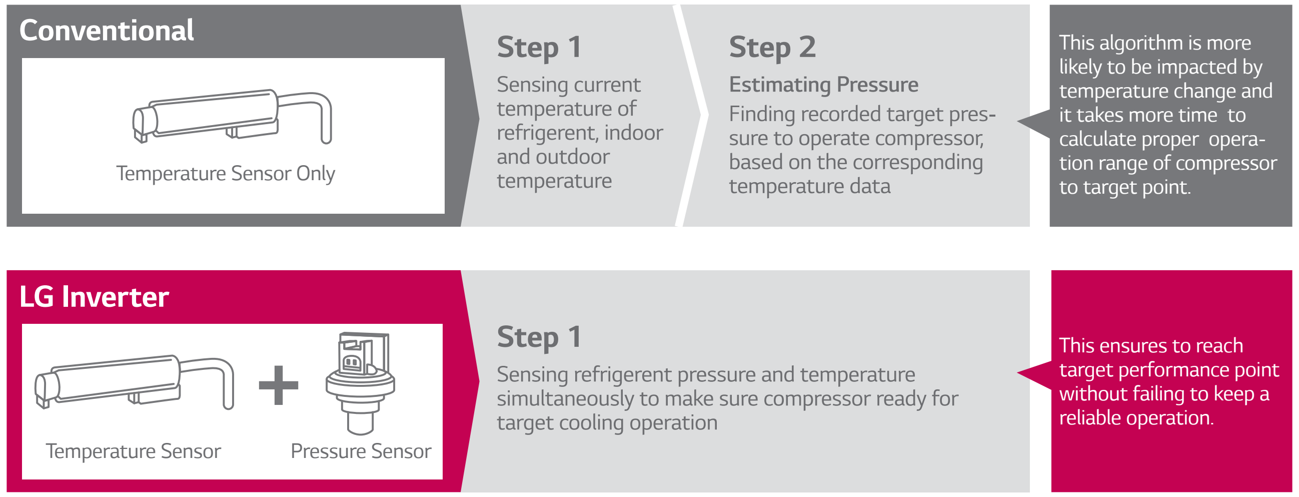
Conventional
Unequal Distribution

New
Equal Distribution



EFFICIENT OPERATION

Quick Operating Response



Conventional

Temperature Sensor Only

Step 1

Sensing current temperature of refrigerent, indoor and outdoor temperature

Step 2

Estimating Pressure

Finding recorded target pressure to operate compressor, based on the corresponding temperature data

This algorithm is more likely to be impacted by temperature change and it takes more time to calculate proper operation range of compressor to target point.

LG Inverter

Temperature Sensor + Pressure Sensor

Step 1

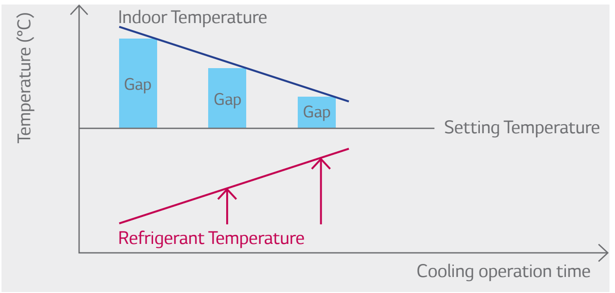
Sensing refrigerent pressure and temperature simultaneously to make sure compressor ready for target cooling operation

This ensures to reach target performance point without failing to keep a reliable operation.

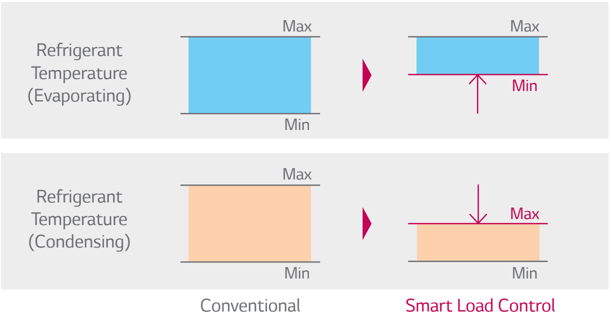
Smart Load Control

LG commercial air conditioners will automatically change discharge air temperature by controlling their refrigerant temperature based on the gap between the indoor temperature and the target indoor temperature. In cooling operation, evaporating temperature will increase if the gap becomes smaller. This can make more comfortable indoor air, and also reduce energy consumption.

Comfortable Indoor Air

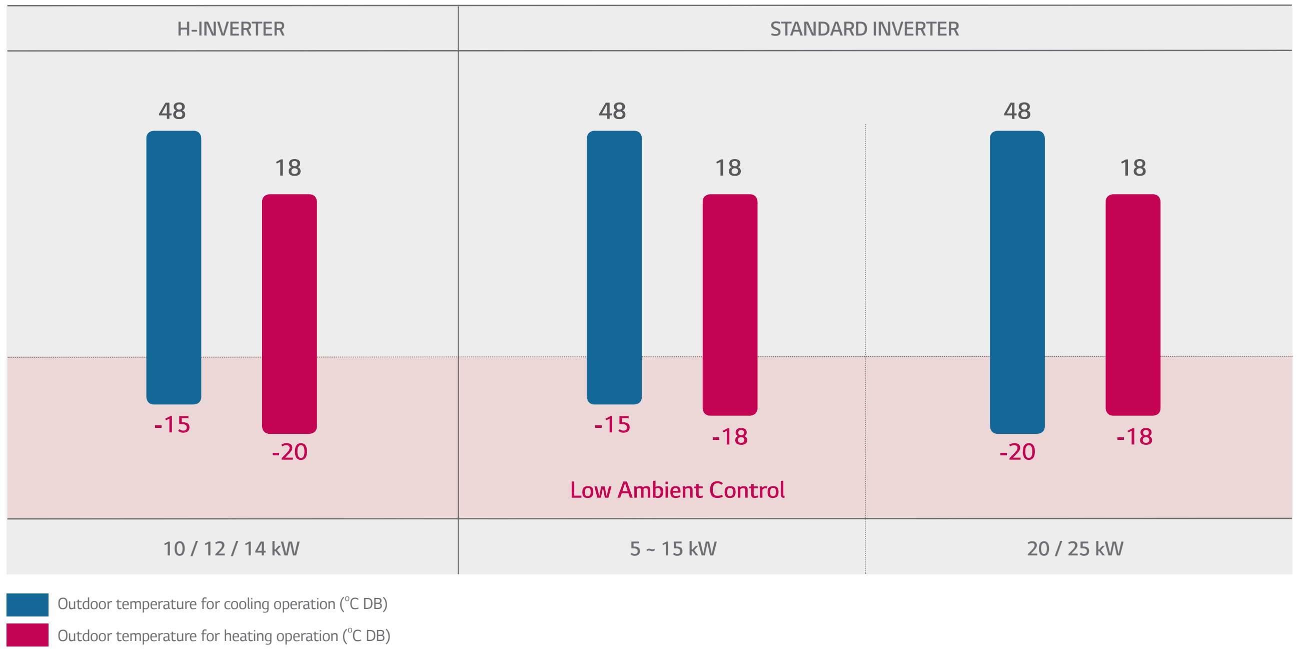

Temperature (°C)
Indoor Temperature
Gap
Gap
Gap
Setting Temperature
Refrigerant Temperature
Cooling operation time

Energy Saving


Refrigerant Temperature (Evaporating)
Max
Min
Max
Min
Refrigerant Temperature (Condensing)
Max
Min
Max
Min
Conventional
Smart Load Control

PERFORMANCE

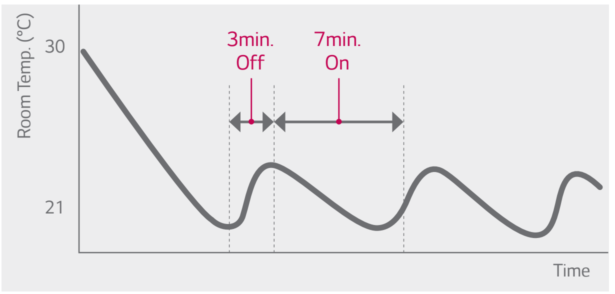
Wide Operation Range



Stable Operation

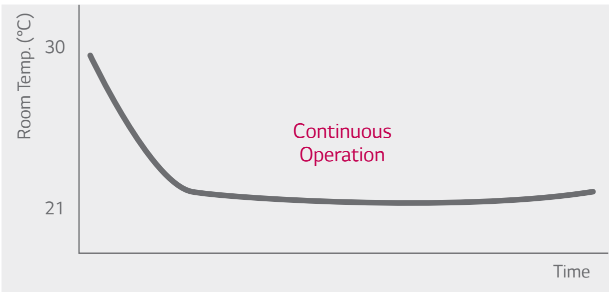
High and stable cooling performance at low temperatures.

Conventional



* Outdoor -10°C

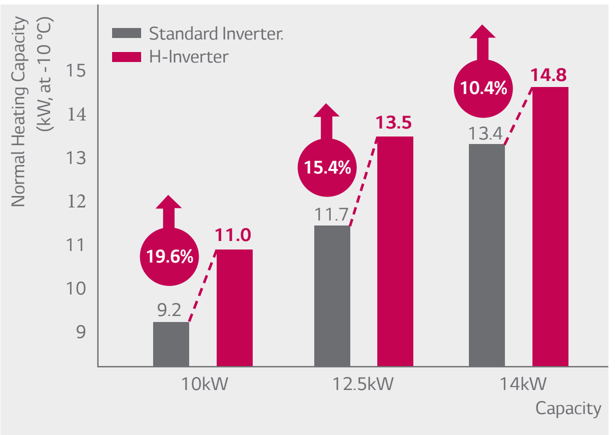
New



* Outdoor -15°C

Heating Capacity in Low Temperature

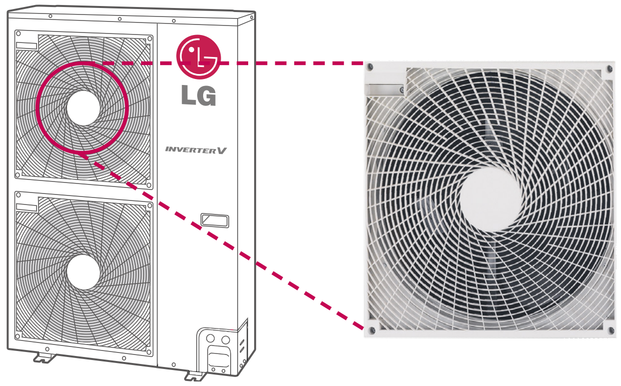
High and stable performance at low temperatures.



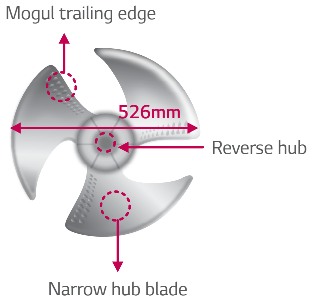
QUIET OPERATION

Improved Grille & Fan

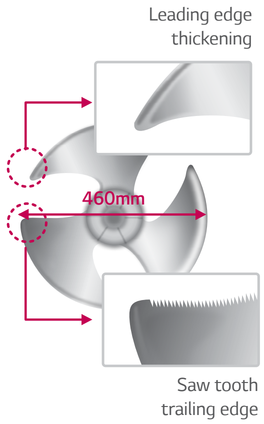
The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial Fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.


LG
INVERTER V

Grille


Mogul trailing edge
526mm
Reverse hub
Narrow hub blade

Fan Type 1

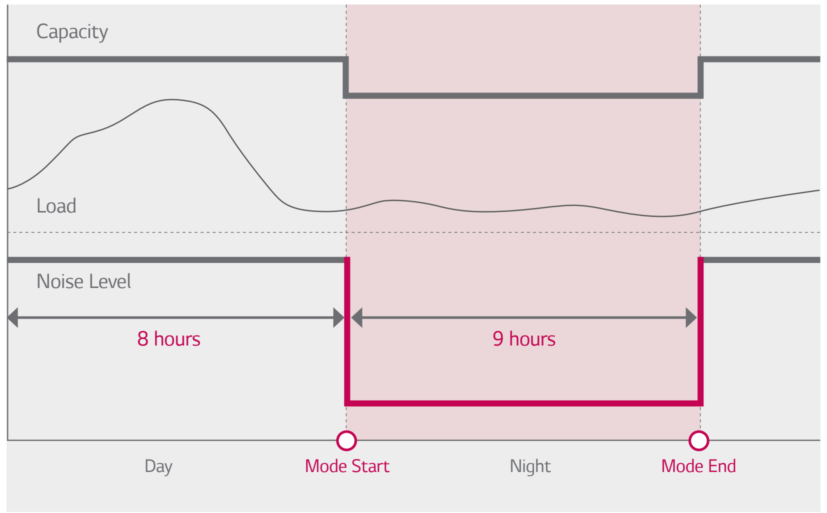

Leading edge thickening
460mm
Saw tooth trailing edge

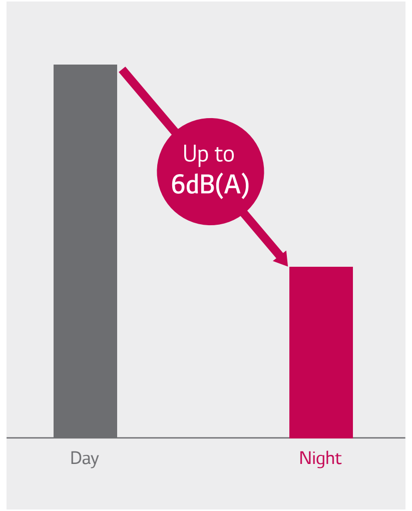
Fan Type 2

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.

- **Cooling Mode**



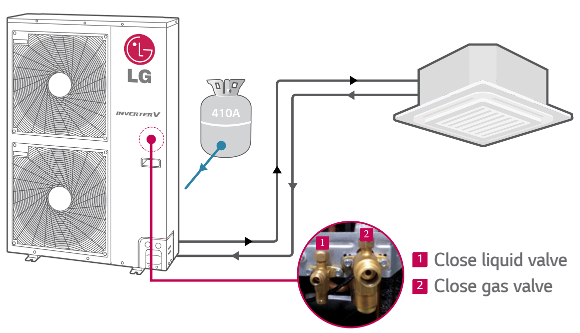


CONVENIENCE

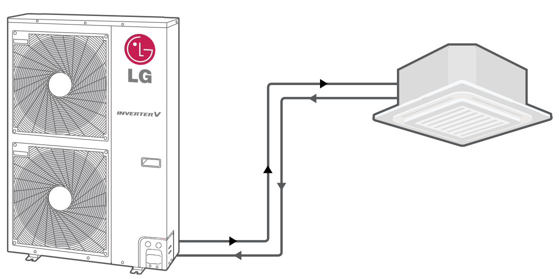
Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature. More importantly this function can be used when indoor units are being moved or repaired.

Recharging

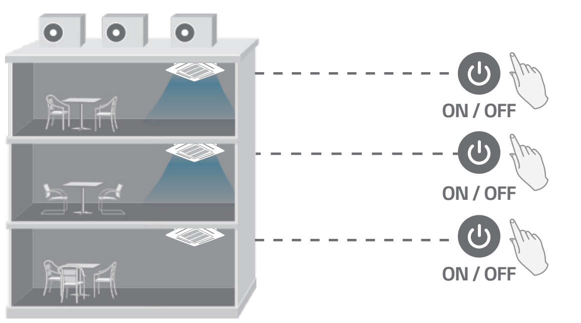

LG
410A
1 Close liquid valve
2 Close gas valve

Pump Down



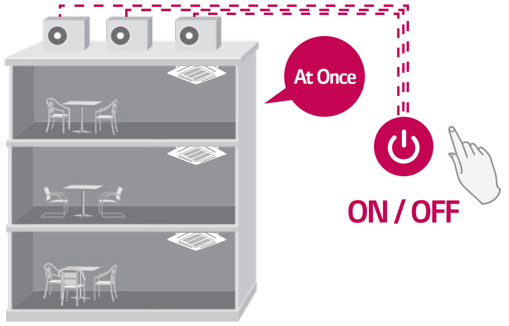
Outdoor Dry Contact

Air conditioners can be turned on/off at once with the on/off dry contact function that outdoor units have.


ON / OFF
ON / OFF
ON / OFF

Conventional

On/Off is controlled by each unit

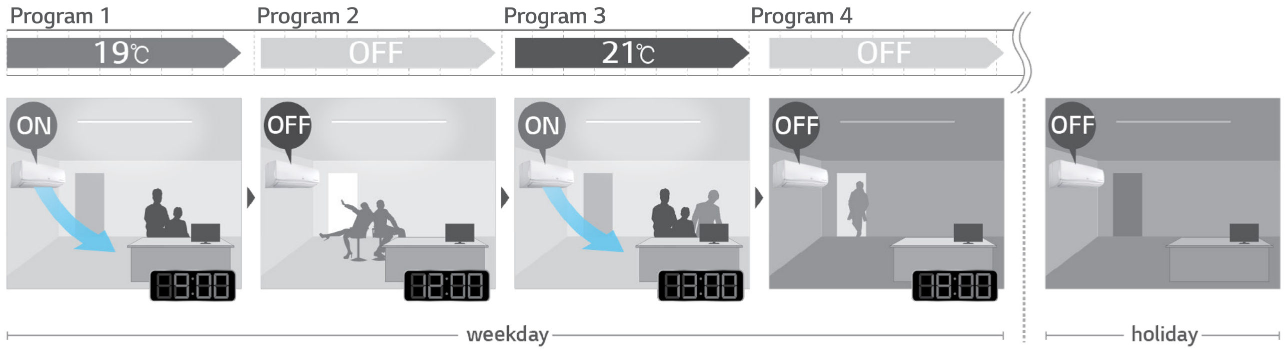

At Once
ON / OFF

New

On/Off is controlled at once

Weekly Program

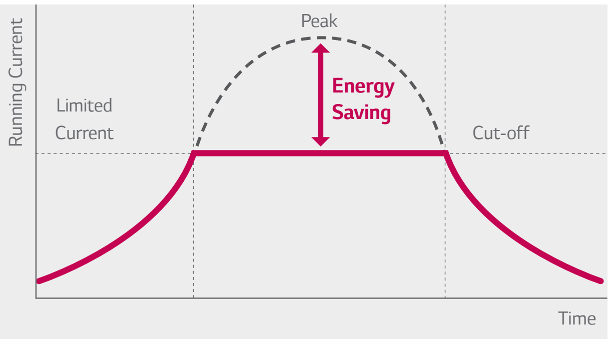
You can set up 2 reservations for one day, and up to 14 reservations for a week.


Program 1
Program 2
Program 3
Program 4
19℃
OFF
21℃
OFF
ON
OFF
ON
OFF
OFF
weekday
holiday

SAVING COST

Peak Current Control

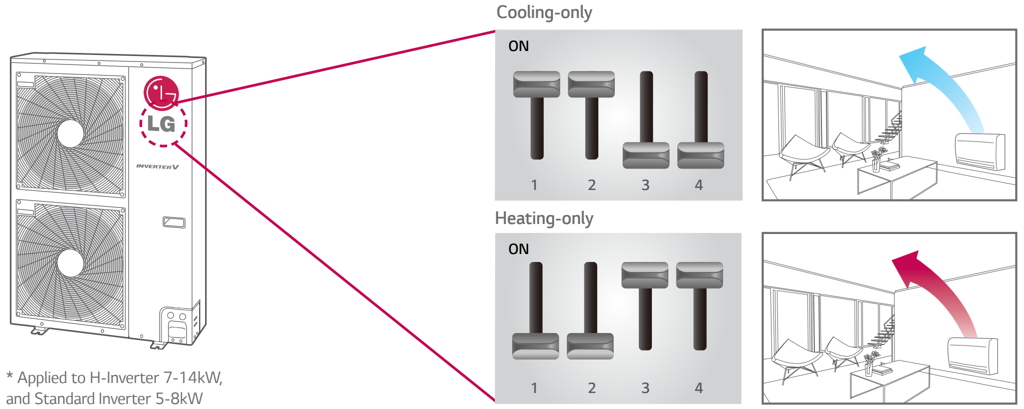
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption.
This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to H-Inverter 10~14kW

Mode Lock

Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.

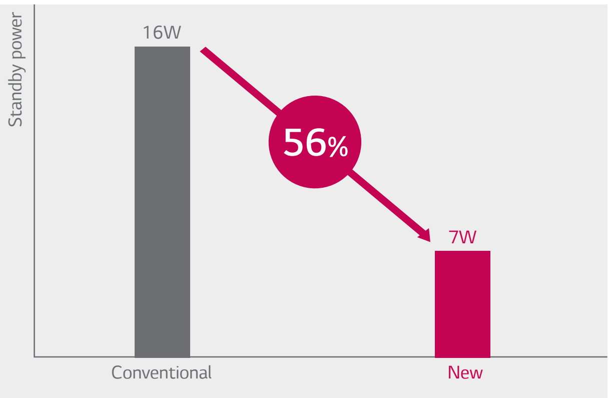


* Applied to H-Inverter 7-14kW,
and Standard Inverter 5-8kW

Standby Mode

New H-Inverter can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.

1-phase 10~14kW



FEATURES OVERVIEW

		H-Inverter				Standard Inverter											Econo	
	kBTU	24	36	42	48	9	12	18	24	30	36	42	48	60	70	85	18	24
	kW	7.1	10.0	12.5	14.0	2..5	3.5	5.0	7.1	8.0	10.0	12.5	14.0	15.0	20.0	25.0	5.0	7.1
Energy Efficiency	BLDC Compressor	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
	BLDC Fan Motor	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
	Variable Voltage Control	●	●	●	●			●	●	●	●	●	●	●	●	●		
	Wide Louver Plus Fin	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
	Optimised Heat Exchanger Path	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
Efficient Opeartion	Smart Load Control	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
	Quick Operation Response	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
Performance	Wide Operation Range	●	●	●	●			●	●	●	●	●	●	●	●	●		
	Stable Operation	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
Quiet Operation	Night Silent Operation	●	●	●	●			●	●	●	●	●	●	●	●	●		
Convenience	Forced Cooling Operation	●	●	●	●			●	●	●	●	●	●	●	●	●		
	Outdoor Dry Contact	●	●	●	●			●	●	●	●	●	●	●	●	●		
	Weekly Program *	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Saving Cost	Peak Current Control		●	●	●										●	●		
	Mode Lock		●	●	●										●	●		
	Standby Mode		●	●	●										●	●		
AHU Combination	Return Air Control	●	●	●	●			●	●	●	●	●	●	●	●	●		
	0-10V Supply Air Control							●	●	●					●	●		
Central Control	PI-485 Connection	●	●	●	●			●	●	●	●	●	●	●	●	●		

* Weekly program is available with wired remote controller

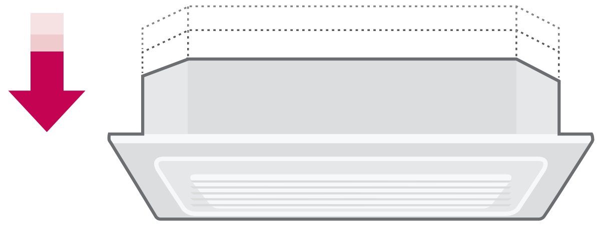
SINGLE SPLIT

CEILING MOUNTED CASSETTE

CEILING MOUNTED CASSETTE

Compact Size

The indoor unit with slim and compact dimensions has reduced the restriction which enables successful installation in various spaces.

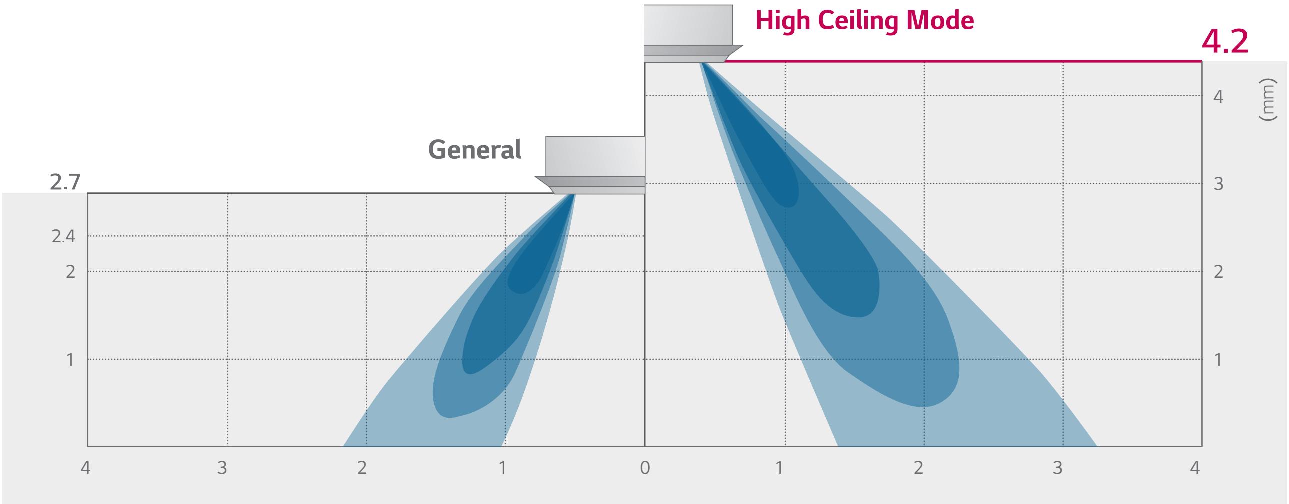


Length width : 840X840mm

Standard Inverter	Height
7.1-8.0 kW	204mm
10.0 kW	246mm
12.5-15 kW	288mm

High Ceiling Mode

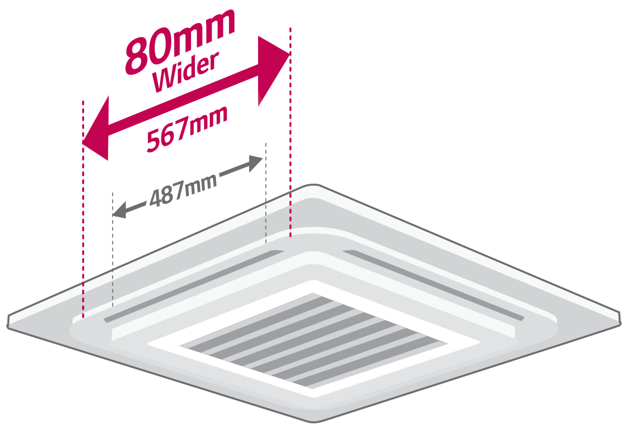
High ceiling mode provides powerful cooling and heating up to 4.2m in height, from ceiling to floor.



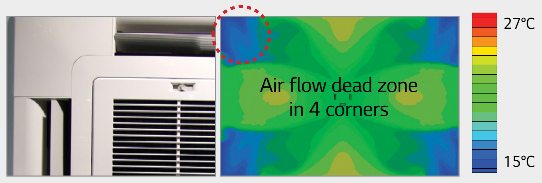
CEILING MOUNTED CASSETTE

Wide Jet Air Flow

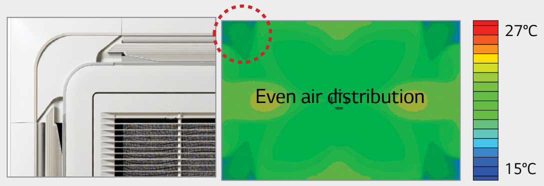
Improved vanes reduce the curved area and provide even distribution.


80mm
Wider
567mm
487mm

Conventional



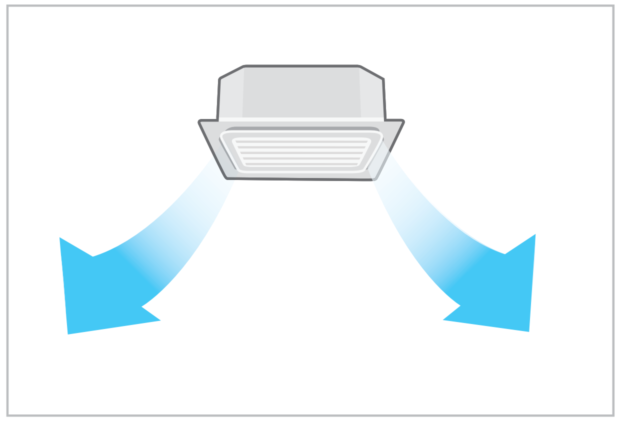
LG Cassette



Independent Vane Operation

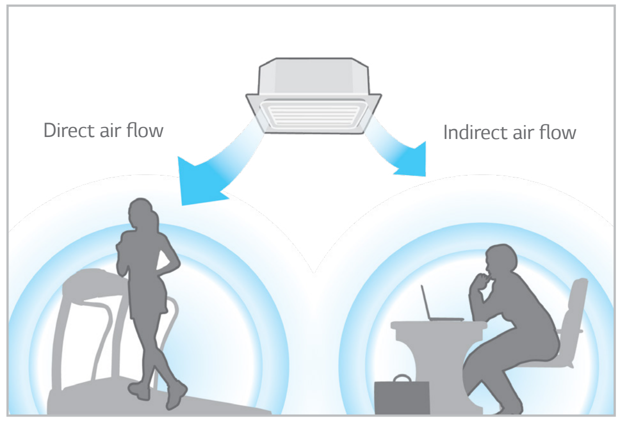
The independent vane operation feature uses separate motors, making it possible to control all four vanes independently.

All Vane Operation



* Wired remote controller PQRCVSLO(QW) applied

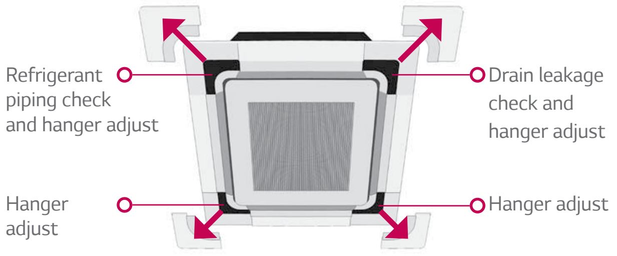
Independent Vane Control


Direct air flow
Indirect air flow

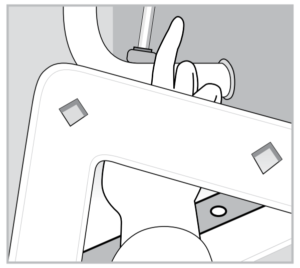
Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe.

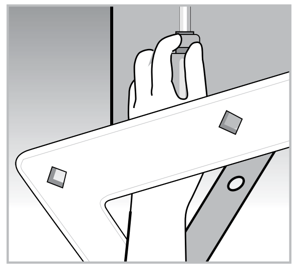
Detachable Corner Design


Refrigerant piping check and hanger adjust
Drain leakage check and hanger adjust
Hanger adjust
Hanger adjust

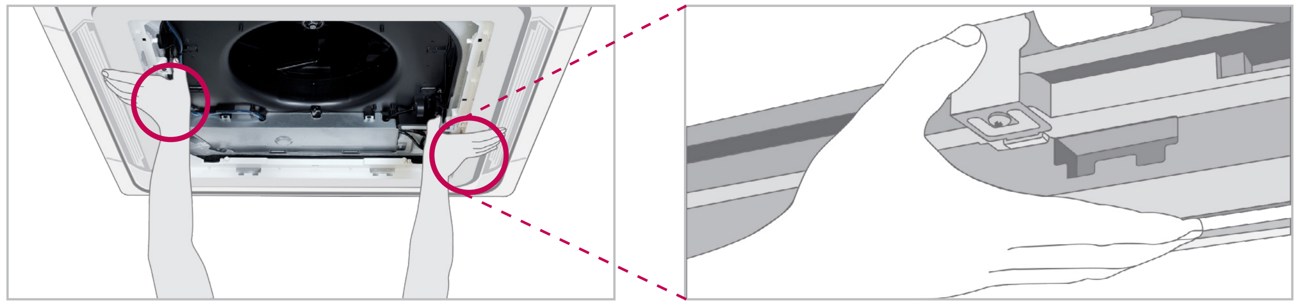
Drain Leakage Check



Hanger Adjust

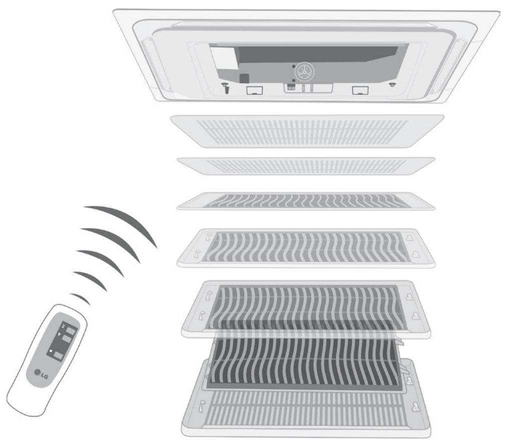


It is easy to install the panel to the body, using the button type panel design.

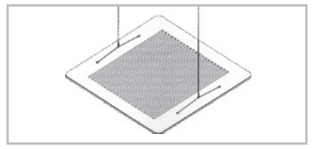


Auto Elevation Grille

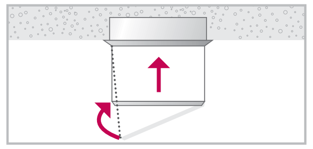
Easy filter cleaning with elevation grill.



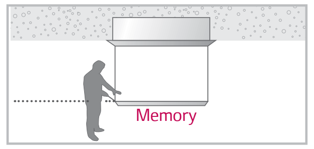
4-Point Support Structure



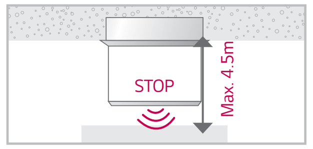
Auto Leveling



Memory for User's Level



Auto Stop Detection


STOP
Max. 4.5m

* Operating with wired remote controller PQRCVSLO(QW) and wireless remote controller included in PTEGM0.

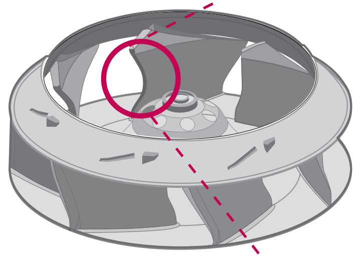
* Except CT09 NR2 / CT12 NR2 / CT18 NQ2

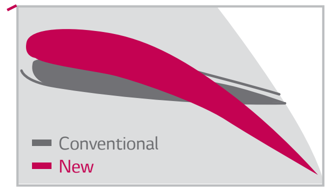
* Applied to cassette panel PT-UMC1

CEILING MOUNTED CASSETTE

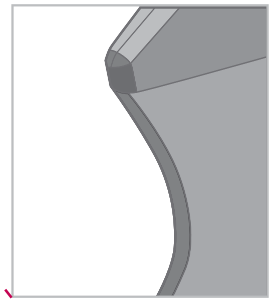
Quiet Operation with 3D Fan

New technology of 3D fan is applied to H-Inverter cassettes 10~14kW. It increases air flow but reduces noise.

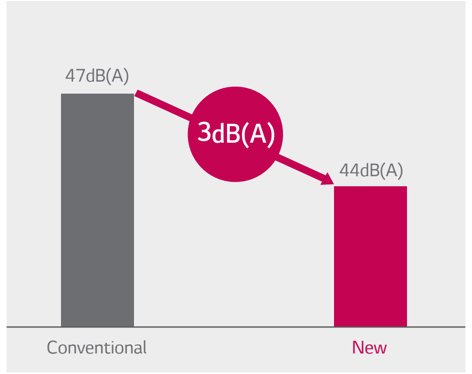




Blade Angle Changed
: Increase air flow and decrease noise



Curved Leading Edge
: Improve air flow in same RPM of conventional fans

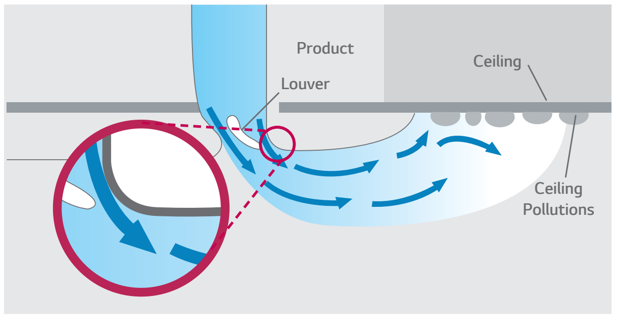


* H-Inverter Cassette 10kW

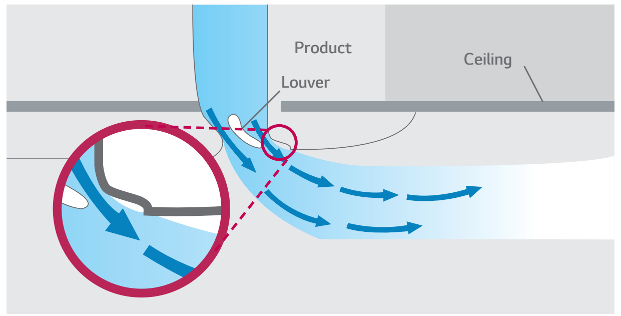
Prevent Ceiling Pollution

Coanda design of air outlet can prevent contamination of ceiling.

Conventional



Coanda Design



H-INVERTER

CEILING MOUNTED CASSETTE

UT24H / UT36H / UT42H / UT48H

UU24WH

UU36WH
UU42WH
UU48WH

INDOOR				UT24H NN1	UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling	Min/Nom/Max	kW	2.8 / 7.0 / 8.4	4.5 / 9.5 / 13.0	5.0 / 12.1 / 14.5	5.5 / 13.4 / 16.0
	Heating	Min/Nom/Max	kW	3.2 / 8.0 / 9.4	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0
Low Temperature Capacity	Heating -7°C	Max	kW	7.9	11.5	13.9	15.3
Power Input (Set)	Cooling	Nom	kW	1.92	2.15	3.13	3.80
	Heating	Nom	kW	1.93	2.39	3.35	4.05
Power Input (Indoor)		Min/Nom/Max	W	40 / 110 / 120	40 / 190 / 210	50 / 190 / 210	50 / 190 / 210
Running Current	Cooling/Heating	Nom	A	9.5 / 9.0	9.1 / 11.2	14.2 / 15.3	17.4 / 17.8
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.65	4.42	3.87	3.53
COP				4.15	4.53	4.03	3.83
SEER				5.81	7.30	-	-
SCOP				4.11	4.60	-	-
Pdesign (@-10°C)			kW	7.2	10.0	-	-
Seasonal Energy Label	Cooling/Heating			A+ / A+	A++ / A++	-	-
Annual Energy Consumption	Cooling/Heating		kWh	422 / 2,459	455 / 3,043	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	21.0 / 18.0 / 16.0	32.0 / 26.1 / 20.2	33.0 / 28.0 / 21.0	33.0 / 28.0 / 22.0
Sound Pressure	Cooling	High/Medium/Low	dBA	40 / 38 / 36	44 / 40 / 36	45 / 41 / 37	45 / 41 / 38
Sound Power	Cooling	Max	dBA	59	62	62	62
Dehumidification Rate			l/h	2.7	1.5	3.3	4.4
Dimensions	Body	WxHxD	mm	840 x 246 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	23.5	28.0	28.0	28.0
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0
OUTDOOR				**UU24WH U41**	**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	110	110	110
Sound Pressure	Cooling	Nom	dBA	47	51	52	52
	Heating	Nom	dBA	50	53	54	54
Sound Power	Cooling	Max	dBA	63	66	67	68
Dimensions	WxHxD		mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	63.0	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,200	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	40	40	40
Piping Length Total		Min~Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

H-INVERTER

CEILING MOUNTED CASSETTE

UT36H / UT42H / UT48H

UU37WH
UU43WH
UU49WH

INDOOR				UT36H NM4	UT42H NM4	UT48H NM4
Capacity	Cooling	Min/Nom/Max	kW	4.5 / 9.5 / 13.0	5.0 / 12.1 / 14.5	5.5 / 13.4 / 16.0
	Heating	Min/Nom/Max	kW	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.5	13.9	15.3
Power Input (Set)	Cooling	Nom	kW	2.15	3.13	3.80
	Heating	Nom	kW	2.39	3.35	4.05
Power Input (Indoor)		Min/Nom/Max	W	40 / 190 / 210	50 / 190 / 210	50 / 190 / 210
Running Current	Cooling/Heating	Nom	A	3.8 / 4.2	5.5 / 5.9	6.7 / 7.1
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.42	3.87	3.53
COP				4.53	4.03	3.83
SEER				6.80	-	-
SCOP				4.60	-	-
Pdesign (@-10°C)			kW	10.0	-	-
Seasonal Energy Label	Cooling/Heating			A++ / A++	-	-
Annual Energy Consumption	Cooling/Heating		kWh	489 / 3,043	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	32.0 / 26.1 / 20.2	33.0 / 28.0 / 21.0	33.0 / 28.0 / 22.0
Sound Pressure	Cooling	High/Medium/Low	dBA	44 / 40 / 36	45 / 41 / 37	45 / 41 / 38
Sound Power	Cooling	Max	dBA	62	62	62
Dehumidification Rate			l/h	1.5	3.3	4.4
Dimensions	Body	WxHxD	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net Weight	Body		kg	28.0	28.0	28.0
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0
OUTDOOR				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-20 ~ 18	-20 ~ 18	-20 ~ 18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB   Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB   - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING MOUNTED CASSETTE

CT09 / CT12 / CT18 / CT24 / UT30

UU09W
UU12W

UU24W
UU30W

INDOOR				CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2	UT30 NP2
Capacity	Cooling	Min/Nom/Max	kW	1.0 / 2.5 / 2.8	1.4 / 3.4 / 3.7	2.0 / 4.7 / 5.5	2.8 / 7.1 / 7.8	3.2 / 8.0 / 8.8
	Heating	Min/Nom/Max	kW	1.2 / 3.0 / 3.3	1.6 / 4.0 / 4.4	2.2 / 5.5 / 6.1	3.2 / 8.0 / 8.8	3.6 / 9.0 / 9.9
Low Temperature Capacity	Heating -7°C	Max	kW	2.7	3.6	4.9	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	0.75	1.06	1.46	1.92	2.49
	Heating	Nom	kW	0.81	1.10	1.52	2.21	2.72
Power Input (Indoor)		Min/Nom/Max	W	10 / 20 / 20	10 / 20 / 20	10 / 30 / 40	20 / 50 / 60	30 / 70 / 80
Running Current	Cooling/Heating	Nom	A	3.3/3.5	4.61/4.78	6.3 / 6.6	8.3 / 9.6	10.8 / 11.8
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.21	3.22	3.70	3.21
COP				3.70	3.64	3.62	3.62	3.31
SEER				5.11	5.61	4.81	6.11	6.11
SCOP				3.81	3.91	3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	4.0	6.5	6.8
Seasonal Energy Label	Cooling/Heating			A / A	A+ / A	B / A	A++ / A	A++ / A
Annual Energy Consumption	Cooling/Heating		kWh	172 / 1,032	213 / 1,077	343 / 1,474	407 / 2,395	459 / 2,505
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0	19.0 / 17.0 / 15.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34	40 / 37 / 35
Sound Power	Cooling	Max	dBA	48	51	55	57	57
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4	2.5
Dimensions	Body	WxHxD	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840
Net Weight	Body		kg	14.0	14.0	15.5	20.5	20.5
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	700 x 22 x 700	700 x 22 x 700	700 x 22 x 700	950 x 25 x 950	950 x 25 x 950
	Weight		kg	3.0	3.0	3.0	5.0	5.0
OUTDOOR				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**	**UU24W U42**	**UU30W U42**
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50	58	58
Sound Pressure	Cooling	Nom	dBA	47	47	48	48	48
	Heating	Nom	dBA	48	48	51	52	52
Sound Power	Cooling	Max	dBA	56	57	60	62	65
Dimensions	WxHxD		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	32.0	32.0	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400	2,000	2,000
	Additional Charge (after 7.5m)		g/m	20	20	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 43	-10 ~ 43	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15	20	30	30
Piping Length Total		Min~Max	m	5 ~ 15	5 ~ 15	5 ~ 40	5 ~ 50	5 ~ 50
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (3/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB   Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB   - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING MOUNTED CASSETTE

UT36 / UT42 / UT48 / UT60

UU36W

UU42W
UU48W
UU60W

INDOOR				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.5/13.8	5.5/13.9/15.7	5.9/14.6/16.3
	Heating	Min/Nom/Max	kW	4.4/11.0/12.1	5.0/14.0/15.4	6.4/15.4/17.6	6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.49	5.50
Power Input (Indoor)		Min/Nom/Max	W	40/130/140	70/190/210	80/190/210	80/190/210
Running Current	Cooling/Heating	Nom	A	12.3/13.4	16.9/16.9	20.1/19.6	23.5/23.9
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	648/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m³/min	24.0/22.0/19.0	30.0/28.0/26.0	34.0/32.0/30.0	34.0/32.0/30.0
Sound Pressure	Cooling	High/Medium/Low	dBA	43/40/37	46/44/43	49/47/45	49/47/45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	WxHxD	mm	840x246x840	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0
OUTDOOR				**UU36W UO2**	**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Power Supply Cable			No.xmm²	3Cx5.0	3Cx5.0	3Cx5.0	3Cx5.0
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING MOUNTED CASSETTE

3Phase

UT36 / UT42 / UT48 / UT60

UU37W

UU43W
UU49W
UU61W

INDOOR				UT36 NN2	UT42 NM2	UT48 NM2	UT60 NM2
Capacity	Cooling	Min/Nom/Max	kW	4.0/10.0/11.0	5.0/12.5/13.8	5.5/13.9/15.7	5.9/14.6/16.3
	Heating	Min/Nom/Max	kW	4.4/11.0/12.1	5.0/14.0/15.4	6.4/15.3/17.6	6.8/16.9/18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.8	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.82	3.89	4.62	5.40
	Heating	Nom	kW	3.09	3.88	4.49	5.50
Power Input (Indoor)		Min/Nom/Max	W	40/130/140	70/190/210	80/190/210	80/190/210
Running Current	Cooling/Heating	Nom	A	4.1/4.5	5.6/5.6	6.7/6.5	7.8/8.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.55	3.21	3.01	2.70
COP				3.56	3.61	3.41	3.07
SEER				5.41	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	648/2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m³/min	24.0/22.0/19.0	30.0/28.0/26.0	34.0/32.0/30.0	34.0/32.0/30.0
Sound Pressure	Cooling	High/Medium/Low	dBA	43/40/37	46/44/43	49/47/45	49/47/45
Sound Power	Cooling	Max	dBA	62	65	66	66
Dehumidification Rate			l/h	2.7	3.6	4.4	5.5
Dimensions	Body	WxHxD	mm	840x246x840	840x288x840	840x288x840	840x288x840
Net Weight	Body		kg	22.3	24.6	24.6	24.6
Decoration Panel	Model			PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950	950 x 25 x 950
	Weight		kg	5.0	5.0	5.0	5.0
OUTDOOR				**UU37W UO2**	**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950x1,170x330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4Cx0.75	4Cx0.75	4Cx0.75	4Cx0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

SINGLE SPLIT

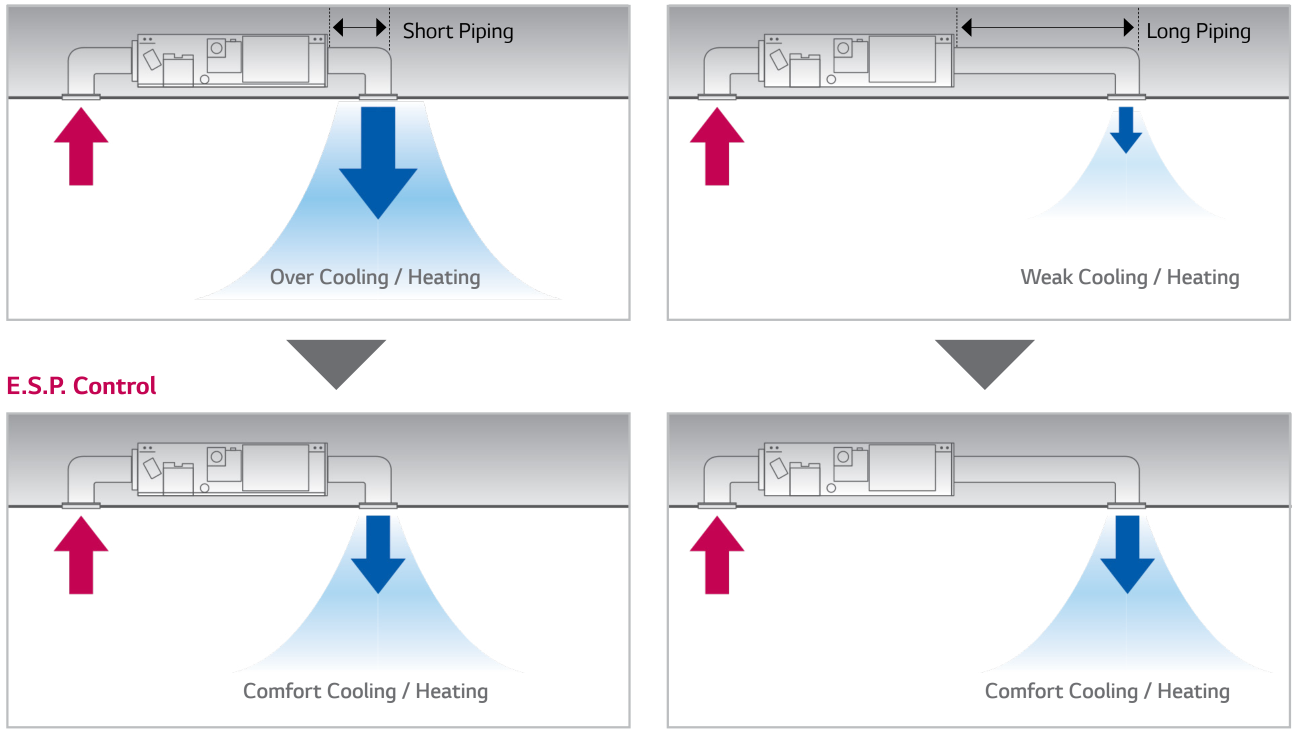
CEILING CONCEALED DUCT

CEILING CONCEALED DUCT

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

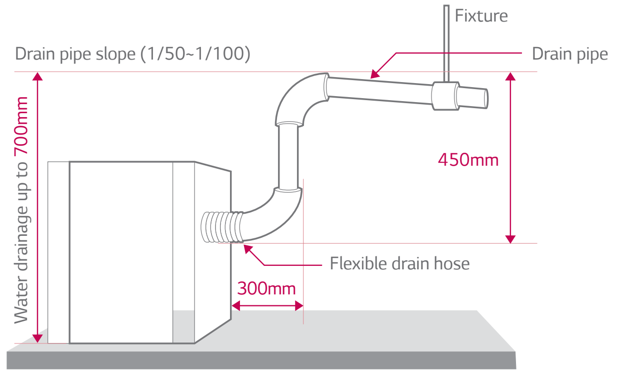
E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure. No additional accessories are necessary to control air flow.

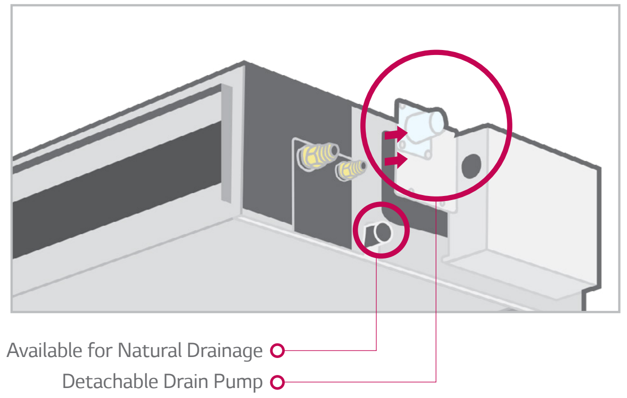
Conventional


Short Piping
Long Piping
Over Cooling / Heating
Weak Cooling / Heating
E.S.P. Control
Comfort Cooling / Heating
Comfort Cooling / Heating

High Head Drain Pump

High head drain pump automatically drains water up to 200mm of drain-head height. It provides perfect solution for water drainage. (H-Inverter : Included / Standard Inverter : Accessory (ABDPG) / Low-static duct : Included)

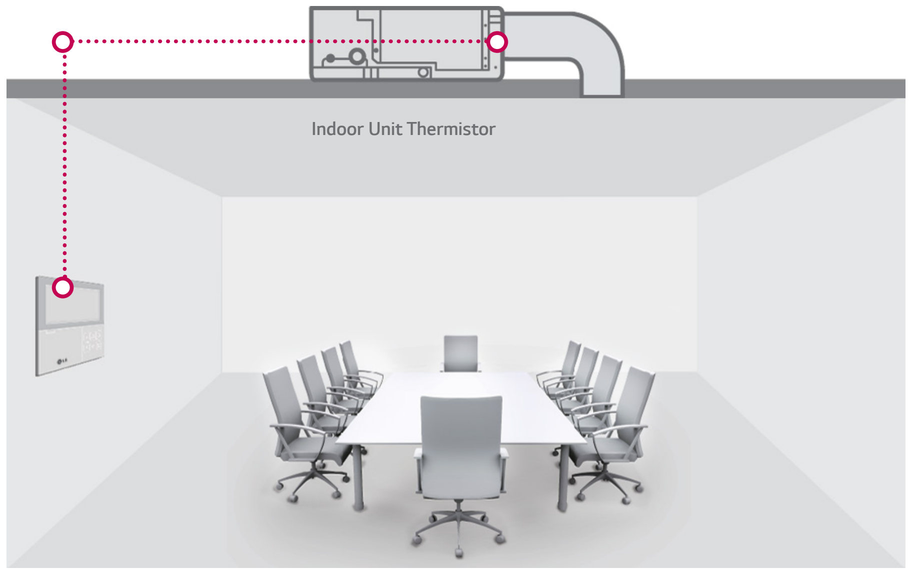

Fixture
Drain pipe slope (1/50~1/100)
Drain pipe
450mm
Water drainage up to 700mm
Flexible drain hose
300mm


Available for Natural Drainage
Detachable Drain Pump

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 optimise indoor air temperature for a more comfortable environment.

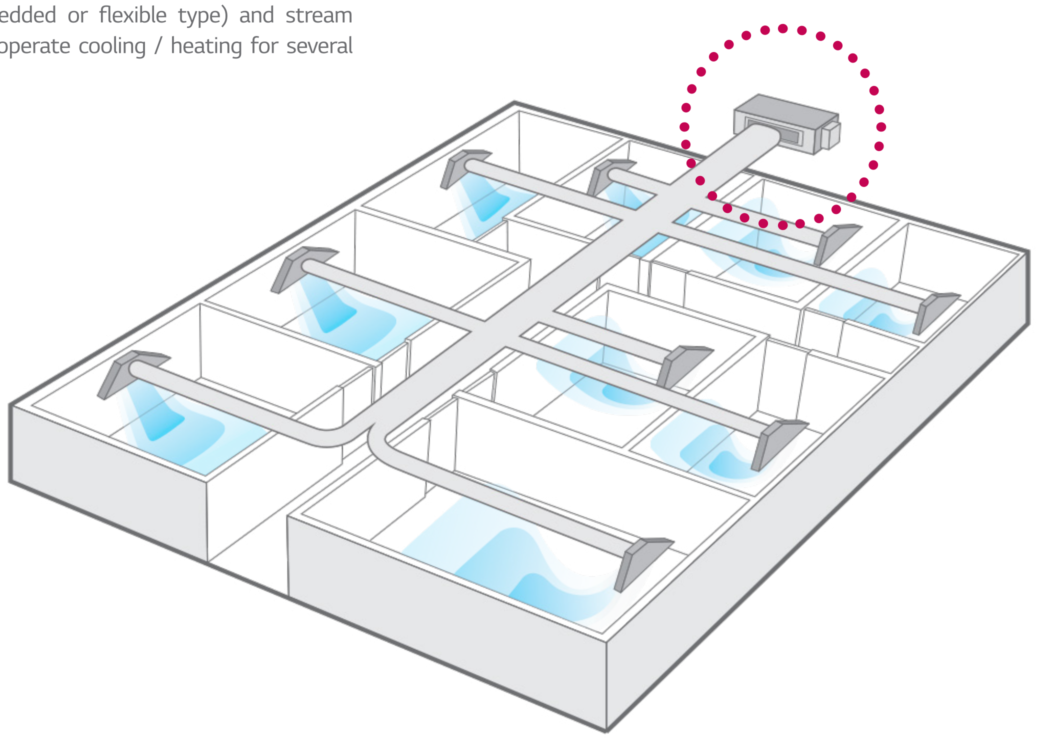


Remote Controller Thermistor

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

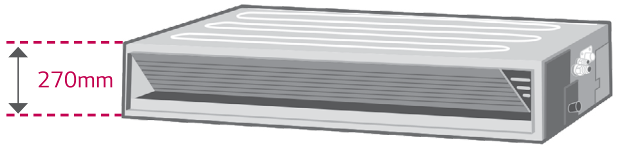
Operation for Multiple Rooms

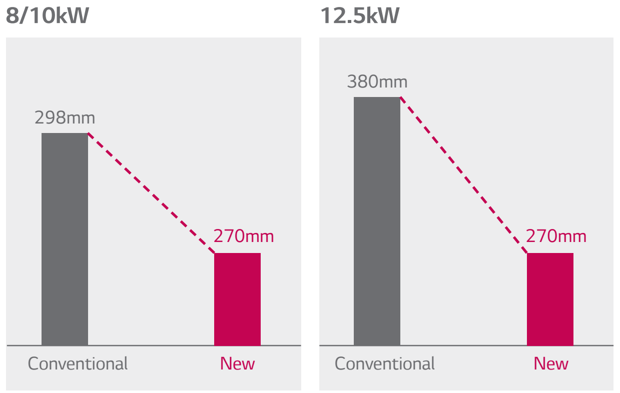
Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously.



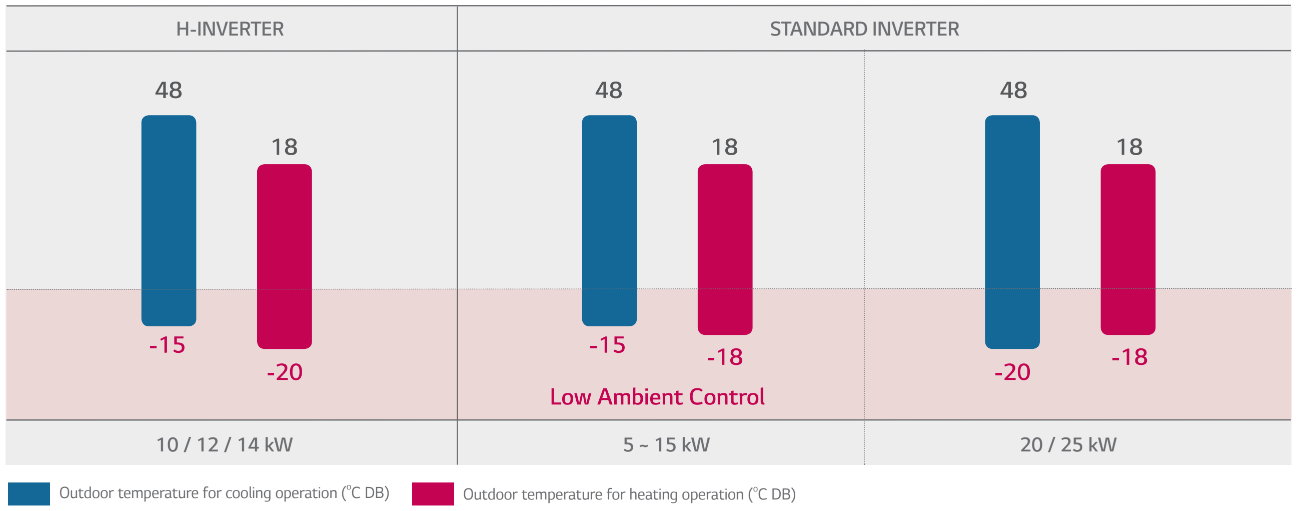
Minimized Height

New mid-static ducts provide ideal solution for installation in limited space.



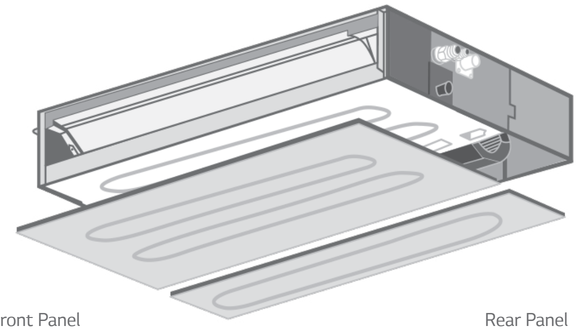


Wide Operation Range



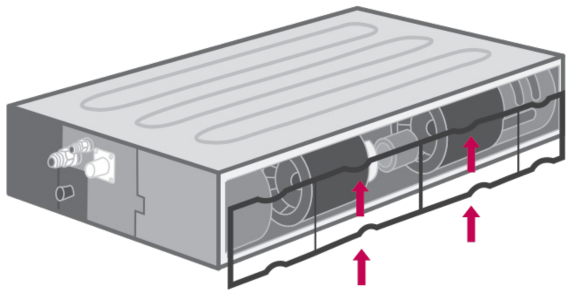
Easy Service & Maintenance

Users don't need to open whole panel for maintenance, since panel is divided into one for heat exchanger and one for fan/motor. Easily detach and attach the filter even in limited space.



Front Panel
(Heat Exchanger)

Rear Panel
(Fan / Motor)



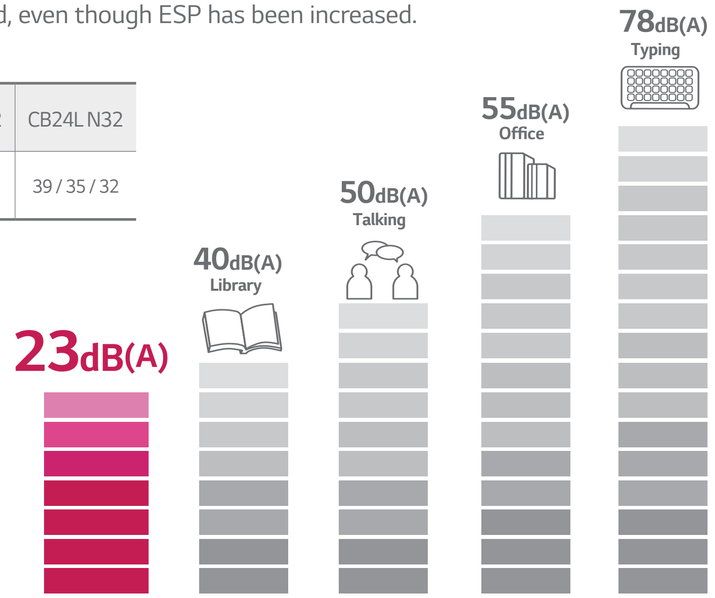
Easily detach / Attach Filter

CEILING CONCEALED DUCT LOW STATIC PRESSURE

Quiet Operation

The noise level of low static ducts have been reduced, even though ESP has been increased.

		CB09L N12	CB12L N22	CB18L N22	CB24L N32
Sound Pressure (High / Medium /Low)	db(A)	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32

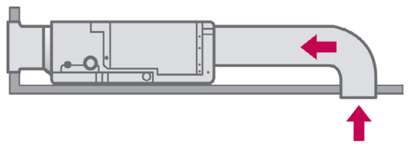


Flexible Installation

The new low static duct allows the air intake at the rear or bottom under installation condition.

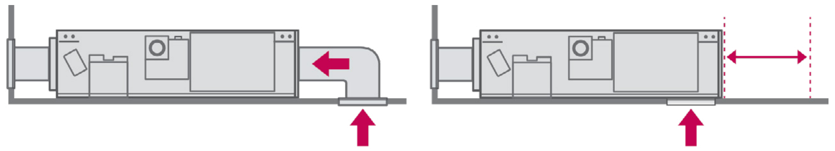
Conventional

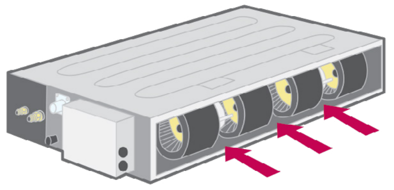
Air intake at the only rear

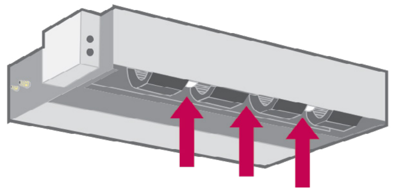


New Low Static Duct

Air intake at the rear or bottom







H-INVERTER
CEILING CONCEALED DUCT

MID/HIGH STATIC PRESSURE

UB24H / UB36H / UB42H / UB48H

UU24WH

UU36WH
UU42WH
UU48WH

INDOOR				UB24H NG1	UB36H NR3	UB42H NR3	UB48H NR3
Capacity	Cooling	Min/Nom/Max	kW	2.8 / 7.1 / 7.8	4.8/9.5/13.0	5.1/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	3.2 / 8.0 / 8.8	5.3/10.8/13.7	5.6/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	7.9	11.2	14.0	15.5
Power Input (Set)	Cooling	Nom	kW	2.09	2.16	3.16	3.88
	Heating	Nom	kW	1.99	2.57	3.50	4.18
Power Input (Indoor)		Min/Max (min ESP)	W	60 / 100	80/180	90/190	100/220
		Min/Max (max ESP)		100 / 140	100/200	120/220	190/280
Running Current	Cooling/Heating	Nom	A	9.5 / 9.0	10.0/12.0	14.5/16.2	18.1/19.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
EER				3.40	4.40	3.83	3.45
COP				4.02	4.21	3.86	3.71
SEER				5.61	6.54	-	-
SCOP				4.01	4.23	-	-
Pdesign (@-10°C)			kW	7.2	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A+/A+	A++/A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	444 / 2,520	508/3,641	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32/25	32/25	32/25	32/25
Air Flow Rate		High/Medium/Low	m³/min	25.0 / 20.0 / 14.0	34.0/28.0/21.0	37.0/31.0/24.0	40.0/34.0/28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	37 / 33 / 29	39/37/35	40/38/36	41/39/37
Sound Power	Cooling	Max	dBA	60	60	62	62
Dehumidification Rate			l/h	1.4	1.6	3.7	4.5
Dimensions	Body	WxHxD	mm	1,182 x 298 x 450	1,230x380x590	1,230x380x590	1,230x380x590
Net Weight	Body		kg	35.0	53.0	53.0	53.0
External Static Pressure		Min~Max	mmAq(Pa)	2.5~10(25~98)	4~12(39~118)	5~12(49~118)	5~12(49~118)
OUTDOOR				**UU24WH U41**	**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	110	110	110
Sound Pressure	Cooling	Nom	dBA	47	51	52	52
	Heating	Nom	dBA	50	53	54	54
Sound Power	Cooling	Max	dBA	63	66	67	68
Dimensions	WxHxD		mm	950 x 834 x 330	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	63.0	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,200	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~18	-20 ~18	-20 ~18	-20 ~18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	40	40	40
Piping Length Total		Min~Max	m	5 ~ 50	5 ~ 75	5 ~ 75	5 ~ 75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB — Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB — - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

H-INVERTER

CEILING CONCEALED DUCT

MID/HIGH STATIC PRESSURE

UB36H / UB42H / UB48H

UU37WH
UU43WH
UU49WH

INDOOR				UB36H NR3	UB42H NR3	UB48H NR3
Capacity	Cooling	Min/Nom/Max	kW	4.8/9.5/13.0	5.1/12.1/14.5	5.5/13.4/16.0
	Heating	Min/Nom/Max	kW	5.3/10.8/13.7	5.6/13.5/16.5	6.1/15.5/18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.2	14.0	15.5
Power Input (Set)	Cooling	Nom	kW	2.16	3.16	3.88
	Heating	Nom	kW	2.57	3.50	4.18
Power Input (Indoor)		Min/Max (min ESP)	W	80/180	90/190	100/220
		Min/Max (max ESP)		100/200	120/220	190/280
Running Current	Cooling/Heating	Nom	A	3.8/4.5	5.6/6.2	6.9/7.4
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.40	3.83	3.45
COP				4.21	3.86	3.71
SEER				6.54	-	-
SCOP				4.23	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++ / A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	508 / 3,641	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	34.0 / 28.0 / 21.0	37.0 / 31.0 / 24.0	40.0 / 34.0 / 28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	39 / 37 / 35	40 / 38 / 36	41 / 39 / 37
Sound Power	Cooling	Max	dBA	60	62	62
Dehumidification Rate			l/h	1.6	3.7	4.5
Dimensions	Body	WxHxD	mm	1,230 x 380 x 590	1,230 x 380 x 590	1,230 x 380 x 590
Net Weight	Body		kg	53.0	53.0	53.0
External Static Pressure		Min~Max	mmAq(Pa)	4~12(39~118)	5~12(49~118)	5~12(49~118)
OUTDOOR				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950x1,380x330	950x1,380x330	950x1,380x330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-20~18	-20~18	-20~18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

CEILING CONCEALED DUCT

MID/HIGH STATIC PRESSURE

CM18 / CM24 / UM30

UU24W
UU30W

INDOOR				CM18 N14	CM24 N14	UM30 N14
Capacity	Cooling	Min/Nom/Max	kW	2.0 / 5.0 / 5.4	2.8 / 7.1 / 7.8	3.2 / 7.8 / 8.8
	Heating	Min/Nom/Max	kW	2.4 / 6.0 / 6.6	3.2 / 8.0 / 8.8	3.6 / 9.0 / 9.9
Low Temperature Capacity	Heating -7°C	Max	kW	5.4	7.2	8.1
Power Input (Set)	Cooling	Nom	kW	1.46	2.28	2.22
	Heating	Nom	kW	1.66	2.49	2.43
Power Input (Indoor)		Min/Max (min ESP)	W	50 / 80	50 / 90	90 / 150
		Min/Max (max ESP)		90 / 160	100 / 180	160 / 240
Running Current	Cooling/Heating	Nom	A	6.3 / 7.2	10.3 / 10.8	10.1 / 10.7
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.41	3.11	3.51
COP				3.61	3.21	3.70
SEER				5.11	5.21	5.71
SCOP				3.81	3.81	4.01
Pdesign (@-10°C)			kW	3.8	6.0	6.5
Seasonal Energy Label	Cooling/Heating			A / A	A / A	A+ / A+
Annual Energy Consumption	Cooling/Heating		kWh	339 / 1,396	477 / 2,205	478 / 2,269
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5	22.0 / 20.0 / 18.0
Sound Pressure	Cooling	High/Medium/Low	dBA	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34
Sound Power	Cooling	Max	dBA	59	60	62
Dehumidification Rate			l/h	2.0	2.5	2.8
Dimensions	Body	WxHxD	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
Net Weight	Body		kg	23.8	24.2	25.3
External Static Pressure		Min~Max	mmAq(Pa)	2.5~15(25~147)	2.5~15(25~147)	2.5~15(25~147)
OUTDOOR				**UU18W UE2**	**UU24W U42**	**UU30W U42**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	48	48	48
	Heating	Nom	dBA	51	52	52
Sound Power	Cooling	Max	dBA	60	62	65
Dimensions	WxHxD		mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
	Additional Charge (after 7.5m)		g/m	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48
	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.xmm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	30	30
Piping Length Total		Min~Max	m	5~40	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

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2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING CONCEALED DUCT

MID/HIGH STATIC PRESSURE

UM36 / UM42 / UM48 / UM60

UU36W

UU42W
UU48W
UU60W

INDOOR				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min/Nom/Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.1 / 13.2	5.6 / 14.0 / 15.4	5.9 / 15.0 / 16.3
	Heating	Min/Nom/Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.0	6.6 / 15.8 / 18.2	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76	4.10	4.53
	Heating	Nom	kW	3.19	3.86	4.39	4.79
Power Input (Indoor)		Min/Max (min ESP)	W	120 / 210	140 / 260	100 / 220	220 / 290
		Min/Max (max ESP)		200 / 360	230 / 380	220 / 340	300 / 430
Running Current	Cooling/Heating	Nom	A	13.6 / 13.9	16.6 / 17.2	17.3 / 18.5	19.1 / 20.2
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.22	3.41	3.31
COP				3.51	3.63	3.60	3.51
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling/Heating			A / A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	685 / 2,866	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Power	Cooling	Max	dBA	60	62	65	66
Dehumidification Rate			l/h	3.2	3.6	4.5	5.0
Dimensions	Body	WxHxD	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
Net Weight	Body		kg	36.0	37.0	42.5	42.5
External Static Pressure		Min~Max	mmAq(Pa)	4~15(39~147)	5~15(49~147)	5~15(49~147)	5~15(49~147)

OUTDOOR				UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 5.0	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

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2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING CONCEALED DUCT

MID/HIGH STATIC PRESSURE

3Phase

UM36 / UM42 / UM48 / UM60

UU37W

UU43W
UU49W
UU61W

INDOOR				UM36 N24	UM42 N24	UM48 N34	UM60 N34
Capacity	Cooling	Min/Nom/Max	kW	4.0 / 10.0 / 11.0	5.0 / 12.5 / 13.8	5.6 / 14.0 / 15.4	5.9 / 15.0 / 16.3
	Heating	Min/Nom/Max	kW	4.5 / 11.2 / 12.3	5.6 / 14.0 / 15.4	6.6 / 16.4 / 18.2	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	10.0	12.5	14.8	15.2
Power Input (Set)	Cooling	Nom	kW	3.12	3.76	4.10	4.53
	Heating	Nom	kW	3.19	3.86	4.39	4.79
Power Input (Indoor)		Min/Max (min ESP)	W	120 / 210	140 / 260	100 / 220	220 / 290
		Min/Max (max ESP)		200 / 360	230 / 380	220 / 340	300 / 430
Running Current	Cooling/Heating	Nom	A	4.7 / 4.9	5.4 / 5.6	6.0 / 6.5	6.6 / 7.1
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.22	3.41	3.31
COP				3.51	3.63	3.60	3.51
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.8	-	-	-
Seasonal Energy Label	Cooling/Heating			A / A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	685 / 2,866	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Power	Cooling	Max	dBA	60	62	65	66
Dehumidification Rate			l/h	3.2	3.6	4.5	5.0
Dimensions	Body	WxHxD	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250x360x700
Net Weight	Body		kg	36.0	37.0	42.5	42.5
External Static Pressure		Min~Max	mmAq(Pa)	4~15(39~147)	5~15(49~147)	5~15(49~147)	5~15(49~147)

OUTDOOR				UU37W UO2	UU43W U32	UU49W U32	UU61W U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15~48	-15~48	-15~48	-15~48
	Heating	Min~Max	°C WB	-18~18	-18~18	-18~18	-18~18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

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2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING CONCEALED DUCT

HIGH STATIC PRESSURE

New *New*
UB70 / UB85

New

New UU70W

New UU85W

INDOOR				UB70 N94	UB85 N94
Capacity	Cooling	Min/Nom/Max	kW	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min/Nom/Max	kW	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max	kW	18.0	24.0
Power Input (Set)	Cooling	Nom	kW	6.69	8.19
	Heating	Nom	kW	6.4	8.31
Power Input (Indoor)		Min/Max (min ESP)	W	360 / 550	420 / 725
		Min/Max (max ESP)		550 / 760	610 / 920
Running Current	Cooling/Heating	Nom	A	11.5 / 10.7	13.5 / 13.6
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.84	2.81
COP				3.50	3.25
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)
	Gas		mm(inch)	ø 25.4 (1/1)	ø 22.2 (7/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure	Cooling	High/Medium/Low	dBA	43 / 41 / 40	43 / 41 / 40
Sound Power	Cooling	Max	dBA	61	61
Dehumidification Rate			l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	WxHxD	mm	1,563 × 458 × 791	1,563 × 458 × 791
Net Weight	Body		kg	90.0	90.0
External Static Pressure		Min~Max	mmAq(Pa)	6~25 (60~250)	6~25 (60~250)
OUTDOOR				**UU70W U34**	**UU85W U74**
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom	m³/min	110	190
Sound Pressure	Cooling	Nom	dBA	55	59
	Heating	Nom	dBA	58	60
Sound Power	Cooling	Max	dBA	73	74
Dimensions	WxHxD		mm	950 x 1,380 x 330	1,090 x 1,625 x 380
Net Weight			kg	110	144.0
Refrigerant	Type			R410A	R410A
	Charge		g	5,200	5,500
	Additional Charge (after *25m / **15m)		g/m	*70	**70
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-20 ~ 48	-20 ~ 48
	Heating	Min~Max	°C WB	-18 ~18	-18 ~18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	3C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 1.0	4C x 1.0
Circuit Breaker			A	30	30
Piping Length Total		Min~Max	m	75	75
Piping Elevation Difference	IDU-ODU	Max	m	30	30
Piping Connection	Liquid		mm(inch)	Ø 9.53 (3/8)	Ø 12.7 (1/2)
	Gas		mm(inch)	Ø 25.4 (1/1)	22.2 (7/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING CONCEALED DUCT

LOW STATIC PRESSURE

CB09L / CB12L / CB18L / CB24L

UU09W
UU12W

UU18W

UU24W

INDOOR				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling	Min/Nom/Max	kW	1.1 / 2.5 / 3.2	1.4 / 3.4 / 3.7	2.0 / 5.0 / 6.0	4.0 / 7.1 / 7.7
	Heating	Min/Nom/Max	kW	1.2 / 3.2 / 3.6	1.6 / 4.0 / 4.5	2.2 / 6.0 / 7.3	2.4 / 8.0 / 8.8
Low Temperature Capacity	Heating -7°C	Max	kW	3.5	4.4	6.7	8.7
Power Input (Set)	Cooling	Nom	kW	0.72	1.00	1.61	2.36
	Heating	Nom	kW	0.91	1.05	1.76	2.22
Power Input (Indoor)		Min/Max (min ESP)	W	30 / 50	80 / 95	95 / 120	90 / 150
		Min/Max (max ESP)		40 / 60	80 / 100	100 / 140	110 / 160
Running Current	Cooling/Heating	Nom	A	3.1 / 4.0	4.3 / 4.6	7.0 / 7.7	10.3 / 9.6
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.48	3.41	3.11	3.01
COP				3.51	3.81	3.41	3.61
SEER				5.11	5.61	4.61	5.11
SCOP				3.81	3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	3.8	5.8
Seasonal Energy Label	Cooling/Heating			A / A	A+ / A	B / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	172 / 1,032	213 / 1,105	377 / 1,400	487 / 2,137
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High/Medium/Low	dBA	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	WxHxD	mm	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
External Static Pressure		Min~Max	mmAq(Pa)	0~5(0~49)	0~5(0~49)	0~5(0~49)	0~5(0~49)
OUTDOOR				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**	**UU24W U42**
Compressor	Type			Rotary	Rotary	Rotary	Rotary
Airflow Rate		Nom	m³/min	32	32	50	58
Sound Pressure	Cooling	Nom	dBA	47	47	48	48
	Heating	Nom	dBA	48	48	51	52
Sound Power	Cooling	Max	dBA	56	57	60	62
Dimensions	WxHxD		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	32.0	32.0	46.0	60.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400	2,000
	Additional Charge (after 7.5m)		g/m	20	20	20	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~43	-10~43	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18~18	-18 ~18	-18 ~18	-18 ~18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15	20	30
Piping Length Total		Min~Max	m	5~15	5~15	5~40	5~50
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

ECONO-INVERTER

CEILING CONCEALED DUCT

MID STATIC PRESSURE

New UB18E / *New* UB24E

New

New UU18WE

New UU24WE

INDOOR				UB18E NH0	UB24E NH0
Capacity	Cooling	Min/Nom/Max	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.4
	Heating	Min/Nom/Max	kW	1.7 / 5.2 / 5.7	1.9 / 7.5 / 8.2
Low Temperature Capacity	Heating -7°C	Max	kW	3.9	5.7
Power Input (Set)	Cooling	Nom	kW	1.63	2.33
	Heating	Nom	kW	1.67	2.40
Power Input (Indoor)		Min/Max (min ESP)	W	40 / 60	50 / 80
		Min/Max (max ESP)		80 / 100	100 / 140
Running Current	Cooling/Heating	Nom	A	7.3 / 7.4	9.4 / 9.6
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				2.86	2.92
COP				3.11	3.13
SEER				5.11	5.38
SCOP				3.81	3.81
Pdesign (@-10°C)			kW	3.2	5.2
Seasonal Energy Label	Cooling/Heating			A / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	322 / 1,176	442 / 1,911
Piping Connection	Liquid		mm(inch)	ø 6.35(1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	13.5 / 12.0 / 10.5	18.0 / 16.5 / 14.5
Sound Pressure	Cooling	High/Medium/Low	dBA	36 / 34 / 32	38 / 36 / 34
Sound Power	Cooling	Max	dBA	59	63
Dehumidification Rate			l/h	1.1 (2.5)	2.12 (4.9)
Dimensions	Body	WxHxD	mm	882 x 260 x 450	882 x 260 x 450
Net Weight	Body		kg	25.3	26.1
External Static Pressure		Min~Max	mmAq(Pa)	2.5~8 (25~78)	2.5~8 (25~78)
OUTDOOR				**UU18WE UL0**	**UU24WE UE0**
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	28	50
Sound Pressure	Cooling	Nom	dBA	47	48
	Heating	Nom	dBA	49	50
Sound Power	Cooling	Max	dBA	65	68
Dimensions	WxHxD		mm	770 x 545 x 288	870 x 655 x 320
Net Weight			kg	37.5	44.5
Refrigerant	Type			R410A	R410A
	Charge		g	1,300	1,400
	Additional Charge (after 7.5m)		g/m	20	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 46	-10 ~ 46
	Heating	Min~Max	°C WB	-10 ~ 18	-15 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	20
Piping Length Total		Min~Max	m	25	30
Piping Elevation Difference	IDU-ODU	Max	m	15	15
Piping Connection	Liquid		mm(inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas		mm(inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

SINGLE SPLIT

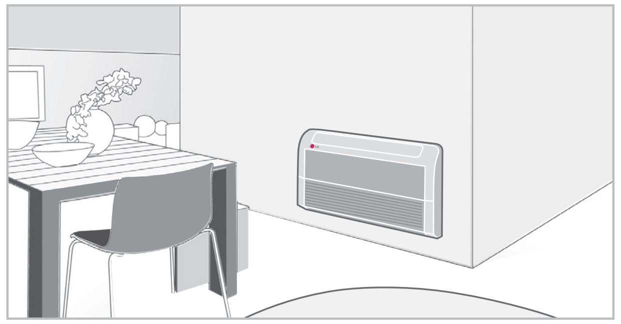
CEILING & FLOOR CONVERTIBLE

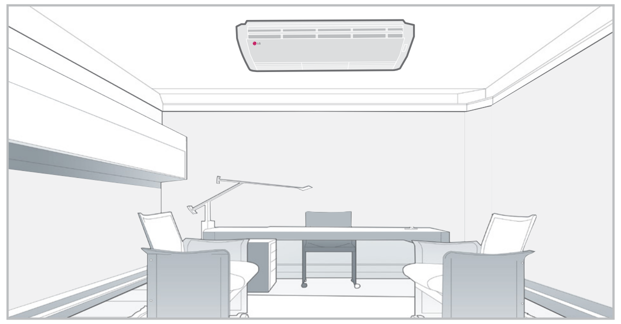
CEILING SUSPENDED UNIT

CEILING & FLOOR CONVERTIBLE CEILING SUSPENDED UNIT

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor.
This saves space when installed in the shops or offices.



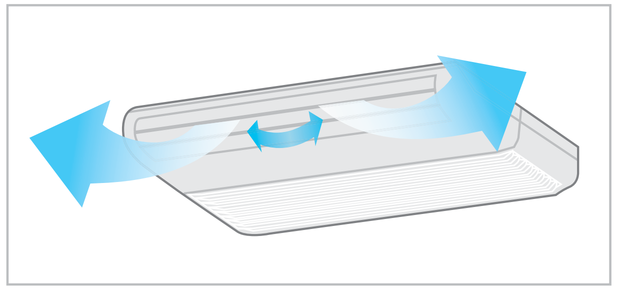


* Ceiling & Floor : CV09 NE2 / CV12 NE2

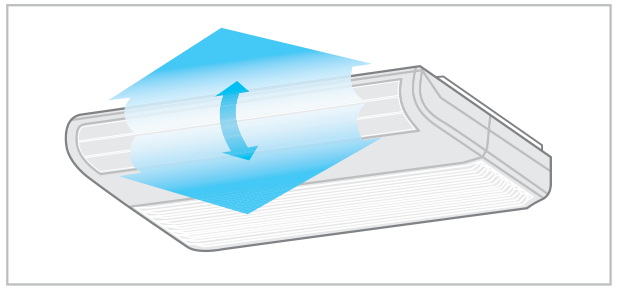
Airflow Direction Control

Vertical airflow direction can be adjusted using remote controller, and horizontal airflow direction can be adjusted manually.

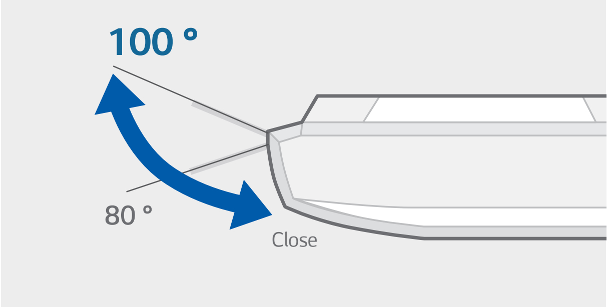
Horizontal



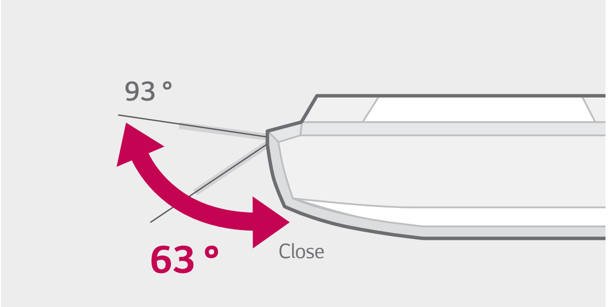
Vertical



Cooling

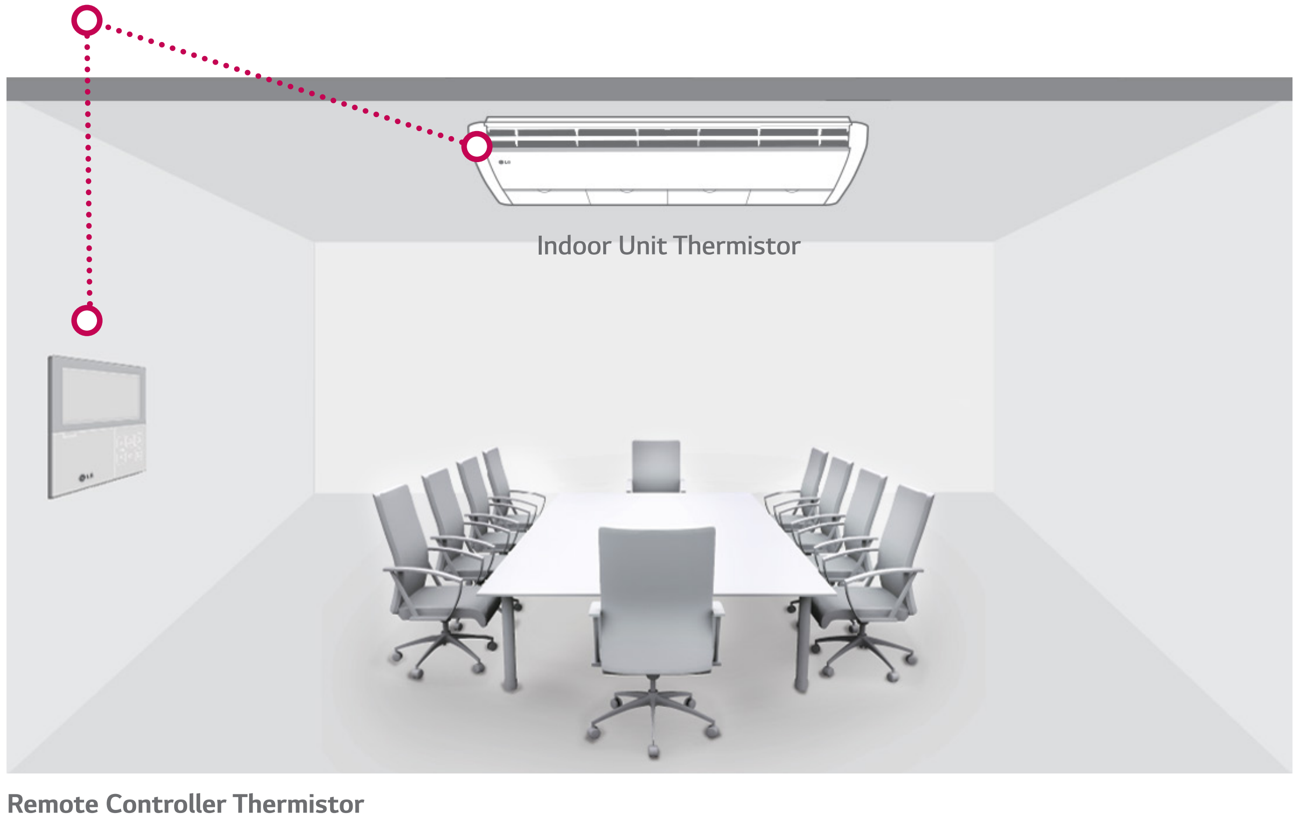


Heating



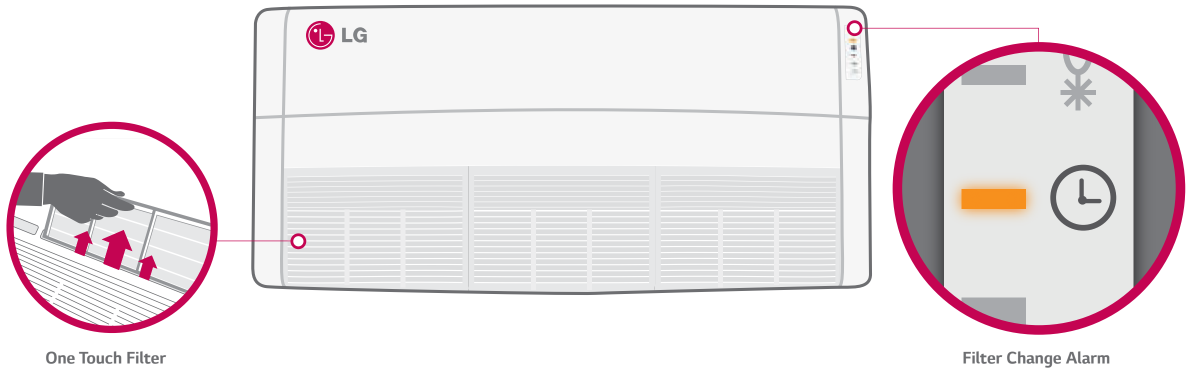
Two Thermistors Control

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. Compares temperatures sensed from different positions, and automatically selects the optimum temperature for users. Two thermistors can optimise indoor air temperature for a more comfortable environment.



Filter Change Alarm

The filter change alarm informs you when the unit has been operating for 2,400 hours. It is very easy to clean or change the filter.



H-INVERTER

CEILING SUSPENDED UNIT

UV24H / UV36H / UV42H / UV48H

UU24WH

UU36WH
UU42WH
UU48WH

INDOOR				UV24H NK1	UV36H NL4	UV42H NL4	UV48H NL4
Capacity	Cooling	Min/Nom/Max	kW	2.8 / 7.0 / 8.4	4.5 / 9.5 / 13.0	5.0 / 12.1 / 14.5	5.5 / 13.4 / 16.0
	Heating	Min/Nom/Max	kW	3.2 / 7.7 / 9.2	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.0 / 18.0
Low Temperature Capacity	Heating -7°C	Max	kW	7.7	11.1	13.9	15.2
Power Input (Set)	Cooling	Nom	kW	1.94	2.36	3.43	4.01
	Heating	Nom	kW	1.92	2.57	3.64	4.44
Power Input (Indoor)		Min/Max	W	40 / 90	80 / 160	80 / 160	85 / 160
Running Current	Cooling/Heating	Nom	A	9.5 / 9.0	11.4 / 12.1	16.2 / 17.2	18.9 / 20.0
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.61	4.02	3.53	3.34
COP				4.01	4.21	3.71	3.38
SEER				5.31	6.43	-	-
SCOP				4.01	4.36	-	-
Pdesign (@-10°C)			kW	7.2	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A / A+	A++ / A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	462 / 2,520	517 / 3,532	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	28.6 / 26.9 / 25.2	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45 / 44 / 41	47 / 46 / 44	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	60	65	66	67
Dehumidification Rate			l/h	1.9	3.4	5	5.8
Dimensions	Body	WxHxD	mm	1,350 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650
Net Weight	Body		kg	35.0	36.0	36.0	36.0
OUTDOOR				**UU24WH U41**	**UU36WH U34**	**UU42WH U34**	**UU48WH U34**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	110	110	110
Sound Pressure	Cooling	Nom	dBA	47	51	52	52
	Heating	Nom	dBA	50	53	54	54
Sound Power	Cooling	Max	dBA	63	66	67	68
Dimensions	WxHxD		mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	63.0	91.5	91.5	91.5
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,200	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-20 ~ 18	-20 ~ 18	-20 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB   Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB   - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

H-INVERTER

CEILING SUSPENDED UNIT

3Phase

UV36H / UV42H / UV48H

UU37WH
UU43WH
UU49WH

INDOOR				UV36H NL4	UV42H NL4	UV48H NL4
Capacity	Cooling	Min/Nom/Max	kW	4.5 / 9.5 / 13.0	5.0 / 12.1 / 14.5	5.5 / 13.4 / 16.0
	Heating	Min/Nom/Max	kW	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.0 / 18.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.1	13.9	15.2
Power Input (Set)	Cooling	Nom	kW	2.36	3.43	4.01
	Heating	Nom	kW	2.57	3.64	4.44
Power Input (Indoor)		Min/Max	W	80 / 160	80 / 160	85 / 160
Running Current	Cooling/Heating	Nom	A	4.2 / 4.5	6.1 / 6.5	7.1 / 8.1
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				4.02	3.53	3.34
COP				4.21	3.71	3.38
SEER				6.43	-	-
SCOP				4.36	-	-
Pdesign (@-10°C)			kW	11.0	-	-
Seasonal Energy Label	Cooling/Heating			A++ / A+	-	-
Annual Energy Consumption	Cooling/Heating		kWh	517 / 3,532	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	28.6 / 26.9 / 25.2	28.6 / 26.9 / 25.2	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	47 / 46 / 44	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	65	66	67
Dehumidification Rate			l/h	3.4	5	5.8
Dimensions	Body	WxHxD	mm	1,750 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650
Net Weight	Body		kg	36.0	36.0	36.0
OUTDOOR				**UU37WH U33**	**UU43WH U33**	**UU49WH U33**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	51	52	52
	Heating	Nom	dBA	53	54	54
Sound Power	Cooling	Max	dBA	66	67	68
Dimensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	93.0	93.0	93.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-20 ~ 18	-20 ~ 18	-20 ~ 18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20
Piping Length Total		Min~Max	m	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB   Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB   - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING & FLOOR CONVERTIBLE

CV09 / CV12

UU09W
UU12W

INDOOR				CV09 NE2	CV12 NE2
Capacity	Cooling	Min/Nom/Max	kW	1.0 / 2.5 / 2.8	1.3 / 3.3 / 3.6
	Heating	Min/Nom/Max	kW	1.2 / 3.0 / 3.3	1.5 / 3.8 / 4.2
Low Temperature Capacity	Heating -7°C	Max	kW	3.1	3.4
Power Input (Set)	Cooling	Nom	kW	0.75	1.09
	Heating	Nom	kW	0.83	1.18
Power Input (Indoor)		Min/Max	W	10 / 30	20 / 40
Running Current	Cooling/Heating	Nom	A	3.26 / 3.61	4.74 / 5.13
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.33	3.03
COP				3.61	3.22
SEER				5.11	5.31
SCOP				3.81	3.81
Pdesign (@-10°C)			kW	3.0	3.0
Seasonal Energy Label	Cooling/Heating			A / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	172 / 1,102	218 / 1,102
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38 / 35 / 32	40 / 36 / 31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	WxHxD	mm	900 x 200 x 490	900 x 200 x 490
Net Weight	Body		kg	13.7	13.7

OUTDOOR				UU09W ULD	UU12W ULD
Compressor	Type			Rotary	Rotary
Airflow Rate		Nom	m³/min	32	32
Sound Pressure	Cooling	Nom	dBA	47	47
	Heating	Nom	dBA	48	48
Sound Power	Cooling	Max	dBA	56	57
Dimensions	WxHxD		mm	770 x 540 x 245	770 x 540 x 245
Net Weight			kg	32.0	32.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,000	1,000
	Additional Charge (after 7.5m)		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 43	-10 ~ 43
	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.xmm²	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15
Piping Length Total		Min~Max	m	5~15	5~15
Piping Elevation Difference	IDU-ODU	Max	m	10	10
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING SUSPENDED UNIT

CV18 / CV24 / UV30

UU24W
UU30W

INDOOR				CV18 NJ2	CV24 NJ2	UV30 NJ2
Capacity	Cooling	Min/Nom/Max	kW	1.9 / 4.8 / 5.3	2.8 / 7.0 / 7.7	3.0 / 7.6 / 8.4
	Heating	Min/Nom/Max	kW	2.0 / 5.0 / 5.6	3.1 / 7.6 / 8.5	3.4 / 8.2 / 9.2
Low Temperature Capacity	Heating -7°C	Max	kW	4.6	6.9	7.5
Power Input (Set)	Cooling	Nom	kW	1.41	2.18	2.52
	Heating	Nom	kW	1.46	2.37	2.72
Power Input (Indoor)		Min/Max	W	30 / 50	40 / 60	40 / 60
Running Current	Cooling/Heating	Nom	A	6.1 / 6.3	9.5 / 10.3	11.0 / 11.8
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.40	3.21	3.02
COP				3.42	3.21	3.01
SEER				5.11	5.51	5.31
SCOP				3.81	3.81	3.81
Pdesign (@-10°C)			kW	4.0	5.8	6.3
Seasonal Energy Label	Cooling/Heating			A / A	A / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	329 / 1,474	445 / 2,137	502 / 2,321
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7(1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	12.4 / 11.4 / 10.4	13.9 / 12.9 / 11.9	13.9 / 12.9 / 11.9
Sound Pressure	Cooling	High/Medium/Low	dBA	42 / 40 / 39	44 / 43 / 41	44 / 43 / 41
Sound Power	Cooling	Max	dBA	57	61	62
Dehumidification Rate			l/h	2.3	3.2	3.5
Dimensions	Body	WxHxD	mm	950 x 220 x 650	950 x 220 x 650	950 x 220 x 650
Net Weight	Body		kg	22.0	23.0	23.0

OUTDOOR				UU18W UE2	UU24W U42	UU30W U42
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	50	58	58
Sound Pressure	Cooling	Nom	dBA	48	48	48
	Heating	Nom	dBA	51	52	52
Sound Power	Cooling	Max	dBA	60	62	65
Dimensions	WxHxD		mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330
Net Weight			kg	46.0	60.0	60.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,400	2,000	2,000
	Additional Charge (after 7.5m)		g/m	20	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 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.xmm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	30	30
Piping Length Total		Min~Max	m	5~40	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING SUSPENDED UNIT

UV36 / UV42 / UV48 / UV60

UV36

UV42, UV48 , UV60

UU36W

UU42W
UU48W
UU60W

INDOOR				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min/Nom/Max	kW	3.8 / 9.5 / 10.5	5.0 / 12.5 / 13.8	5.3 / 13.3 / 14.6	5.7 / 14.4 / 15.7
	Heating	Min/Nom/Max	kW	4.2 / 10.5 / 11.6	5.6 / 13.6 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Min/Max	W	40 / 90	80 / 130	90 / 140	100 / 150
Running Current	Cooling/Heating	Nom	A	12.1 / 13.4	16.9 / 16.0	18.6 / 19.5	22.8 / 23.6
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A / A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	652 / 2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5/16.0	21.5/16.0	21.5/16.0	21.5/16.0
Air Flow Rate		High/Medium/Low	m³/min	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45 / 44 / 41	46 / 44 / 43	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	WxHxD	mm	1,350 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650
Net Weight	Body		kg	34.1	42.5	42.5	42.5
OUTDOOR				**UU36W UO2**	**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	81.0	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40	40	40
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

CEILING SUSPENDED UNIT

3Phase

UV36 / UV42 / UV48 / UV60

UV36

UV42, UV48 , UV60

UU37W

UU43W
UU49W
UU61W

INDOOR				UV36 NK2	UV42 NL2	UV48 NL2	UV60 NL2
Capacity	Cooling	Min/Nom/Max	kW	3.8 / 9.5 / 10.5	5.0 / 12.5 / 13.8	5.3 / 13.3 / 14.6	5.7 / 14.4 / 15.7
	Heating	Min/Nom/Max	kW	4.2 / 10.5 / 11.6	5.6 / 13.6 / 15.4	6.4 / 15.3 / 17.6	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	2.78	3.89	4.28	5.24
	Heating	Nom	kW	3.08	3.68	4.49	5.42
Power Input (Indoor)		Min/Max	W	40 / 90	80 / 130	90 / 140	100 / 150
Running Current	Cooling/Heating	Nom	A	4.0 / 4.4	5.6 / 5.3	6.2 / 6.5	7.6 / 7.9
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.42	3.21	3.11	2.75
COP				3.41	3.70	3.41	3.10
SEER				5.11	-	-	-
SCOP				3.81	-	-	-
Pdesign (@-10°C)			kW	7.6	-	-	-
Seasonal Energy Label	Cooling/Heating			A / A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	652 / 2,800	-	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	21.4 / 19.8 / 18.2	28.6 / 26.9 / 25.2	30.0 / 28.3 / 26.6	31.5 / 29.7 / 28.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45 / 44 / 41	46 / 44 / 43	47 / 46 / 44	48 / 47 / 45
Sound Power	Cooling	Max	dBA	63	63	63	63
Dehumidification Rate			l/h	3.5	4.5	5.8	6.2
Dimensions	Body	WxHxD	mm	1,350 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650	1,750 x 220 x 650
Net Weight	Body		kg	34.1	42.5	42.5	42.5
OUTDOOR				**UU37W UO2**	**UU43W U32**	**UU49W U32**	**UU61W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	90	110	110	110
Sound Pressure	Cooling	Nom	dBA	53	52	52	52
	Heating	Nom	dBA	54	54	54	54
Sound Power	Cooling	Max	dBA	66	67	68	71
Dimensions	WxHxD		mm	950 x 1,170 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	85.0	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A	R410A
	Charge		g	2,800	3,400	3,400	3,400
	Additional Charge (after 7.5m)		g/m	40	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-15 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No.xmm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20	20
Piping Length Total		Min~Max	m	5~50	5~75	5~75	5~75
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

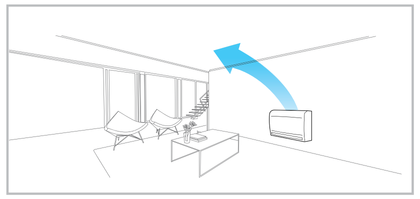
SINGLE SPLIT
CONSOLE

CONSOLE

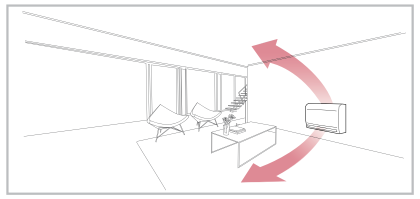
Optimised Air Flow for Cooling & Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling.
When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.

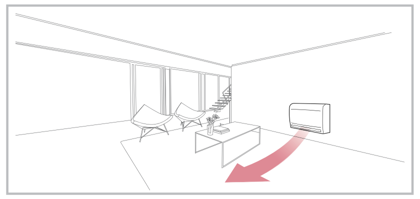
Cooling



Heating (Normal)

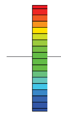
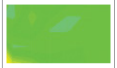
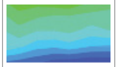
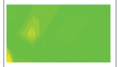
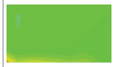
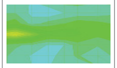
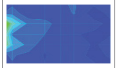
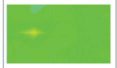
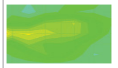


Heating (Floor Heating Mode)



Quick Floor Heating

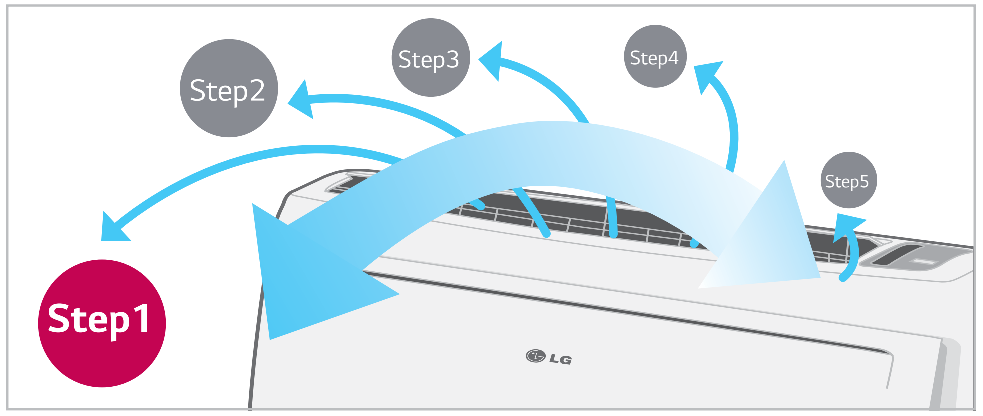
Console air conditioners offer a fast and powerful performance. Using the floor heating mode, console air conditioners provide faster floor heating nd help to reach the desired temperature quickly.

		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 air flow direction.

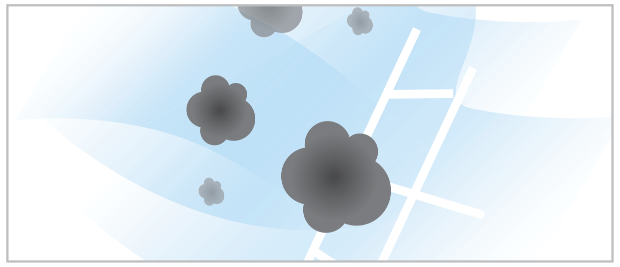


CONSOLE

Healthier Air (3 Stage Air Filter System)

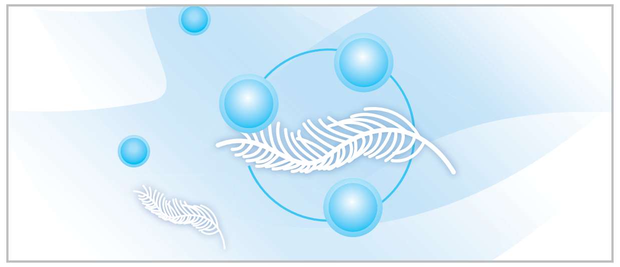
1st Advanced pre filter :

The antibacterial pre-filter primarily reduces large dust particles, mould and quilt dust.



2nd Allergy Filter :

Filter consists of enzyme that breaks down allergens, apatite and organic/inorganic binders. When the air passes through the filter, allergens cling to the filter, and the filter deactivates the allergens.

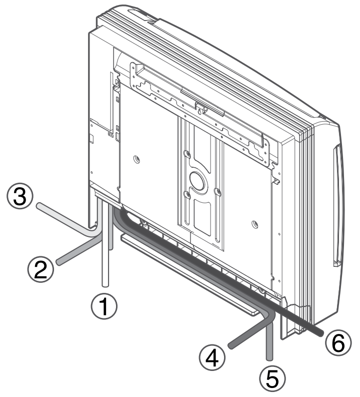


3rd Plasma Ion Generator :

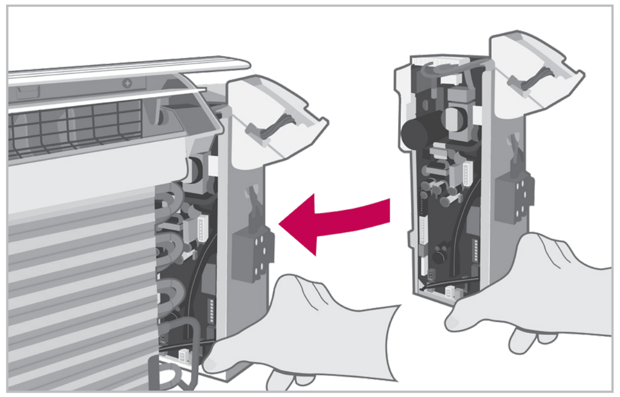
The sterilised ion generator emits around 1.2 million ions, and traps some of the airborne hazardous substances.

Easy Installation and Service

6 different ways to install piping



Easy slide-type PCB



STANDARD INVERTER

CONSOLE

CQ09 / CQ12 / CQ18

UU09W
UU12W

INDOOR				CQ09 NA0	CQ12 NA0	CQ18 NA0
Capacity	Cooling	Min/Nom/Max	kW	1.3 / 2.6 / 3.4	1.4 / 3.5 / 3.7	2.0 / 4.6 / 5.5
	Heating	Min/Nom/Max	kW	1.4 / 3.1 / 4.2	1.6 / 4.0 / 4.4	2.2 / 4.8 / 6.0
Low Temperature Capacity	Heating -7°C	Max	kW	3.4	3.6	4.9
Power Input (Set)	Cooling	Nom	kW	0.64	1.06	1.49
	Heating	Nom	kW	0.74	1.08	1.40
Power Input (Indoor)			W	10 / 20	10 / 30	20 / 40
Running Current	Cooling/Heating		A	3.42 / 3.87	5.02 / 5.03	6.5 / 6.1
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.98	3.30	3.09
COP				4.19	3.70	3.43
SEER				5.11	5.31	4.71
SCOP				3.81	3.81	3.81
Pdesign (@-10°C)			kW	2.8	3.0	3.8
Seasonal Energy Label	Cooling/Heating			A / A	A / A	B / A
Annual Energy Consumption	Cooling/Heating		kWh	172 / 1,032	231 / 1,105	343 / 1,396
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	8.5 / 6.7 / 5.0	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure	Cooling	High/Medium/Low	dBA	38 / 32 / 27	39 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max	dBA	53	56	60
Dehumidification Rate			l/h	12	1.4	2.3
Dimensions	Body	WxHxD	mm	700 × 600 × 210	700 × 600 × 210	700 × 600 × 210
Net Weight	Body		kg	14.0	14.0	14.0
OUTDOOR				**UU09W ULD**	**UU12W ULD**	**UU18W UE2**
Compressor	Type			Rotary	Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	32	32	50
Sound Pressure	Cooling	Nom	dBA	47	47	48
	Heating	Nom	dBA	48	48	51
Sound Power	Cooling	Max	dBA	56	57	60
Dimensions	WxHxD		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320
Net Weight			kg	32.0	32.0	46.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	1,000	1,000	1,400
	Additional Charge (after 7.5m)		g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10 ~ 43	-10 ~ 43	-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.xmm²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15	20
Piping Length Total		Min~Max	m	5~15	5~15	5~40
Piping Elevation Difference	IDU-ODU	Max	m	10	10	30
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

FLOOR STANDING UNIT

Stylish Design

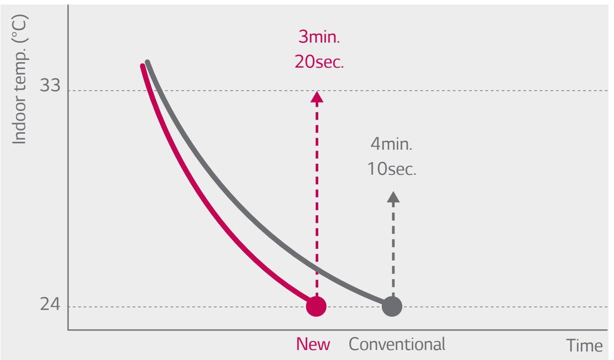
The new LG floor standing air conditioner which is Red Dot design award winner 2013, is ideal for modern interiors in your home or office.

reddot design award
winner 2013

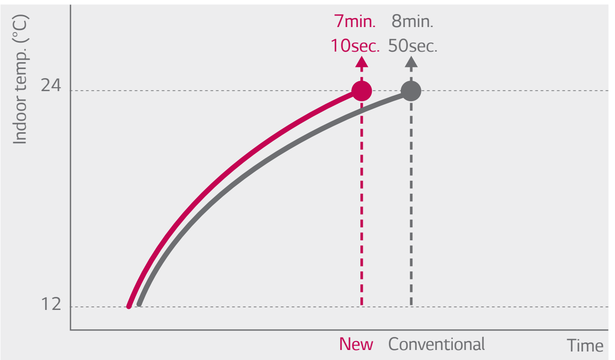
Quick Response

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 airflow angle, guaranteeing a faster heating performance.

Cooling

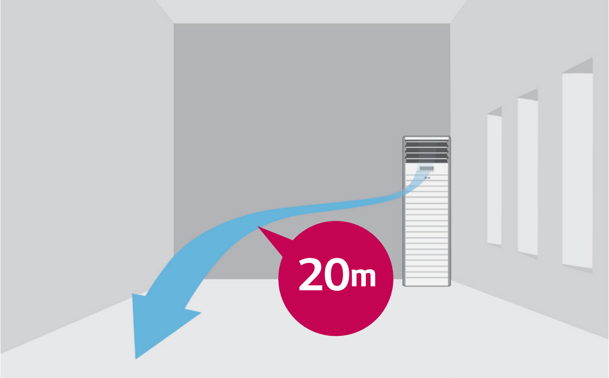


Heating



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.



STANDARD INVERTER
FLOOR STANDING UNIT

UP48

UU48W
UU49W

INDOOR				UP48 NT2	
Capacity	Cooling	Min/Nom/Max	kW	6.0 / 13.4 / 15.2	6.0 / 13.4 / 15.2
	Heating	Min/Nom/Max	kW	6.0 / 15.5 / 17.1	6.0 / 15.5 / 17.1
Low Temperature Capacity	Heating -7°C	Max	kW	16.0	16.0
Power Input (Set)	Cooling	Nom	kW	4.2	4.2
	Heating	Nom	kW	4.5	4.5
Power Input (Indoor)			W	70 / 200	70 / 200
Running Current	Cooling/Heating		A	18.1 / 19.5	5.76 / 6.20
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.21	3.21
COP				3.41	3.41
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High/Medium/Low	m³/min	31 / 27 / 23	31 / 27 / 23
Sound Pressure	Cooling	High/Medium/Low	dBA	52 / 49 / 45	52 / 49 / 45
Sound Power	Cooling	Max	dBA	59	59
Dehumidification Rate			l/h	5.0	5.0
Dimensions	Body	WxHxD	mm	590 x 1,840 x 460	590 x 1,840 x 460
Net Weight	Body		kg	50.0	50.0
OUTDOOR				**UU48W U32**	**UU49W U32**
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110
Sound Pressure	Cooling	Nom	dBA	52	52
	Heating	Nom	dBA	54	54
Sound Power	Cooling	Max	dBA	68	68
Dimensions	WxHxD		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 (after 7.5m)		g/m	40	40
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.xmm²	3C x 5.0	5C x 5.0
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	20
Piping Length Total		Min~Max	m	75	75
Piping Elevation Difference	IDU-ODU	Max	m	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB
- Outdoor Temperature 35°C DB /24°C WB
Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

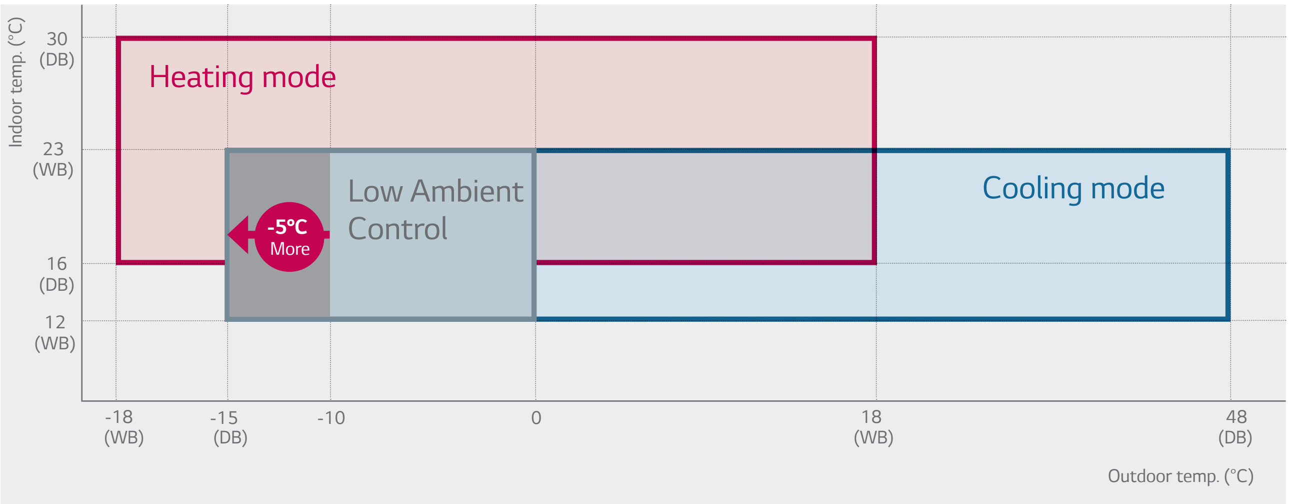
SINGLE SPLIT

WALL MOUNTED UNIT

WALL MOUNTED UNIT

Wide Operation Range

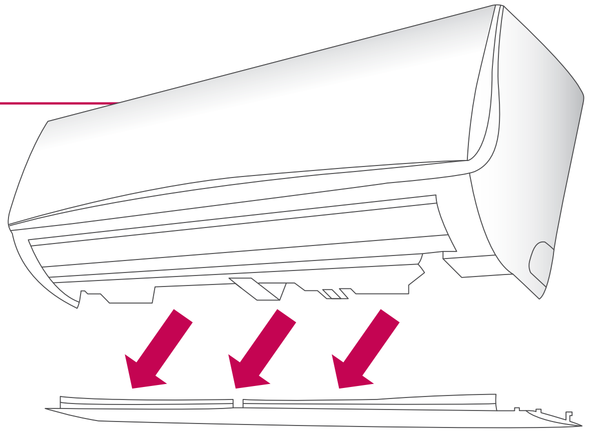
Ideal solution for server rooms, machine rooms and kitchens.



Easy Installation

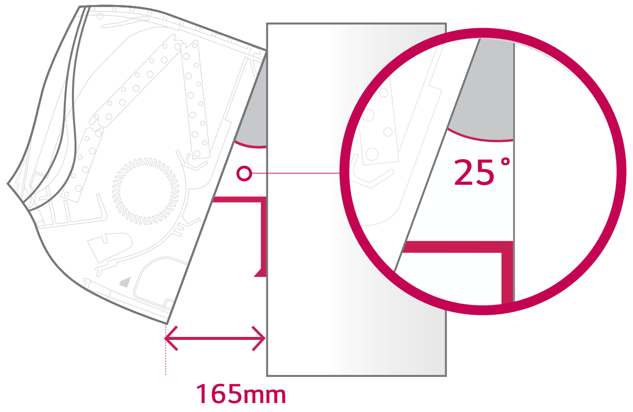
Detachable Bottom Cover

The bottom cover is detachable when needed, making installation easier. Disassembly or additional support of the unit is unnecessary. Installation can be completed by one individual with LG's patented support tool.



Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



WALL MOUNTED UNIT

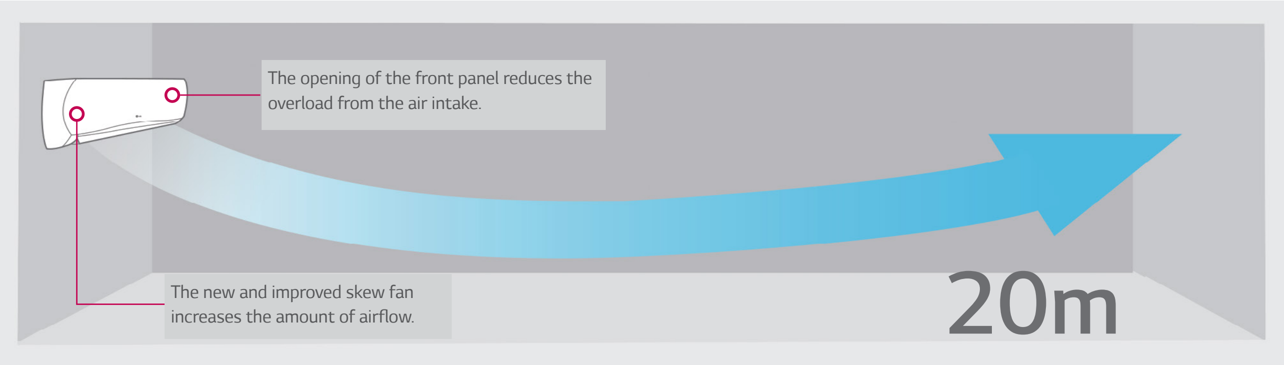
High Energy Efficiency

New wall mounted units provide good seasonal energy efficiency connected with Standard Inverter outdoor units.

	8.0kW	10kW
SEER	6.1 (A++)	5.4 (A)
SCOP	3.9 (A)	3.8 (A)

Powerful Cooling & Heating

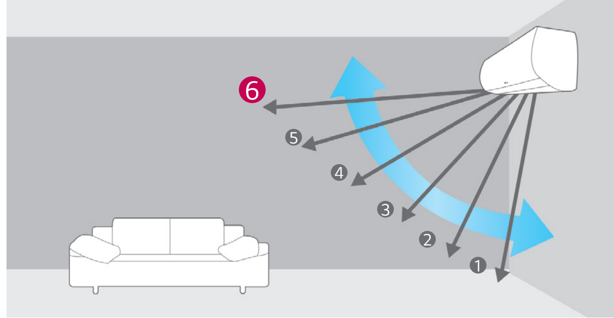
20m Windblast


The opening of the front panel reduces the overload from the air intake.
The new and improved skew fan increases the amount of airflow.
20m

Optimised Airflow

Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing. This function can cool and heat specific areas much faster.

6 Step Vertical Vane



Quick Cooling & Heating

Jet cooling and heating disperses air evenly at high speed to secure an optimally cooled or heated room in just 3 minutes.

STANDARD INVERTER

WALL MOUNTED UNIT

UJ30 / UJ36

UU36W
UU37W

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

INDOOR				UJ30 NV2	UJ36 NV2	UJ36 NV2
Capacity	Cooling	Min/Nom/Max	kW	3.5 / 7.8 / 8.5	4.0 / 9.5 / 10.5	4.0 / 9.5 / 10.5
	Heating	Min/Nom/Max	kW	4.0 / 8.4 / 9.2	4.4 / 10.5 / 11.5	4.4 / 10.5 / 11.5
Low Temperature Capacity	Heating -7°C	Max	kW	7.5	9.4	9.4
Power Input (Set)	Cooling	Nom	kW	2.29	2.79	2.79
	Heating	Nom	kW	2.46	3.08	3.08
Power Input (Indoor)		Min/Max	W	50 / 140	60 / 160	60 / 160
Running Current	Cooling/Heating	Nom	A	10.0 / 10.7	12.1 / 13.4	4.0 / 4.4
Power Supply		Nom	ø/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.41	3.41	3.41
COP				3.41	3.41	3.41
SEER				6.11	5.41	5.41
SCOP				3.91	3.81	3.81
Pdesign (@-10°C)			kW	6.3	7.6	7.6
Seasonal Energy Label	Cooling/Heating			A++ / A	A / A	A / A
Annual Energy Consumption	Cooling/Heating		kWh	447 / 2,256	615 / 2,793	615 / 2,793
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
	Drain	O.D./I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High/Medium/Low	m³/min	23.0 / 20.0 / 17.0	26.0 / 23.0 / 19.0	26.0 / 23.0 / 19.0
Sound Pressure	Cooling	High/Medium/Low	dBA	45 / 42 / 40	48 / 45 / 41	48 / 45 / 41
Sound Power	Cooling	Max	dBA	61	63	63
Dehumidification Rate			l/h	3.0	3.4	3.4
Dimensions	Body	WxHxD	mm	1,190 × 346 × 265	1,190 × 346 × 265	1,190 × 346 × 265
Net Weight	Body		kg	15.7	16.0	16.0

OUTDOOR				UU30W U42	UU36W UO2	UU37W UO2
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	58	90	90
Sound Pressure	Cooling	Nom	dBA	48	53	53
	Heating	Nom	dBA	52	54	54
Sound Power	Cooling	Max	dBA	65	66	66
Dimensions	WxHxD		mm	950 x 834 x 330	950 x 1,170 x 330	950 x 1,170 x 330
Net Weight			kg	60.0	81.0	85.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	2,000	2,800	2,800
	Additional Charge (after 7.5m)		g/m	40	40	40
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 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	3 / 380-415 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 5.0	5C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	30	40	20
Piping Length Total		Min~Max	m	5~50	5~50	5~50
Piping Elevation Difference	IDU-ODU	Max	m	30	30	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

SINGLE SPLIT

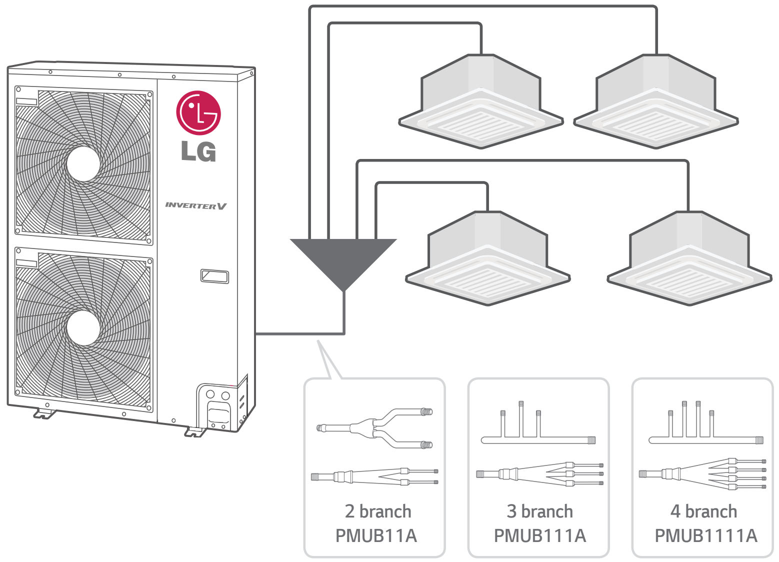
SYNCHRO OPERATION

SYNCHRO OPERATION

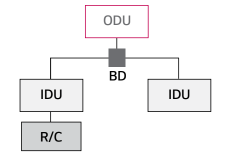
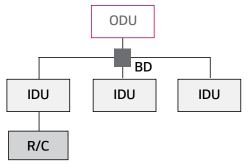
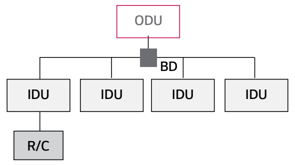
Simultaneous Operation

It is possible to connect 2, 3, or 4 indoor units to a single outdoor unit. All indoor units are operated together within the same mode from one remote controller. This allows equal air distribution in large commercial areas.

- High efficiency & low noise
- Various indoor unit types
- Only using simple branch piping
- H-INVERTER
  : 10.0/12.5/13.4kW
- STANDARD INVERTER
  : 12.5/14.0/15.0/20.0/25.0kW



Combination Table

			DUO			TRIO			QUARTET		
IDU : Indoor Unit **ODU** : Outdoor Unit **BD** : Branch Distributor Unit **R/C** : Wired Remote Controller											
	Capacity(kW)		Cassette	Duct	Ceiling Suspended	Cassette	Duct	Ceiling Suspended	Cassette	Duct	Ceiling Suspended
	Cooling	Heating									
UU48WH U34 UU49WH U33	13.4	15.5	UT24H NN1 x2	UB24H NG1	UV24H NK1 x2	-	-	-	-	-	-
UU42W U32 UU43W U32	12.5	14.0	CT24 NP2 x2	CM24 N14 x2 CB24L N32 x2	CV24 NJ2 x2	CT18 NQ2 x3	CM18 N14 x3 CB18L N22 x3	CV18 NJ2 x3	CT12 NR2 x4	CB12L N22 x4	-
UU48W U32 UU49W U32	14.0	16.0	CT24 NP2 x2	CM24 N14 x2 CB24L N32 x2	CV24 NJ2 x2	CT18 NQ2 x3	CM18 N14 x3 CB18L N22 x3	CV18 NJ2 x3	CT12 NR2 x4	CB12L N22 x4	-
UU60W U32 UU61W U32	15.0	17.0	UT30 NP2 x2	UM30 N14 x2	UV30 NJ2 x2	CT18 NQ2 x3	CM18 N14 x3 CB18L N22 x3	CV18 NJ2 x3	CT12 NR2 x4	CB12L N22 x4	-
UU70W U34	19.0	22.4	UT36 NN2 x2	UM36 N24 x2	UV36 NK2 x2	CT24 NP2 x3	CM24 N14 x3 CB24L N32 x3	CV24 NJ2 x3	CT18 NQ2 x4	CM18 N14 x4 CB18L N22 x4	CV18 NJ2 x4
UU85W U74	23.0	27.0	UT42 NM2 x2	UM42 N24 x2	UV42 NL2 x2	CT24 NP2 x3	CM24 N14 x3 CB24L N32 x3	CV24 NJ2 x3	CT18 NQ2 x4	CM18 N14 x4 CB18L N22 x4	CV18 NJ2 x4
Remote Controller			Standard Wired Remote Controller : PQRCVSL0 (Black) / PQRCVSL0QW (White)								
BD Unit			PMUB11A			PMUB111A			PMUB1111A		
AC EZ			PQCSZ250S0								

* For Ceiling suspended, the wired remote controller has to be purchased separately.

SYNCHRO OPERATION

UU36WH / UU42WH / UU48WH

SYSTEM MODEL				
Indoor Unit				UT24H NN1 / UB24H NG1 / UV24H NK1
INDOOR				
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table
	Heating	Min/Nom/Max	kW	
Power Input	Cooling	Nom	kW	
	Heating	Nom	kW	
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover
Power Supply			ø/V/Hz	
EER				
COP				
Piping Connection	Liquid		mm(inch)	
	Gas		mm(inch)	
	Drain	O.D./I.D.	mm	
Air Flow Rate		High/Medium/Low	m³/min	
Sound Pressure	Cooling	High/Medium/Low	dBA	
Sound Power	Cooling	Max	dBA	
Dehumidification Rate			l/h	
Dimensions	Body	WxHxD	mm	
Net Weight	Body		kg	
OUTDOOR				**UU48WH U34**
Compressor	Type			Twin Rotary
Airflow Rate		Nom	m³/min	110
Sound Pressure	Cooling	Nom	dBA	52
	Heating	Nom	dBA	54
Sound Power	Cooling	Max	dBA	68
Dimensions	WxHxD		mm	950 x 1,380 x 330
Net Weight			kg	91.5
Refrigerant	Type			R410A
	Charge		g	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48
	Heating	Min~Max	°C WB	-20 ~ 18
Power Supply			ø/V/Hz	1 / 220-240 / 50
Power Supply Cable			Nxmm²	3C x 5.0
Transmission Cable			Nxmm²	4C x 0.75
Circuit Breaker			A	40
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80
	Main Piping		m	45
	Total Branch Piping		m	40
	Each Branch Piping		m	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30
	Indoor Unit~Indoor Unit		m	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

SYNCHRO OPERATION

UU37WH / UU43WH / UU49WH

SYSTEM MODEL				
Indoor Model				UT24H NN1 / UB24H NG1 / UV24H NK1
INDOOR				
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table
	Heating	Min/Nom/Max	kW	
Power Input	Cooling	Nom	kW	
	Heating	Nom	kW	
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover
Power Supply			ø/V/Hz	
EER				
COP				
Piping Connection	Liquid		mm(inch)	
	Gas		mm(inch)	
	Drain	O.D./I.D.	mm	
Air Flow Rate		High/Medium/Low	m³/min	
Sound Pressure	Cooling	High/Medium/Low	dBA	
Sound Power	Cooling	Max	dBA	
Dehumidification Rate			l/h	
Dimensions	Body	WxHxD	mm	
Net Weight	Body		kg	
OUTDOOR				**UU49WH U33**
Compressor	Type			Twin Rotary
Airflow Rate		Nom	m³/min	110
Sound Pressure	Cooling	Nom	dBA	52
	Heating	Nom	dBA	54
Sound Power	Cooling	Max	dBA	68
Dimensions	WxHxD		mm	950 x 1,380 x 330
Net Weight			kg	93.0
Refrigerant	Type			R410A
	Charge		g	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48
	Heating	Min~Max	°C WB	-20 ~ 18
Power Supply			ø/V/Hz	3 / 380-415 / 50
Power Supply Cable			Nxmm²	5C x 2.5
Transmission Cable			Nxmm²	4C x 0.75
Circuit Breaker			A	20
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80
	Main Piping		m	45
	Total Branch Piping		m	40
	Each Branch Piping		m	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30
	Indoor Unit~Indoor Unit		m	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

SYNCHRO OPERATION

UU42W / UU48W / UU60W

SYSTEM MODEL						
Indoor Model				CT12 / CT18 / CT24 / UT30 / CM18 / CM24 / UM30 CB12L / CB18L / CB24L / CV18 / CV24 / UV30		
INDOOR						
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table		
	Heating	Min/Nom/Max	kW			
Power Input	Cooling	Nom	kW			
	Heating	Nom	kW			
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover		
Power Supply			ø/V/Hz			
EER						
COP						
Piping Connection	Liquid		mm(inch)			
	Gas		mm(inch)			
	Drain	O.D./I.D.	mm			
Air Flow Rate		High/Medium/Low	m³/min			
Sound Pressure	Cooling	High/Medium/Low	dBA			
Sound Power	Cooling	Max	dBA			
Dehumidification Rate			l/h			
Dimensions	Body	WxHxD	mm			
Net Weight	Body		kg			
OUTDOOR				**UU42W U32**	**UU48W U32**	**UU60W U32**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110	110
Sound Pressure	Cooling	Nom	dBA	52	52	52
	Heating	Nom	dBA	54	54	54
Sound Power	Cooling	Max	dBA	67	68	71
Dimensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	92.0	92.0	92.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual		
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 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			Nxmm²	3C x 5.0	3C x 5.0	3C x 5.0
Transmission Cable			Nxmm²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	40	40
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80
	Main Piping		m	45	45	45
	Total Branch Piping		m	40	40	40
	Each Branch Piping		m	15	15	15
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

STANDARD INVERTER

SYNCHRO OPERATION

3Phase

New New

UU43W / UU49W / UU61W / UU70W / UU85W

New

SYSTEM MODEL								
Indoor Model				CT18 / CT24 / UT42 / CM18 / CM24 / UM42 CV18 / CV24 / UV42				
INDOOR								
Capacity	Cooling	Min/Nom/Max	kW	* Please refer to the Combination Table				
	Heating	Min/Nom/Max	kW					
Power Input	Cooling	Nom	kW					
	Heating	Nom	kW					
Running Current	Cooling/Heating	Nom	A	* Please refer to the specification of each indoor unit. * Below functions are not available for Synchro operation. - Group Control - Zone Control - Dry Contact - Auto Changeover				
Power Supply			ø/V/Hz					
EER								
COP								
Piping Connection	Liquid		mm(inch)					
	Gas		mm(inch)					
	Drain	O.D./I.D.	mm					
Air Flow Rate		High/Medium/Low	m³/min					
Sound Pressure	Cooling	High/Medium/Low	dBA					
Sound Power	Cooling	Max	dBA					
Dehumidification Rate			l/h					
Dimensions	Body	WxHxD	mm					
Net Weight	Body		kg					
OUTDOOR				**UU43W U32**	**UU49W U32**	**UU61W U32**	**UU70W U34**	**UU85W U74**
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom	m³/min	110	110	110	110	110
Sound Pressure	Cooling	Nom	dBA	52	52	52	55	59
	Heating	Nom	dBA	54	54	54	58	60
Sound Power	Cooling	Max	dBA	67	68	71	73	74
Dimensions	WxHxD		mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	1.090 x 1,625 x 380
Net Weight			kg	96.0	96.0	96.0	110	144.0
Refrigerant	Type			R410A	R410A	R410A	R410A	R410A
	Charge		g	3,400	3,400	3,400	5,200	5,500
	Additional Charge		g/m	Please refer to the Product Data Book or Installation Manual				
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-15 ~ 48	-15 ~ 48	-15 ~ 48	-20 ~ 48	-20 ~ 48
	Heating	Min~Max	°C WB	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18	-18 ~ 18
Power Supply			ø/V/Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			Nxmm²	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable			Nxmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 1.0	4C x 1.0
Circuit Breaker			A	20	20	20	5C x 2.5	30
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	Ø 9.52 (3/8)	12.7 (1/2)
	Gas		mm(inch)	ø 15.88 (5/8)	ø 15.88 (5/8)	ø 15.88 (5/8)	Ø 25.4 (1/1)	22.2 (7/8)
Max. Interunit Piping Length	Total Piping(Main+Total Branch)		m	80	80	80	80	80
	Main Piping		m	45	45	45	40	40
	Total Branch Piping		m	40	40	40	40	40
	Each Branch Piping		m	15	15	15	10	10
Max. Installation Height Difference	Indoor Unit~Outdoor Unit		m	30	30	30	30	30
	Indoor Unit~Indoor Unit		m	1	1	1	1	1

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C DB /19°C WB Heating : - Indoor Temperature 20°C DB / 15°C WB
- Outdoor Temperature 35°C DB /24°C WB - Outdoor Temperature 7°C DB / 6°C WB
3. Annual energy consumption : based on average use of 350 running hours in cooling
and 1,400 hours in heating per year at seasonal condition
4. This product contains fluorinated greenhouse gases(R410A)

SINGLE SPLIT

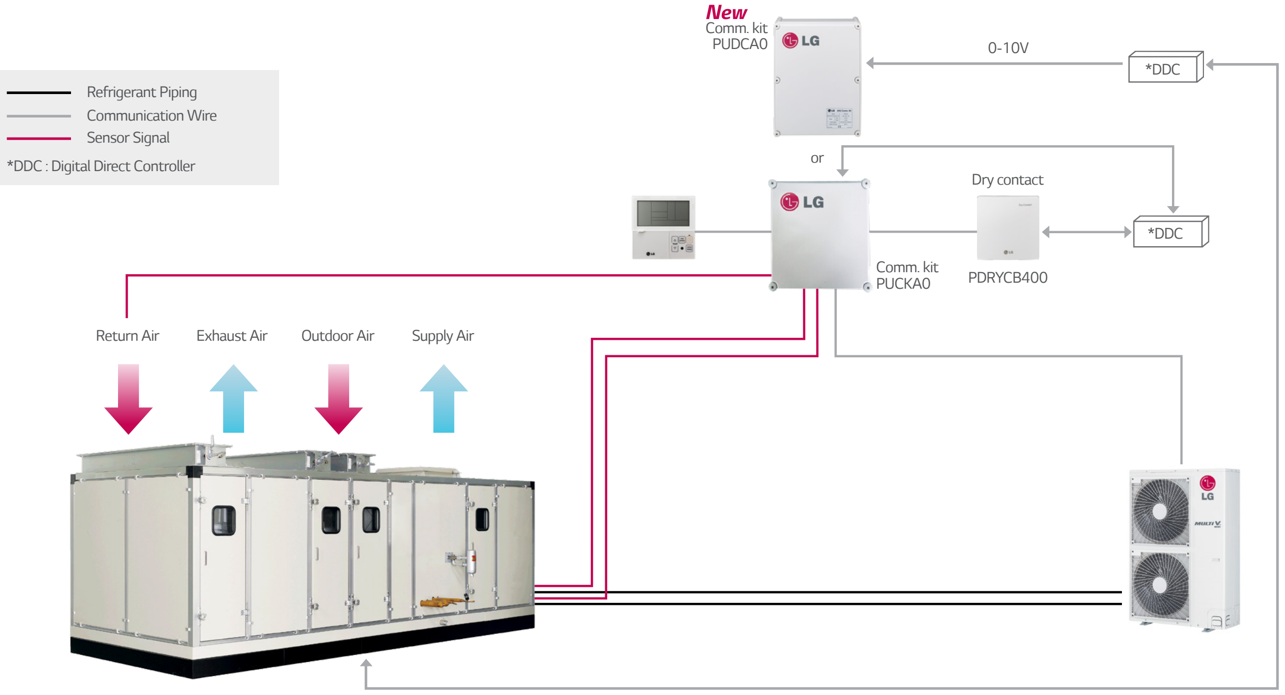
AHU COMBINATION

AHU COMBINATION

Air Handling Applications

Economic solution for pair application with air handling units.

Refrigerant Piping
Communication Wire
Sensor Signal
*DDC : Digital Direct Controller


New
Comm. kit
PUDCA0
0-10V
*DDC
or
Dry contact
*DDC
Comm. kit
PUCKA0
PDRYCB400
Return Air
Exhaust Air
Outdoor Air
Supply Air

* AHU : Air Handling Unit

Combination Table

• H-INVERTER

			1-PHASE				3-PHASE		
			UU24WH U44	UU36WH U34	UU42WH U34	UU48WH U34	UU37WH U33	UU43WH U33	UU49WH U33
Capacity	Cooling	kW	7.0	9.5	12.1	13.4	9.5	12.1	13.4
	Heating	kW	8.0	10.8	13.5	15.5	10.8	13.5	15.5
AHU Kit	PUCKA0		●	●	●	●	●	●	●

• STANDARD INVERTER (1-phase)

			UU18W UE2	UU24W U42	UU30W U42	UU36W UO2	UU42W U32	UU48W U32	UU60W U32
Capacity	Cooling	kW	4.7	7.1	8.0	10.0	12.5	13.9	14.6
	Heating	kW	5.5	8.0	9.0	11.0	14.0	15.4	16.9
AHU Kit	PUCKA0		●	●	●	●	●	●	●

• STANDARD INVERTER (3-phase)

			UU37W UO2	UU43W U32	UU49W U32	UU61W U32	UU70W U34	UU85W U74
Capacity	Cooling	kW	10.0	12.5	13.9	14.6	19.0	23.0
	Heating	kW	11.0	14.0	15.4	16.9	22.4	27.0
AHU Kit	PUCKA0		●	●	●	●	●	●
	PUDCA0 ***New***		-	-	-	-	●	●

SINGLE SPLIT

ACCESSORIES

WI-FI CONTROLLER

New

LG-IR-WF-1

Models Applied

- Connectable with the indoor unit having IR receiver
- Control and monitor
  : On/Off Mode, Set Temp, Room Temp, Fan Speed
- Power supply includes EU-UK-US-AU heads
- Easy to install : Wall or desktop mounted
- Attractive design
- On/Off status and mode indicated by LED light
- Automatic firmware Updates *

* Internet access is necessary

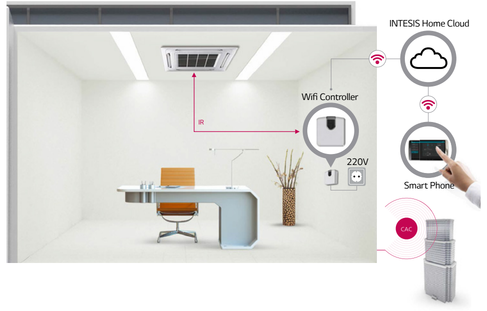
Model Name	LG-IR-WF-1
Start/Stop Operation	●
Operation Mode	Cool / Heat / Auto / Fan / Dry
Set Point	●
Ambient Temperature	●
Fan Speed	●

Specifications

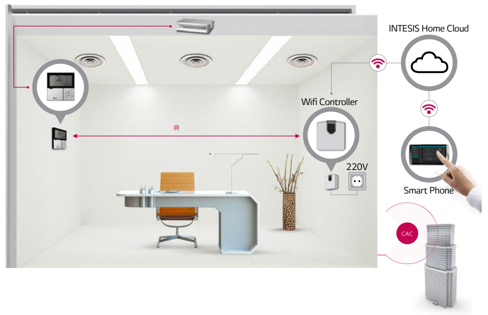
Model Name	LG-IR-WF-1
Enclosure	ABS (V-0, 5VB) 2,1 mm thickness PC (V-2) 1mm thickness
Dimensions (mm)	81 × 78 × 28
Weight (g)	76
Colour	White
Power Supply	5VDC 0,2 A NEC Class 2 or Limited Power Source (LPS) and SELV Rated Power supply
Mounting	Wall
LED Indicators	1 × Device status
Operating Temperature	From 0°C to 40°C
Operating Humidity	<93% HR, no Condensation
Stock Humidity	<93% HR, no Condensation
RoHS Conformity	Compliant with RoHS Directive (2002/95/CE).
Certifications	Compliant with RoHS Directive (2002/95/CE) CE Conformity to EMC Directive (2004/108/EC) and Low-voltage Directive (2006/95/EC) EN 60950-1 EN 301489-1 v1.8.1 EN 300328

Overview

Case 1) Connection with Indoor units with IR receiver



Case 2) Connection with duct type Indoor units



[1] This product is provided by INTESIS. For more information, please contact INTESIS directly

SYNCHRO BRANCHES

2 Units

PMUB11A

3 Units

PMUB111A

4 Units

PMUB1111A

Gas Pipe
Liquid Pipe

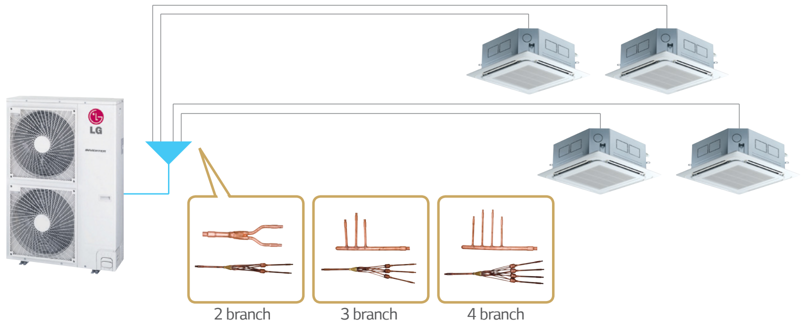
Features

- Various Y Branch pipes of different capacities make installation easier
- Y Branch and header branch for both gas and liquid are provided
- Insulation material is also provided for covering the branches

Models Applied

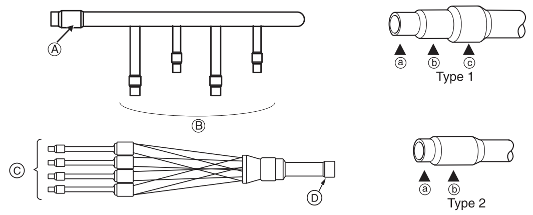
H-inverter : 10.0 / 12.5 / 13.4kw
Standard inverter : 12.5 / 14.0 / 15.0 / 20.0 / 25.0kw

Application



Branching kit

Indoor Classification	Model Name	Capacity Ratio(%)
2 Units	PMUB11A	50:50 (1:1)
3 Units	PMUB111A	33:33:33 (1:1:1)
4 Units	PMUB1111A	25:25:25:25(1:1:1:1)

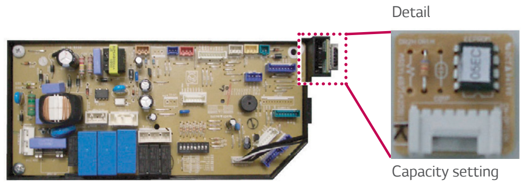


	ⓐ	ⓑ	ⓒ	Type
Ⓐ	Ø15.88(5/8)	Ø19.05(3/4)	Ø25.4(1)	1
Ⓑ	Ø9.52(3/8) Ø12.7(1/2)	Ø12.7(1/2) Ø15.88(5/8)	-	2
Ⓒ	Ø6.35(1/4)	Ø9.52(3/8)	-	2
Ⓓ	Ø9.52(3/8)	Ø12.7(1/2)	-	2

AHU COMMUNICATION KITS

PUCKA0

New PUDCA0



(Main PCB)

Specifications

Type	Model Name	Combination				Description	Dimensions(mm)		
		Outdoor unit	EEV Kit	Expansion Kit	Central controller		W	H	D
Communication Kit	PUCKA0	SINGLE SPLIT	-	-	●	Return/room air control by remote controller or dry contact	280	135	280
	New PUDCA0	SINGLE SPLIT	-	-	-	Return/room air or supply(capacity) control by DDC	330	180	430

Function list for Communication kit

● : Available ▲ : Dry Contact is needed - : Not available

	List	Description	PUCKA0		PUDCA0			
			Availability	Type	Availability	Type	Min	Max
Controlling	Outdoor Unit Operation	On/off	●	By wired controller*	●	Digital input** (Non voltage)	-	-
	Mode	Fan only/heating/cooling	●	By wired controller	●	Digital input (Non voltage)	-	-
	Fan Step	High/mid/low (3 steps)	●	By wired controller	●	Digital input (Non voltage)	-	-
	Room Temperature Control	Cooling 18 ~ 30℃, heating 16 ~ 30℃	●	By wired controller	●	Analog input	0 V	10 V
	Supply Air Temperature (by outdoor capacity control)	Compressor off, Compressor Off & Fan off, 40 ~ 100% capacity control	-	-	●	Analog input	0 V	10 V
Monitoring	Outdoor Unit Operation	On/off	-	-	●	Digital output** (Non voltage)	Max : AC 250 V, DC 30 V, 1A	
	AHU Communication Kit Operation	On/off	-	-	●	Digital output (Non voltage)	Max : AC 250 V, DC 30 V, 1A	
	Outdoor Mode	Fan/defrost/cooling/heating	-	-	●	Digital output (Non voltage)	Max : AC 250 V, DC 30 V, 1A	
	Fan Mode	High/mid/low (3 steps)	●	Digital output (Non voltage)	●	Digital output (Non voltage)	Max : AC 250 V, DC 30 V, 1A	
	Error Status	No error/error occurred	▲***	Dry Contact	●	Digital output (Non voltage)	Max : AC 250 V, DC 30 V, 1A	

Note : PUCKA0 is controlled by remote controller(default) and Dry Contact, PUDCA0 is controlled by external input(default) and wired remote controller

* Optional accessory, recommended model : PQRCVSL0, PQRCVSL0QW, ** Binary input and output (Open and short), DO is normal open, *** Recommended model : PDRYCB000, PQDSA

Capacity selection

When selecting evaporator, change "Option PCB" in communication kit according to below table. (Basic "Option PCB" is for 24kBTU)

Option PCB	Outdoor unit capacity		Recommended heat exchanger volume (10^{-3} x m^3)	Maximum heat exchanger capacity (kW)	Air flow rate (CMM)	Applicable Outdoor Units		
						PUCKA0		PUDCA0
	kBTU	kW				H-Inverter	Standard Inverter	Standard Inverter
EBR65102902	18	5.0	2.4	5.0	13 ~ 16.5	-	●	-
EBR65102903	24	7.1	2.6	7.1	14 ~ 18	●	●	-
EBR65102904	30	8.0	2.9	8.0	20 ~ 26.5	●	●	-
EBR65102905	36	10.0	3.1	10.0	26.5 ~ 32	●	●	-
EBR65102906	42	12.5	3.4	12.5	28 ~ 36	●	●	-
EBR65102907	48	14.0	4.0	14.0	30 ~ 40	●	●	-
EBR65102908	60	15.0	4.7	15.0	40 ~ 50	-	●	-
EBR77627409	70	19.0	5.2	20.0	60 ~ 70	-	●	●
EBR77627406	85	23.0	5.9	23.0	64 ~ 80	-	●	●

* Evaporator Saturated Temperature = 6°C, Air Temperature = 27°C DBT / 19°C WBT

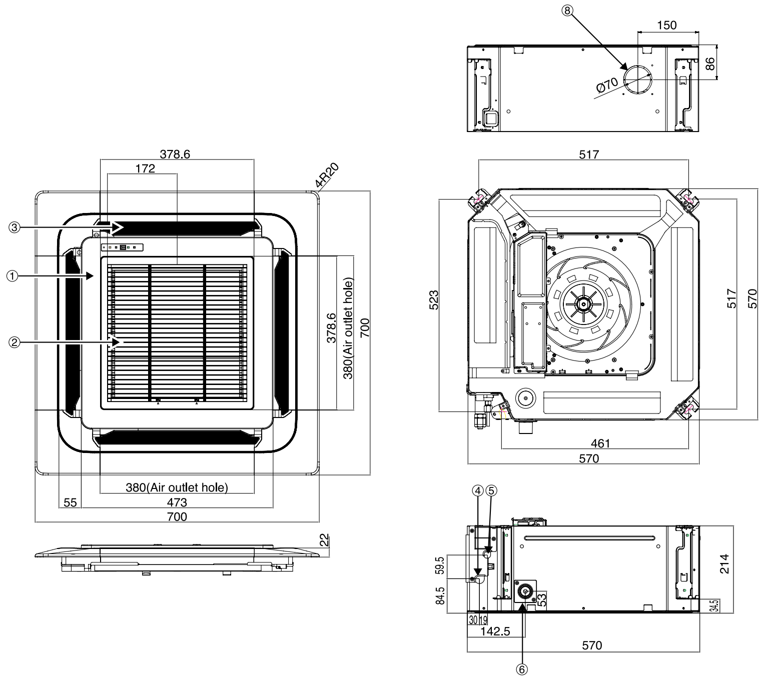
* Combination allowed only for air-to-air system.

CEILING CASSETTE

CT09 NR2 / CT12 NR2

(Unit:mm)

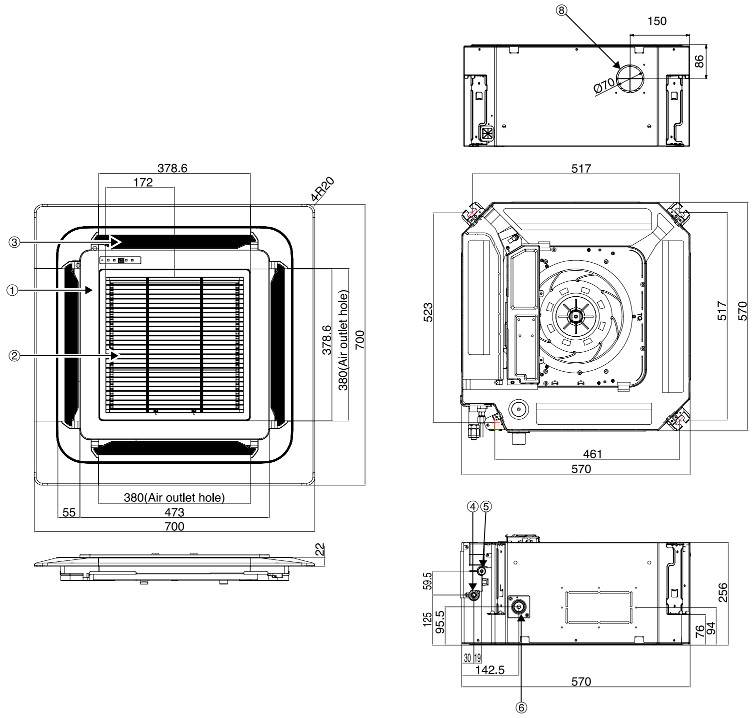
	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)


⑧
150
Ø70
86
378.6
172
4-R20
③
①
②
378.6
380(Air outlet hole)
700
517
523
517
570
461
570
380(Air outlet hole)
55
473
700
22
④⑤
59.5
84.5
214
30
142.5
570
⑥

CT18 NQ2

(Unit:mm)

	Part Name
1	Decoration panel (PT-UQC)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)

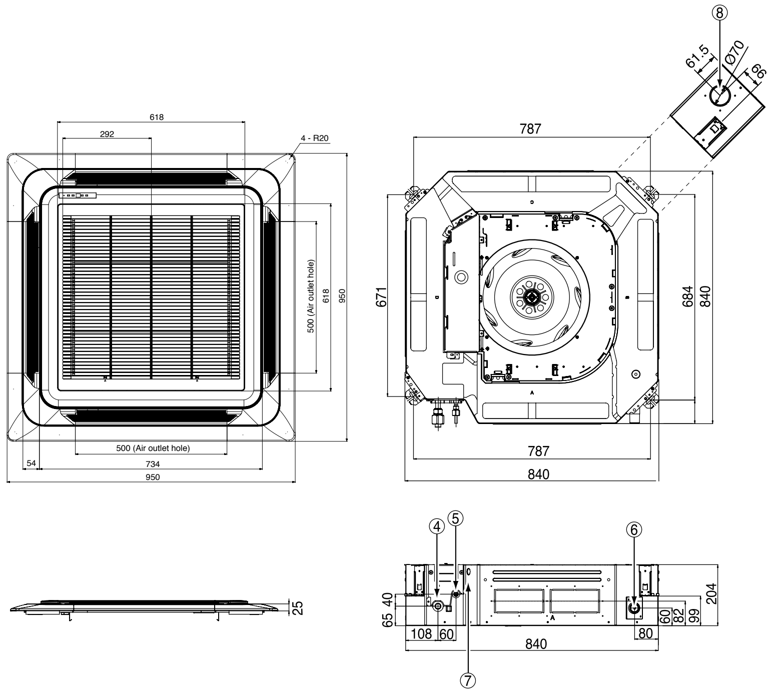

⑧
150
Ø70
86
378.6
172
4-R20
③
①
②
378.6
380(Air outlet hole)
700
517
523
517
570
461
570
380(Air outlet hole)
55
473
700
22
④⑤
59.5
125
95.5
256
76
94
142.5
570
⑥

CEILING CASSETTE

CT24 NP2 / UT30 NP2

(Unit:mm)

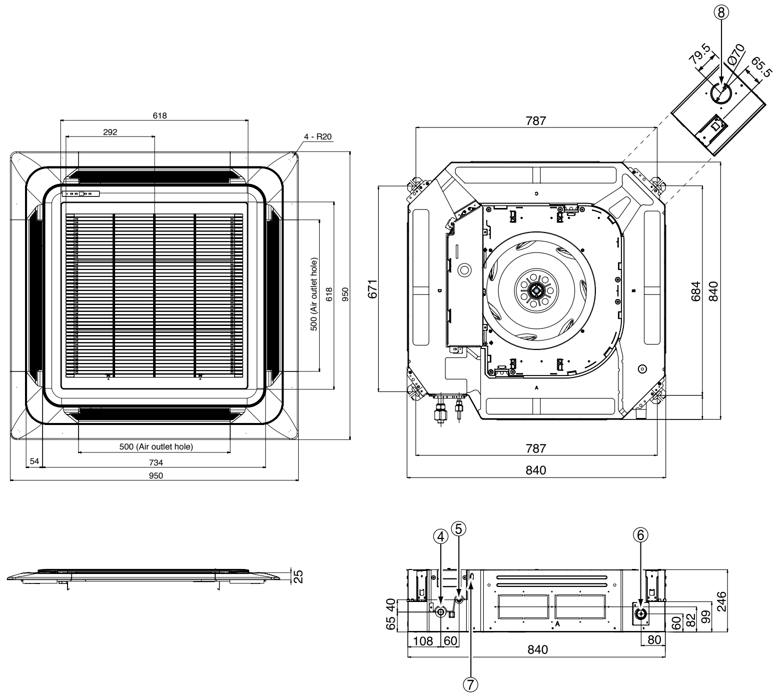
	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)


⑧
61.5
Ø70
86
618
292
4 - R20
787
500 (Air outlet hole)
618
950
671
684
840
500 (Air outlet hole)
734
950
54
787
840
25
④⑤
⑥
65
40
108
60
840
80
60
82
99
204
⑦

UT36 NN2 / UT24H NN1

(Unit:mm)

	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)

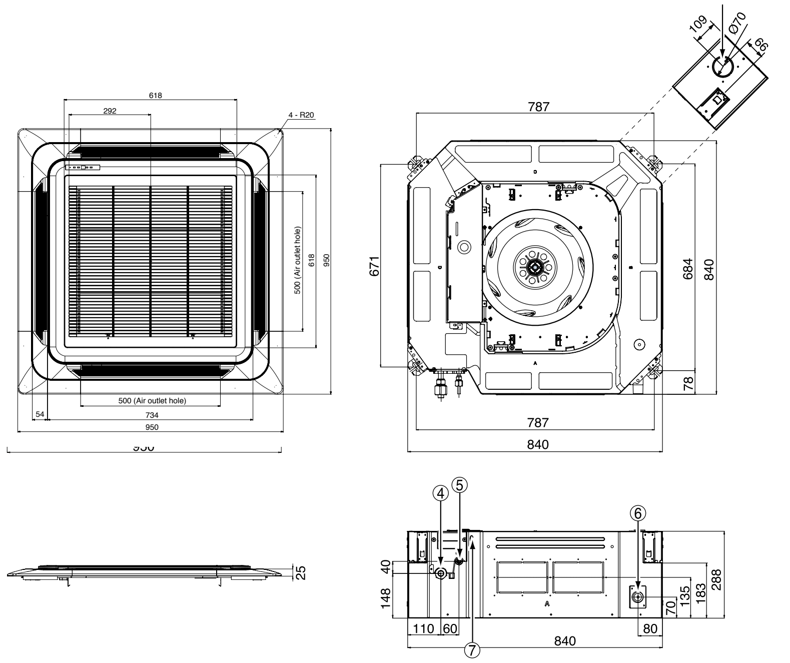

⑧
79.5
Ø70
65.5
618
292
4 - R20
787
500 (Air outlet hole)
618
950
671
684
840
500 (Air outlet hole)
734
950
54
787
840
25
④⑤
⑥
65
40
108
60
840
80
60
82
99
246
⑦

CEILING CASSETTE

UT42 NM2 / UT48 NM2 / UT60 NM2 / UT36H NM4 / UT42H NM4 / UT48H NM4

(Unit:mm)

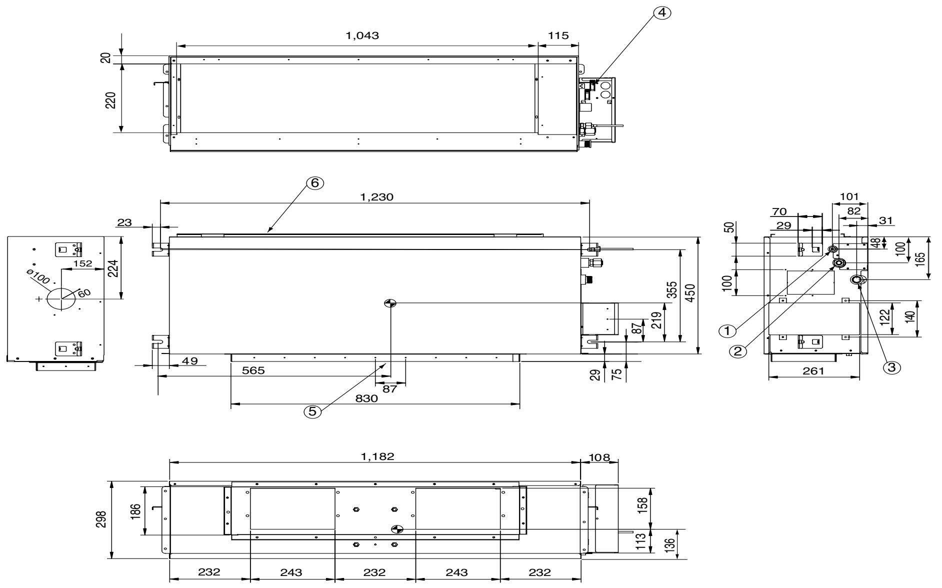
	Part Name
1	Decoration panel (PT-UMC1)
2	Air suction grille
3	Air discharge grille
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection
7	Power supply connection
8	Fresh air connection (Ø70)


109
Ø70
56
618
292
4 - R20
500 (Air outlet hole)
618
950
787
671
684
840
500 (Air outlet hole)
734
950
54
787
840
78
25
④
⑤
⑥
40
148
110
60
840
80
70
135
183
288
⑦

UB24H NG1

(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

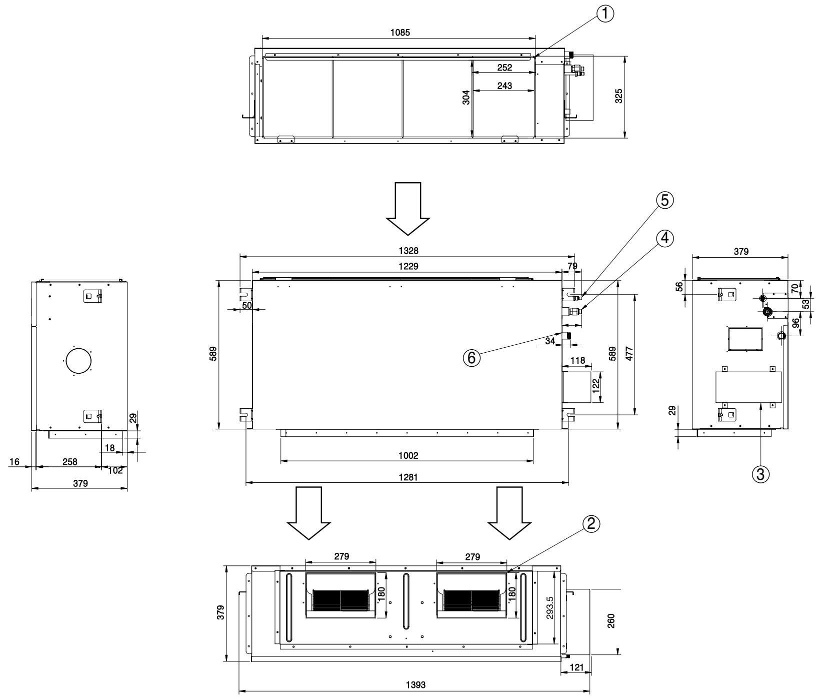

④
1,043
115
20
220
⑥
1,230
23
152
224
ø100
65
49
565
87
830
⑤
29
75
87
219
355
450
50
100
70
29
101
82
31
100
165
122
140
261
①
②
③
1,182
108
298
186
158
113
136
232
243
232
243
232

CEILING CONCEALED DUCT

UB36H NR3 / UB42H NR3 / UB48H NR3

(Unit:mm)

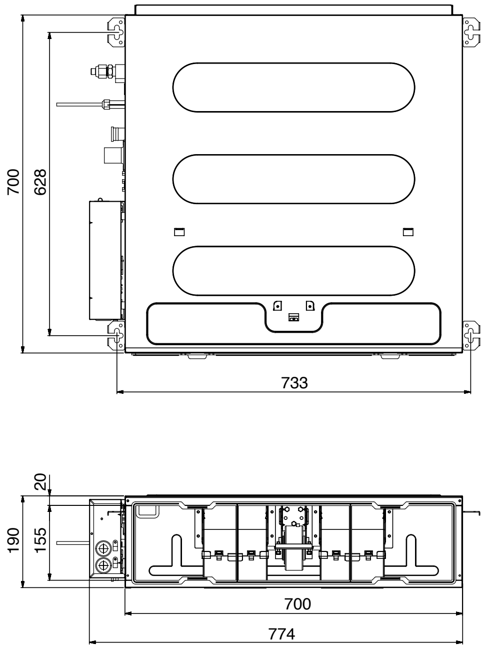
	Part Name
1	Air suction flange
2	Air discharge flange
3	Control box
4	Gas pipe connection
5	Liquid pipe connection
6	Drain pipe connection


①
1085
252
243
304
325
⑤
④
1328
1229
379
79
56
70
96
50
589
34
118
589
477
⑥
122
29
16
258
379
29
18
102
1002
1281
③
②
279
279
180
180
379
293.5
260
121
1393

CB09L N12

(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

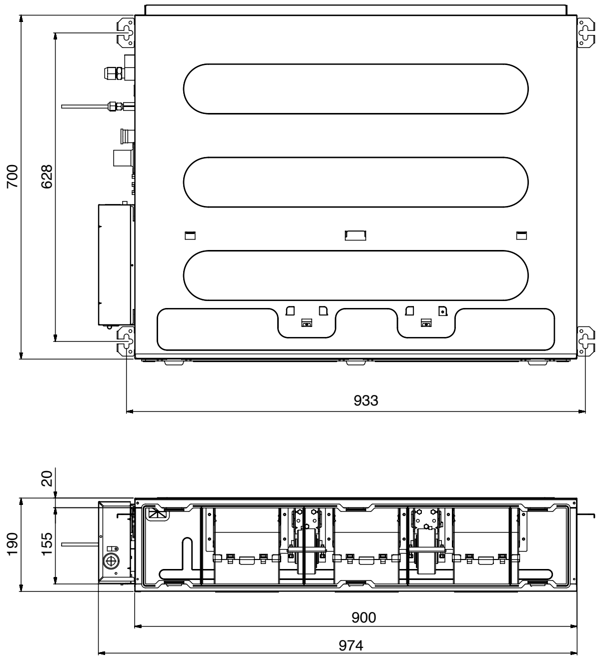

700
628
733
20
190
155
700
774

CEILING CONCEALED DUCT

CB12L N22 / CB18L N22

(Unit:mm)

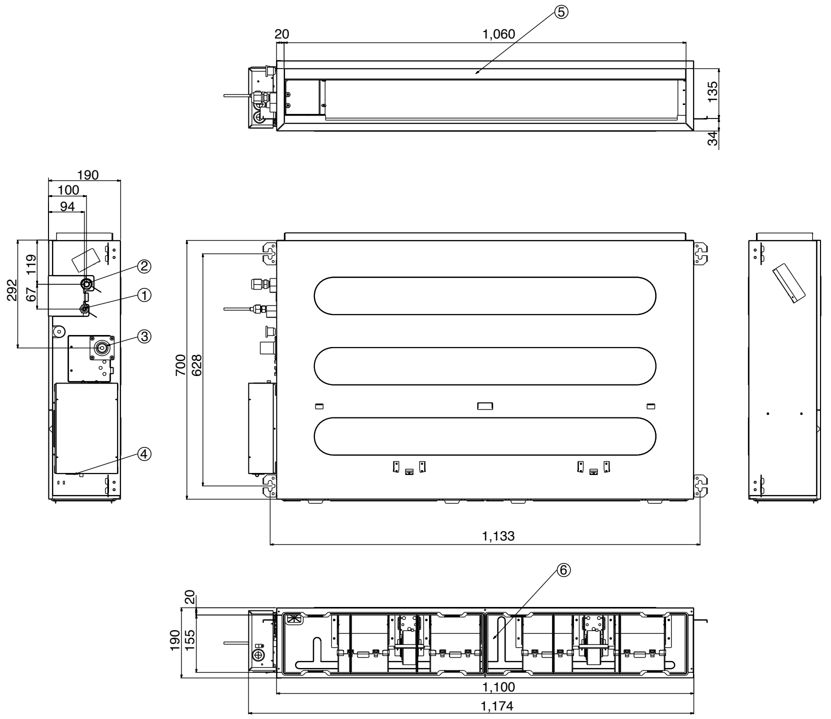
	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Drain pipe connection
4	Power supply connection
5	Air discharge
6	Air suction


700
628
933
20
190
155
900
974

CB24L N32

(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

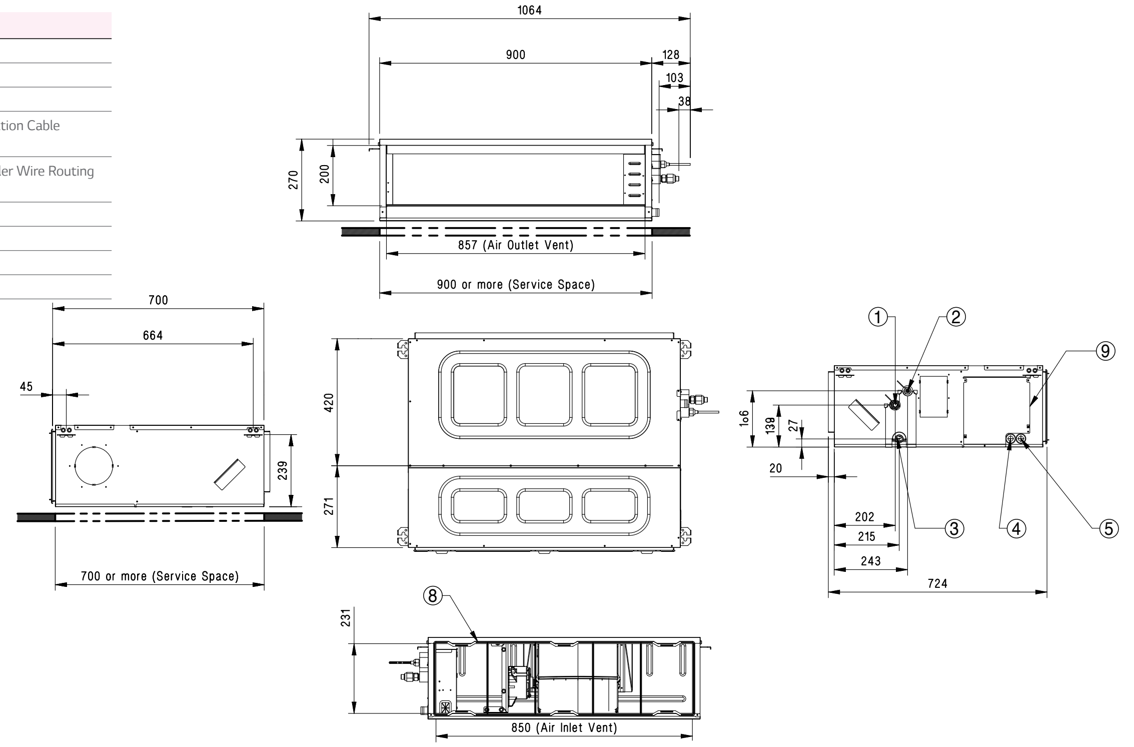

20
1,060
⑤
135
34
190
100
94
292
119
67
②
①
③
④
700
628
1,133
⑥
20
190
155
1,100
1,174

CEILING CONCEALED DUCT

CM18 N14 / CM24 N14 / UM30 N14

(Unit:mm)

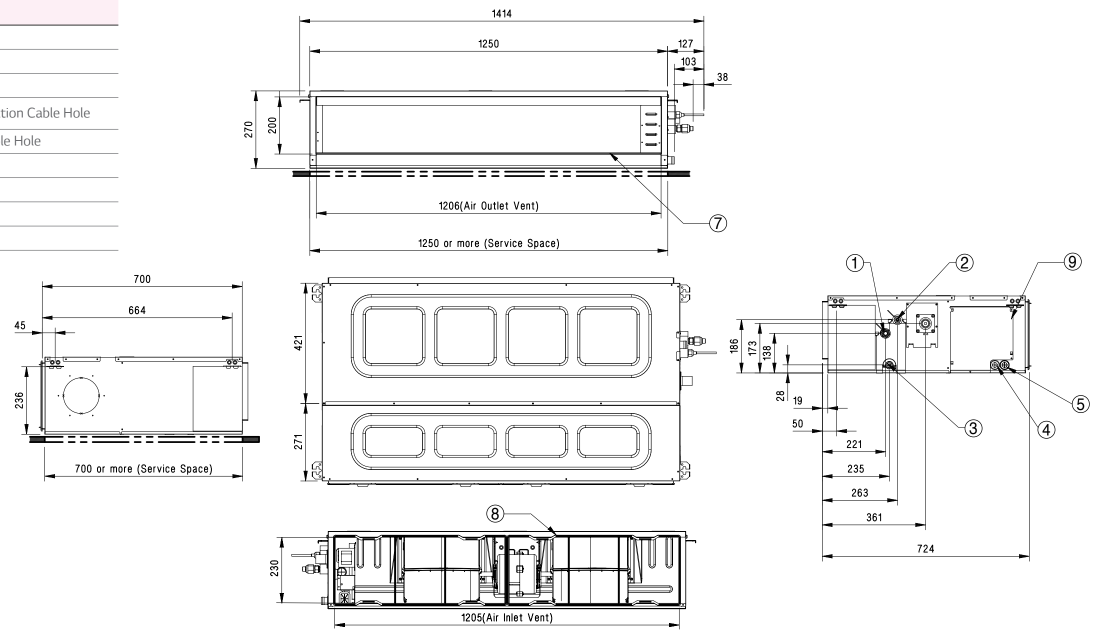
	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Routing Hole
5	Wired Remote Controller Wire Routing Hole
6	Air Inlet Vent
7	Air Outlet Vent
8	Air Filter
9	Control Cover


1064
900
128
103
38
270
200
857 (Air Outlet Vent)
900 or more (Service Space)
700
664
45
239
700 or more (Service Space)
420
271
①
②
⑨
1o6
139
27
20
202
215
243
724
③
④
⑤
⑧
231
850 (Air Inlet Vent)

UM36 N24 / UM42 N24

(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

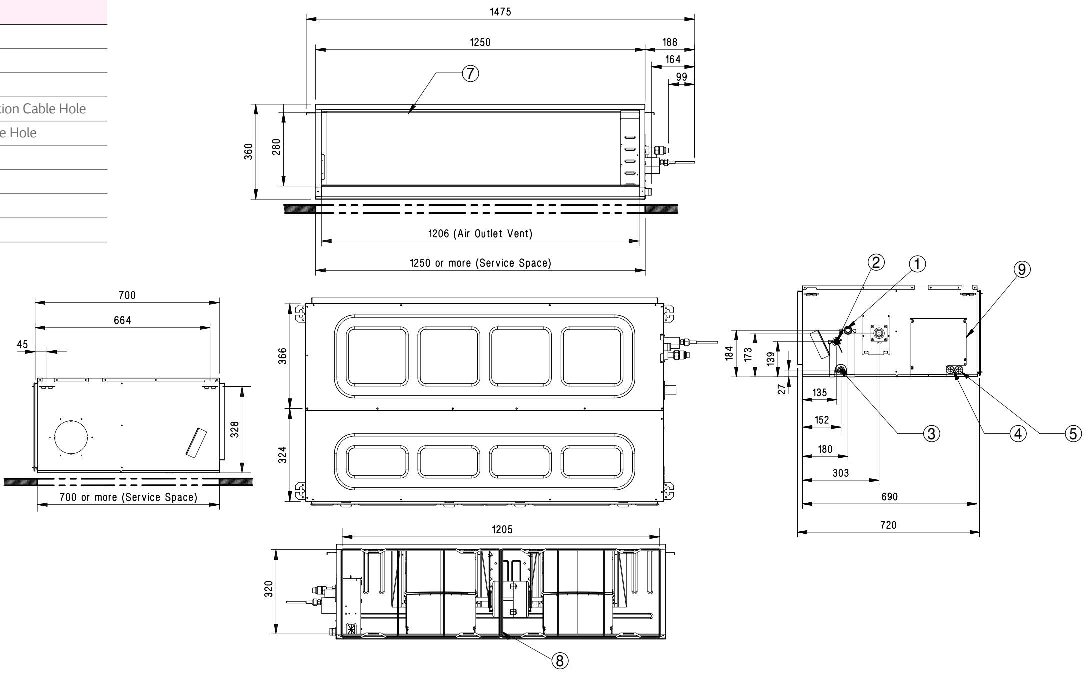

1414
1250
127
103
38
270
200
1206(Air Outlet Vent)
⑦
1250 or more (Service Space)
700
664
45
236
700 or more (Service Space)
421
271
①
②
⑨
186
173
138
28
19
50
221
235
263
361
724
③
④
⑤
⑧
230
1205(Air Inlet Vent)

CEILING CONCEALED DUCT

UM48 N34 / UM60 N34

(Unit:mm)

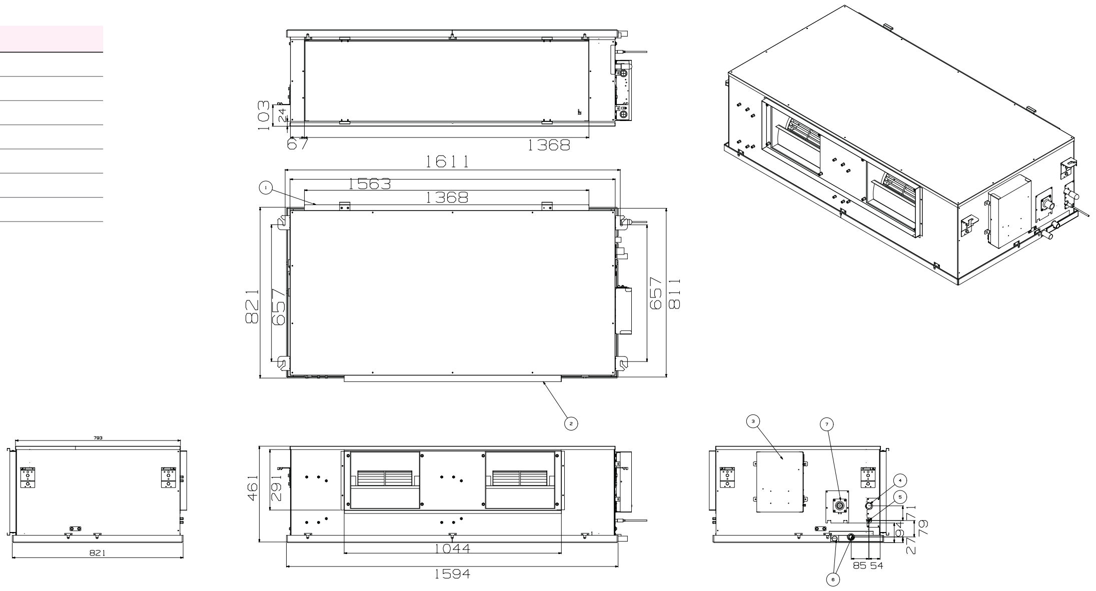
	Part Name
1	Gas pipe connection
2	Liquid pipe connection
3	Drain pipe connection
4	Power and Communication Cable Hole
5	Remote Controller Cable Hole
6	Air Inlet
7	Air Outlet
8	Air Filters
9	Control Cover


1475
1250
188
164
99
⑦
360
280
1206 (Air Outlet Vent)
1250 or more (Service Space)
700
664
45
328
700 or more (Service Space)
366
324
184
173
139
27
135
152
180
303
690
720
②
①
⑨
③
④
⑤
1205
320
⑧

UB70 N94 / UB85 N94

(Unit:mm)

	Part Name
1	Air suction flange
2	Air discharge flange
3	Control Box
4	Gas piping connection
5	Liquid pipe connection
6	Drain pipe connection
7	Drain pump (Option)

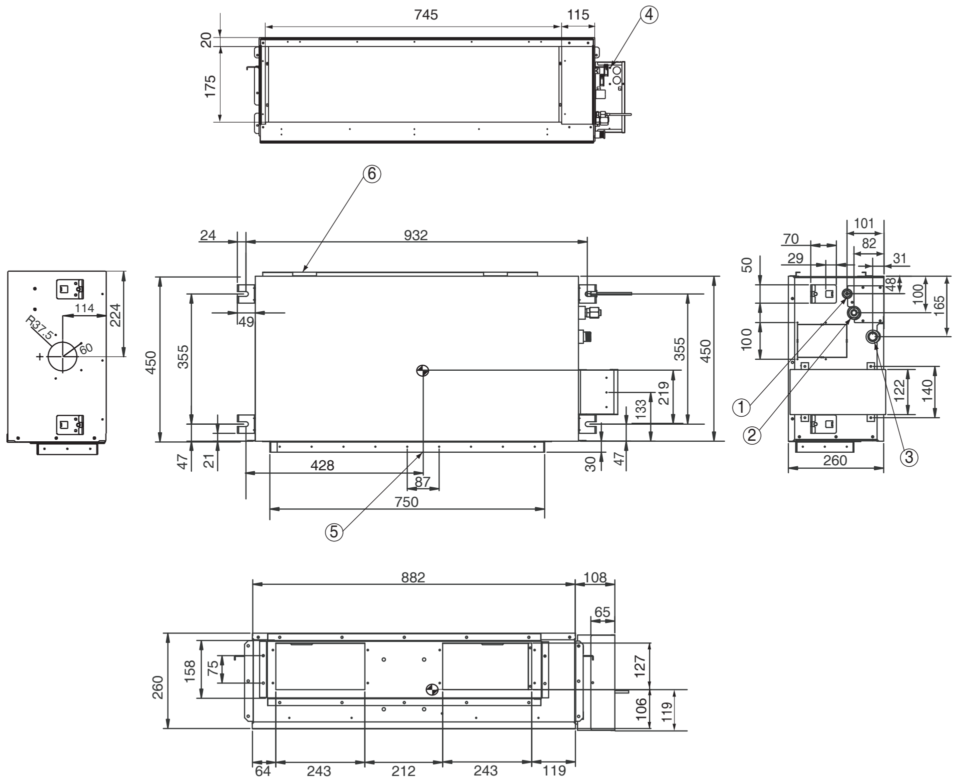

103
24
67
1611
1368
1563
1368
821
657
657
811
821
461
291
1044
1594
85
54
79

CEILING CONCEALED DUCT

UB18E NH0 / UB24E NH0

(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

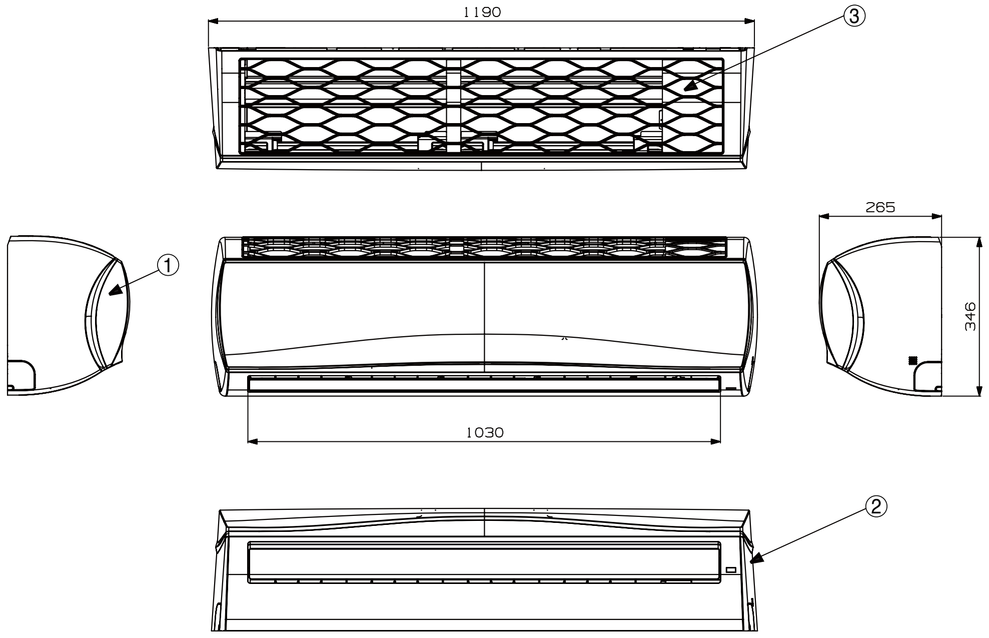

745
115
④
20
175
⑥
24
932
49
114
224
R37.5
60
450
355
355
450
219
133
47
21
428
87
750
30
47
⑤
101
70
82
29
31
50
48
100
165
100
122
140
①
②
③
260
882
108
65
260
158
75
127
106
119
64
243
212
243
119

WALL MOUNTED

UJ30 NV2 / UJ36 NV2

(Unit:mm)

	Part Name
1	Front Panel
2	Display & Signal Receiver
3	Air Suction Grille
4	Installation Plate

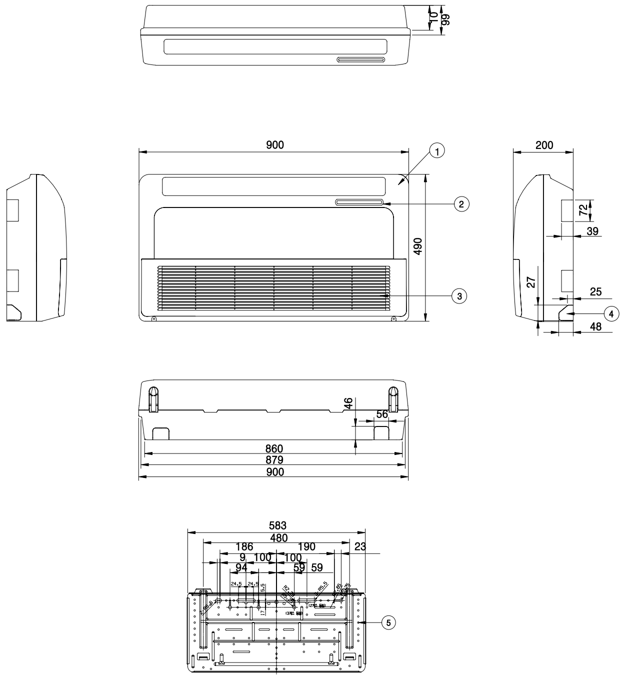

1190
③
①
265
346
1030
②

CEILING & FLOOR / CEILING SUSPENDED

CV09 NE2 / CV12 NE2

(Unit:mm)

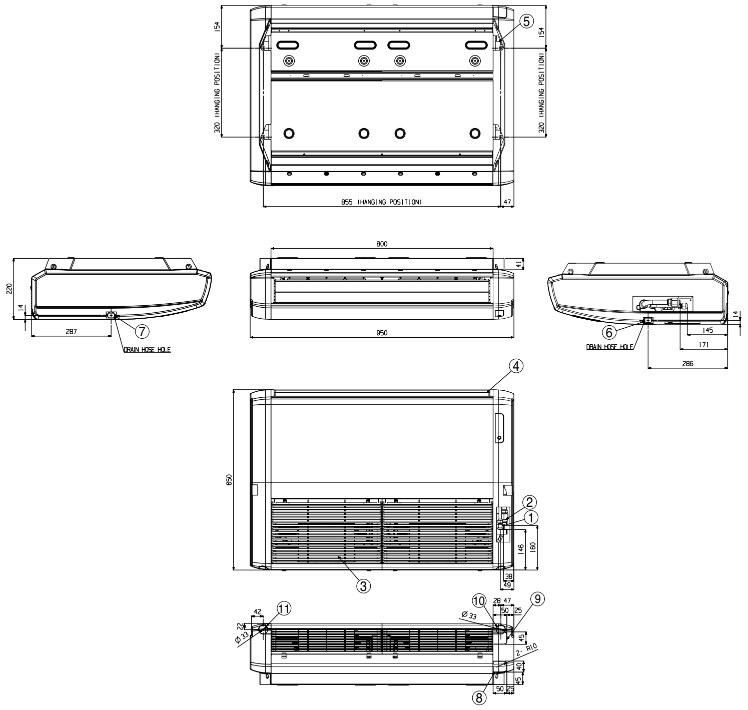
	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille
4	Knockout hole
5	Installation plate


10
99
900
①
②
③
490
200
72
39
27
25
④
48
46
56
860
879
900
583
480
186
190
23
9
100
100
94
59
59
24.5
24.5
5.5
17
⑤

CV18 NJ2 / CV24 NJ2 / UV30 NJ2

(Unit:mm)

	Part Name
1	liquid pipe
2	Gas pipe
3	Suction gille
4	Discharge grille
5	Suspension bracket
6	Right side drain hose hole
7	Left side drain hose hole
8	Wiring connection
9	Piping connection
10	Right side drain pipe connection
11	Left side drain pipe connection

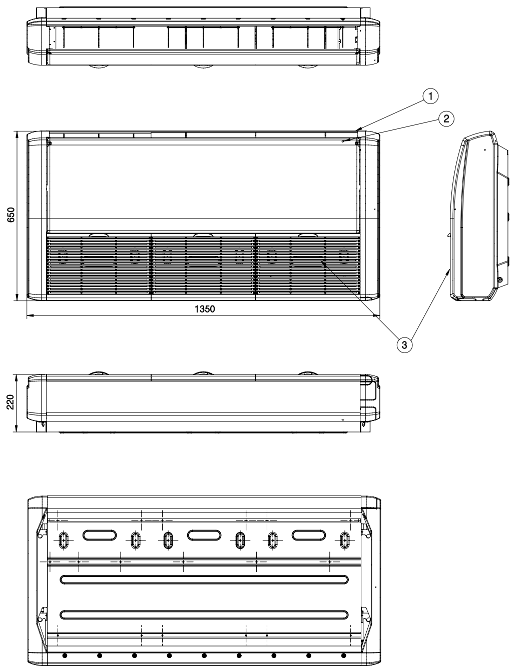

154
320 (HANGING POSITION)
⑤
154
320 (HANGING POSITION)
855 (HANGING POSITION)
47
220
14
287
⑦
DRAIN HOSE HOLE
800
41
950
14
⑥
DRAIN HOSE HOLE
145
171
286
④
650
②
①
146
160
38
49
③
42
⑪
22
Ø 33
⑩
28
47
50
25
⑨
Ø 33
45
2- R10
40
45
50
25
⑧

CEILING & FLOOR / CEILING SUSPENDED

UV36 NK2 / UV24H NK1

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille

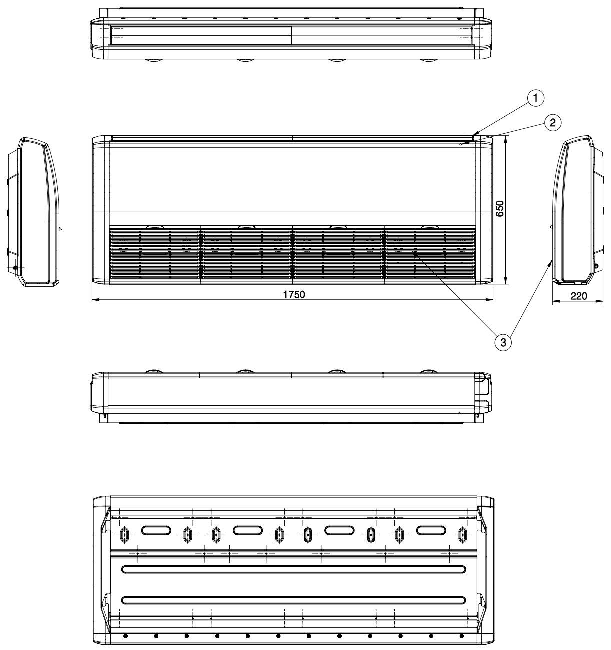


①
②
650
1350
③
220

UV42 NL2 / UV48 NL2 / UV60 NL2 / UV36H NL4 / UV42H NL4 / UV48H NL4

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille



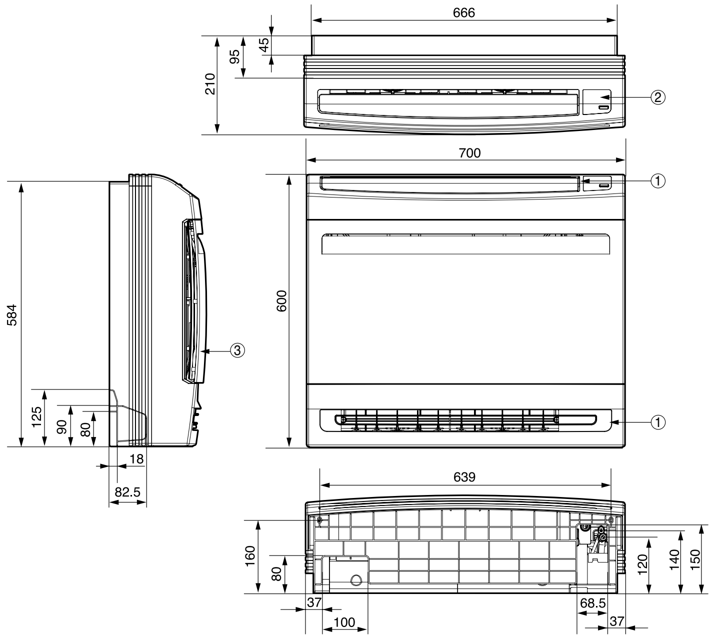
①
②
650
1750
220
③

CONSOLE

CQ09 NA0 / CQ12 NA0 / CQ18 NA0

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille



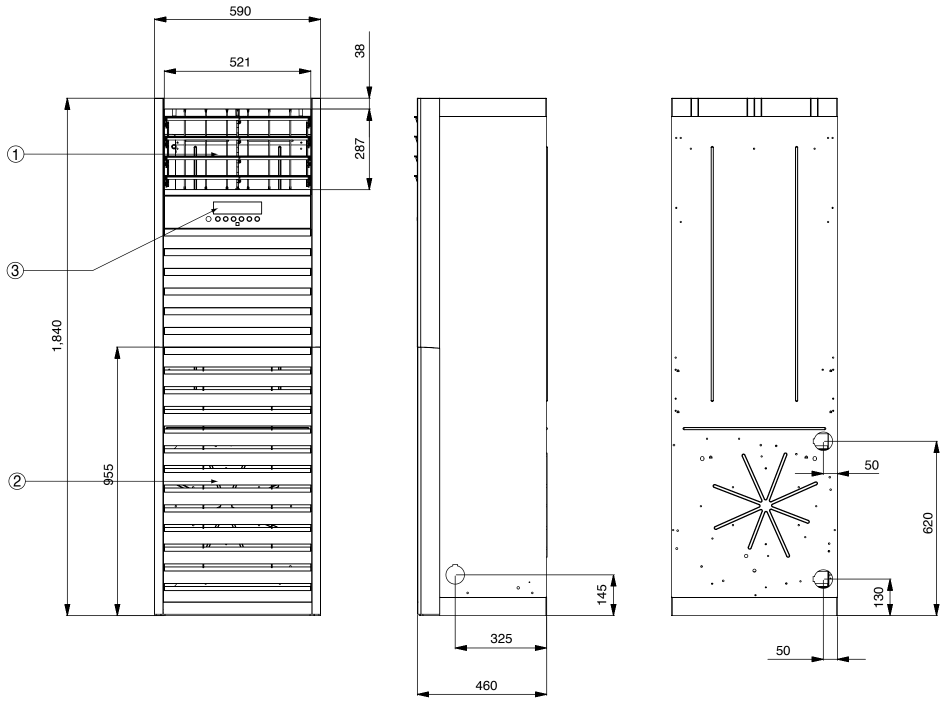
666
95
45
210
②
700
①
584
600
③
125
90
80
①
18
82.5
639
160
80
120
140
150
37
100
68.5
37

FLOOR STANDING

UP48 NT2

(Unit:mm)

	Part Name
1	Front air discharge grille
2	Display & Single receiver
3	Air suction grille



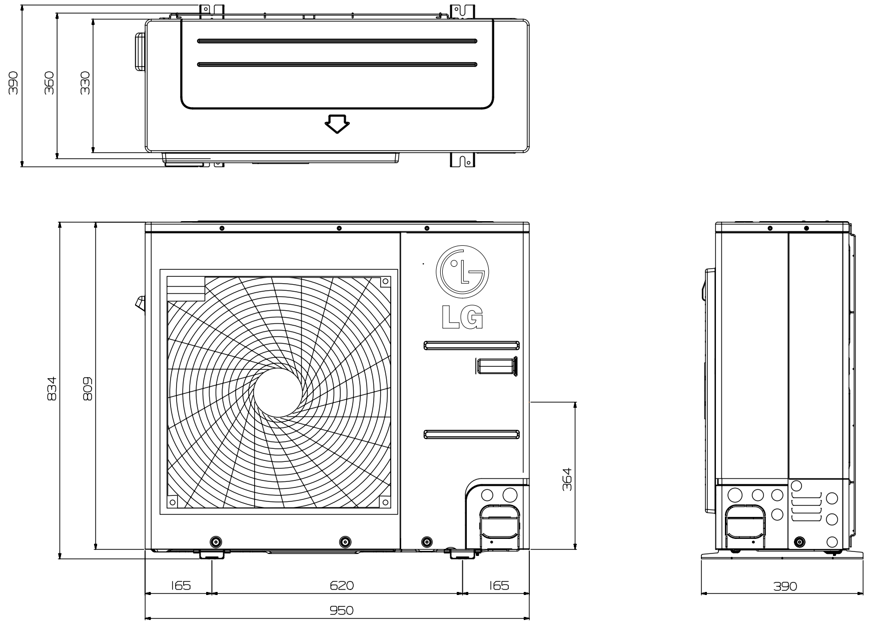
590
521
38
①
287
③
1,840
955
②
145
325
460
50
620
130
50

UNIVERSAL OUTDOOR

UU24WH U41/ UU24W U42 / UU30W U42

(Unit:mm)

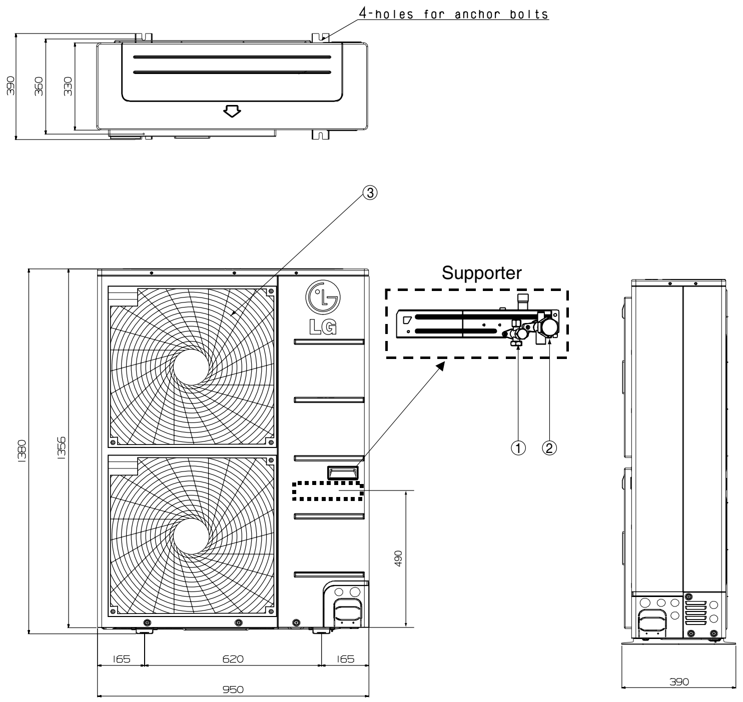
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw


390
360
330
LG
834
809
364
165
620
165
950
390

UU36WH U34 / UU42WH U34 / UU48WH U34 / UU37WH U33 / UU43WH U33 / UU49WH U33 / UU42W U32 / UU48W U32 / UU60W U32 / UU43W U32 / UU49W U32 / UU61W U32 / UU70W U34

(Unit:mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection

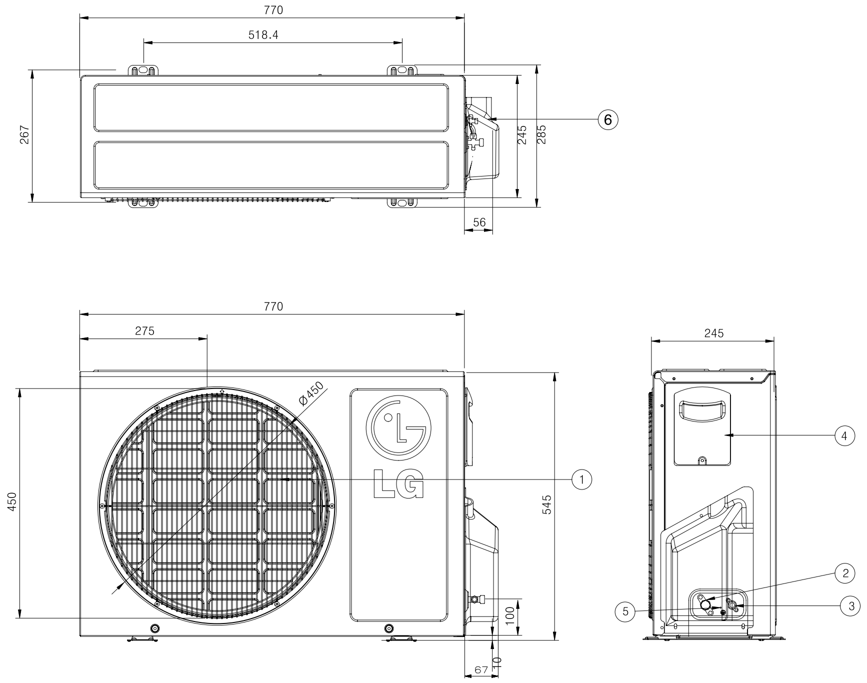

4-holes for anchor bolts
390
360
330
③
Supporter
①
②
LG
1380
1356
490
165
620
165
950
390

UNIVERSAL OUTDOOR

UU09W ULD / UU12W ULD

(Unit:mm)

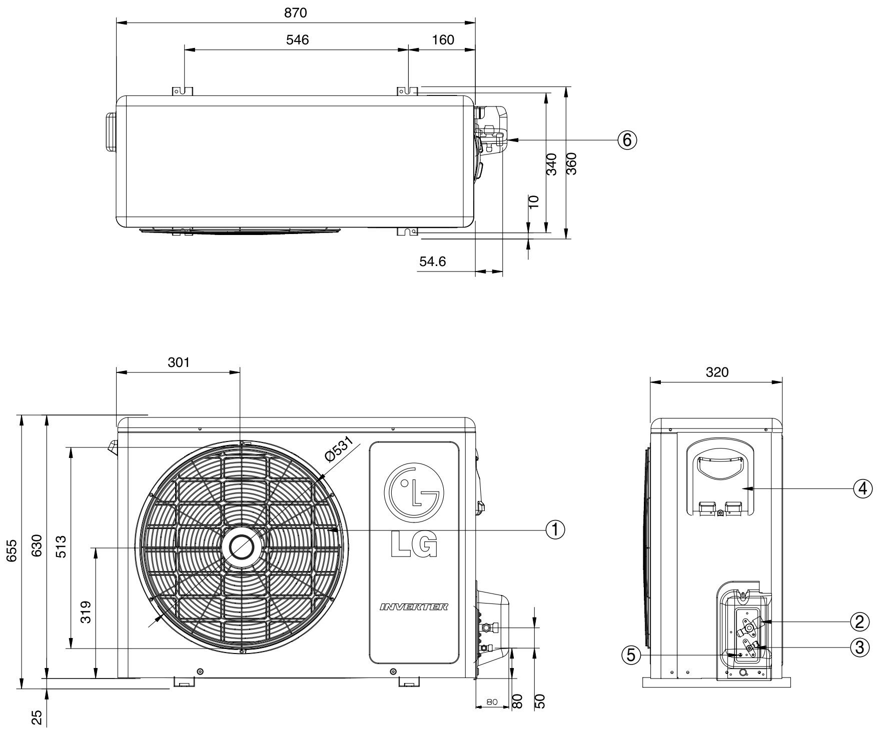
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover


770
518.4
267
245
285
⑥
56
770
275
Ø450
LG
450
545
①
100
10
67
245
④
②
⑤
③

UU18W UE2

(Unit:mm)

	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection
5	Earth screw
6	SVC valve cover

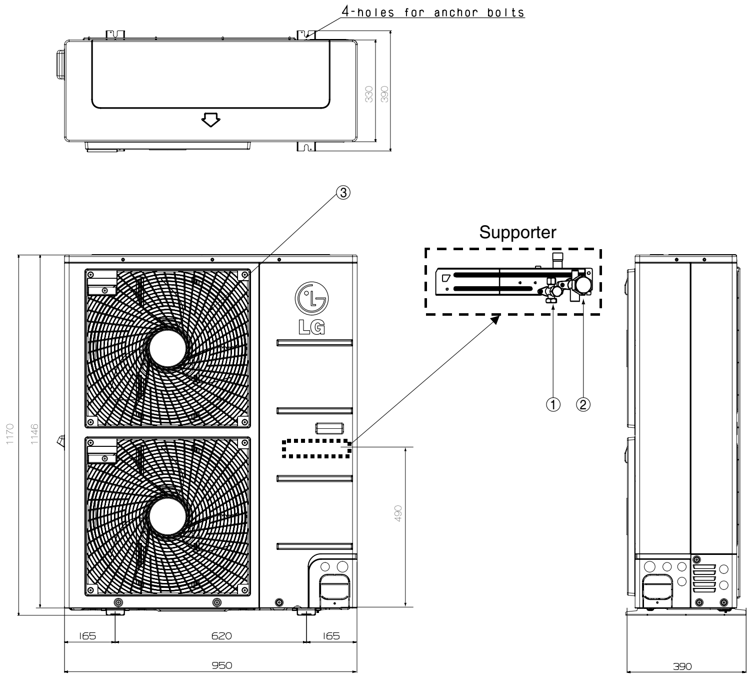

870
546
160
340
360
⑥
10
54.6
301
Ø531
LG
INVERTER
655
630
513
319
①
25
80
80
50
320
④
②
③
⑤

UNIVERSAL OUTDOOR

UU36W UO2 / UU37W UO2

(Unit:mm)

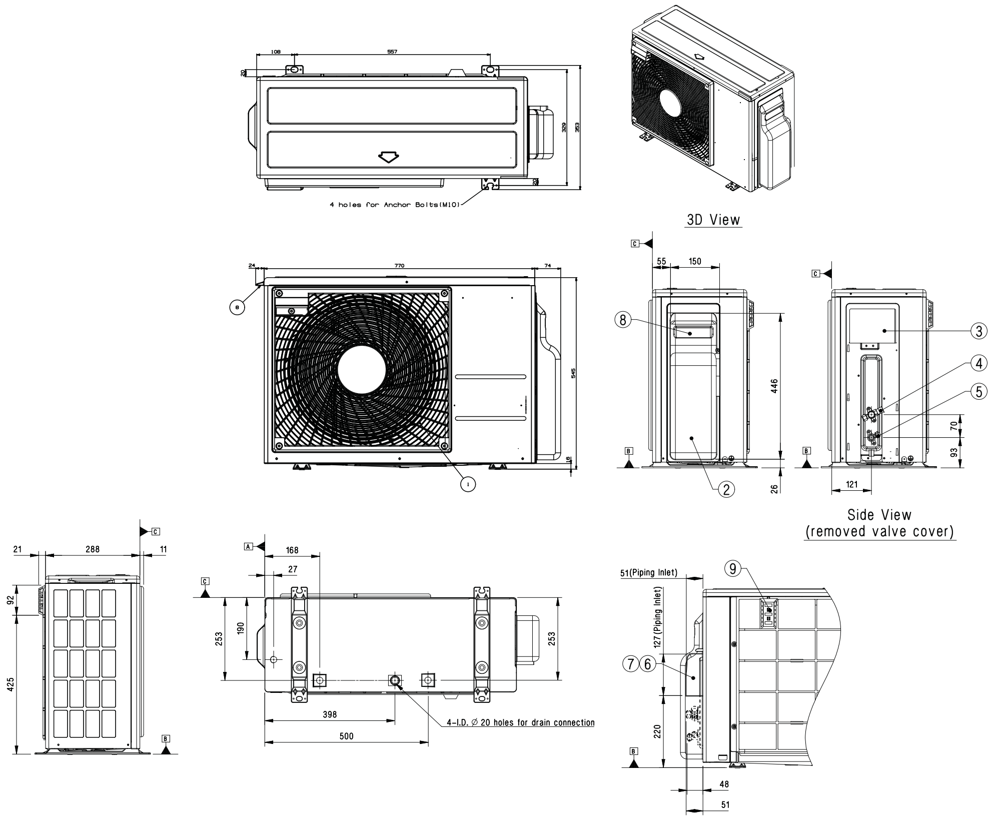
	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & Transmission connection


4-holes for anchor bolts
Supporter
③
①
②
LG
330
390
1170
1146
400
165
620
165
950
390

UU18WE UL0

(Unit:mm)

	Part Name
1	Air Outlet
2	Control cover & SVC valve cover
3	Power and communication cable connection
4	Gas Pipe connetion
5	Liquid Pipe Connection
6	Power and Communication cable routing hole
7	Refrigerant pipe rouing hole
8	Handle
9	Intake air temperature sensor cover

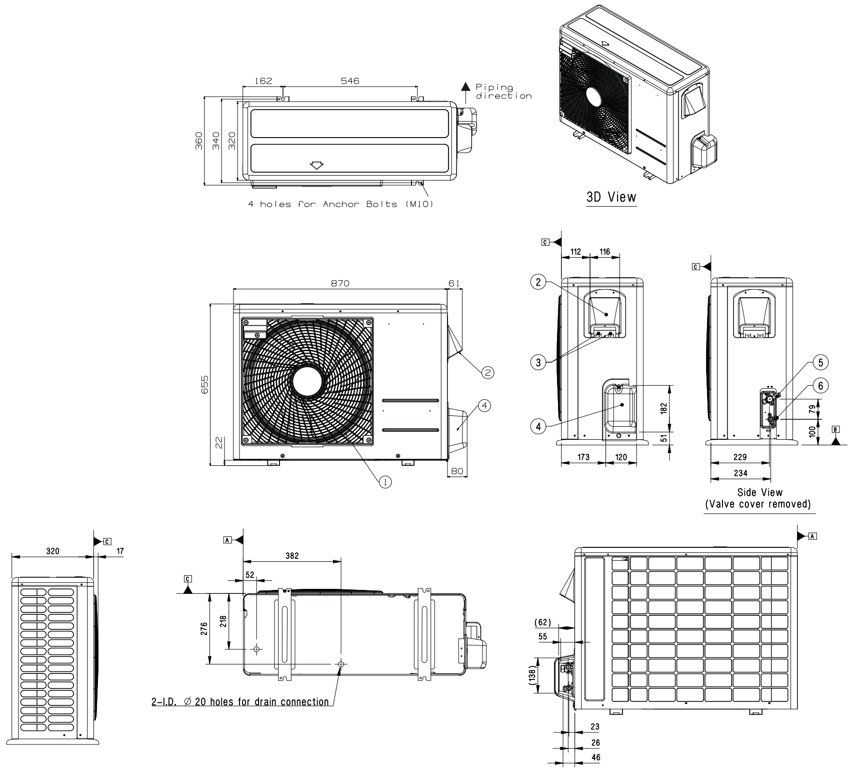

4 holes for Anchor Bolts(M10)
3D View
Side View
(removed valve cover)
4-I.D. Ø 20 holes for drain connection
51(Piping Inlet)
127(Piping Inlet)
288
425
398
500
168
770
446
48
51

UNIVERSAL OUTDOOR

UU24WE UE0

(Unit:mm)

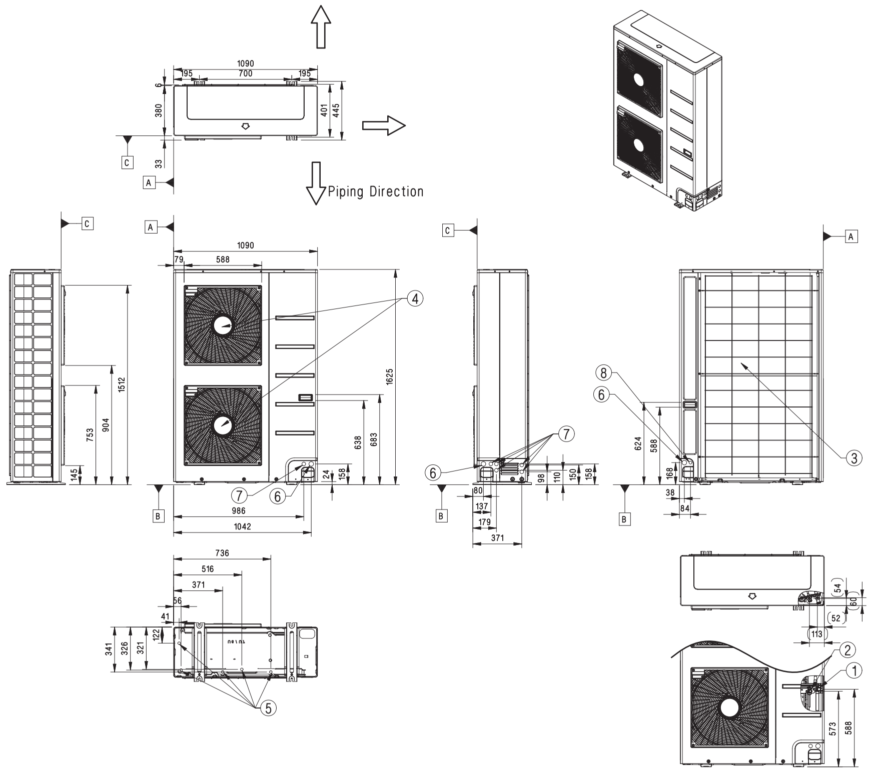
	Part Name
1	Air Oulet
2	Control Cover
3	Power and communication Cable Hole
4	SVC Valve cover
5	Gas Pipe Connection
6	Liquid Pipe Connection


Piping direction
4 holes for Anchor Bolts (M10)
3D View
Side View
(Valve cover removed)
2-I.D. Ø 20 holes for drain connection
162
546
360
340
320
870
61
655
320
382
229
234

UU85W U74

(Unit:mm)

	Part Name
1	Gas piping connection
2	Liquid piping connection
3	Air Inlet
4	Air Outlet
5	Drain Hole
6	Power and communication Cable Hole
7	Power and communication Cable Hole
8	Power and communication Cable Hole

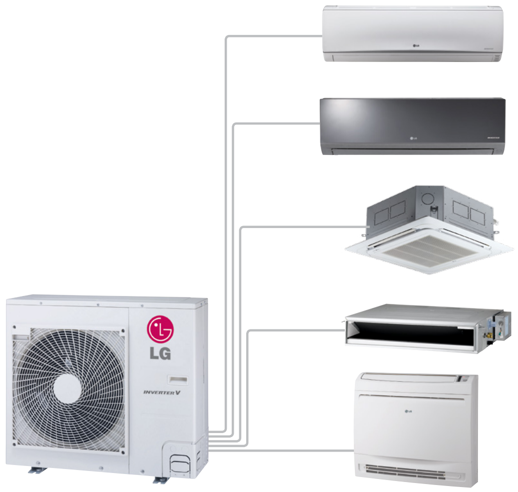
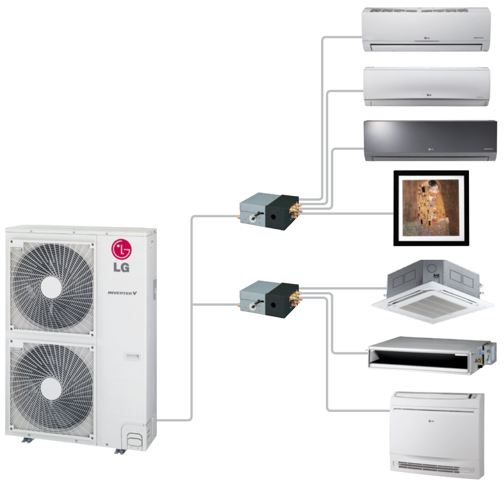

Piping Direction
1090
700
1090
588
1625
986
1042
736
516
371

MULTI SPLIT

108 Outdoor Units
116 Indoor Units
130 Accessories
134 Combination Table

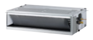
MULTI SPLIT
LINE UP

OUTDOOR UNITS

kBtu	Type kW	Multi Piping	Max. Indoor units	Phase	Combination Sample
14	4.1	**New** MU2M15 UL3	2	1ø	
16	4.7	**New** MU2M17 UL3	2	1ø	
18	5.3	**New** MU3M19 UE3	3	1ø	
21	6.2	**New** MU3M21 UE3	3	1ø	
24	7.0	**New** MU4M25 U43	4	1ø	
27	7.9	**New** MU4M27 U43	4	1ø	
30	8.8	**New** MU5M30 U43	5	1ø	
40	11.7	MU5M40 UO2	5	1ø	
kBtu	Type kW	DB Box Type	Max. Indoor units	Phase	Combination Sample
40	11.7	FM40AH UO2	7	1ø	
46	13.5	FM41AH U32	7	3ø	
48	14.1	FM48AH U32 FM49AH U32	8	1ø 3ø	
57	16.7	FM56AH U32 FM57AH U32	9	1ø 3ø	

LG MULTI systems offer various indoor units and outdoor units up to 16.7kW. More than 2,000 combinations are possible with 14 types of outdoor unit and 41 types of indoor unit

INDOOR UNITS

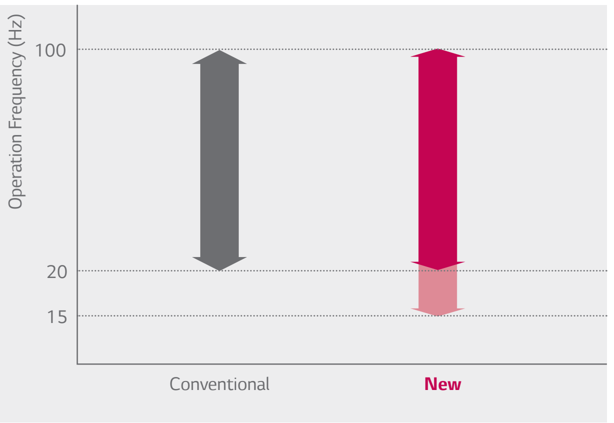
Type	kBtu	5	7	9	12	15	18	24
	kW	1.5	2.1	2.6	3.5	4.2	5.3	7
Wall Mounted Unit	**Standard**	 MS05SQ NW0	 MS07SQ NW0	 MS09SQ NB0	 MS12SQ NB0	 MS15SQ NB0	 MS18SQ NC0	 MS24SQ NC0
	Deluxe		 MS07AQ NB0	 MS09AQ NB0	 MS12AQ NB0		 MS18AQ NC0	 MS24AQ NC0
	ART COOL Mirror		 MS07AW* NB0	 MS09AW* NB0	 MS12AW* NB0		 MS18AW* NC0	 MS24AW* NC0
	ART COOL Gallery			 MA09AH1 NF1	 MA12AH1 NF1			
	ART COOL Pannel			 MA09AH* NF1	 MA12AH* NF1			
Ceiling Mounted Cassette	**1 Way Cassette**			 MT09AH NU1	 MT11AH NU1			
	4 Way Cassette	 MT06AH NR0	 MT08AH NR0	 CT09 NR2	 CT12 NR2		 CT18 NQ2	 CT24 NP2
Ceiling Concealed Duct	Mid/High Static Pressure						 CM18 N14	 CM24 N14
	Low Static Pressure			 CB09L N12	 CB12L N22		 CB18L N22	 CB24L N32
Ceiling & Floor Convertible Unit / Ceiling Suspended Unit				 CV09 NE2	 CV12 NE2		 CV18 NJ2	 CV24 NJ2
Console				 CQ09 NA0	 CQ12 NA0		 CQ18 NA0	

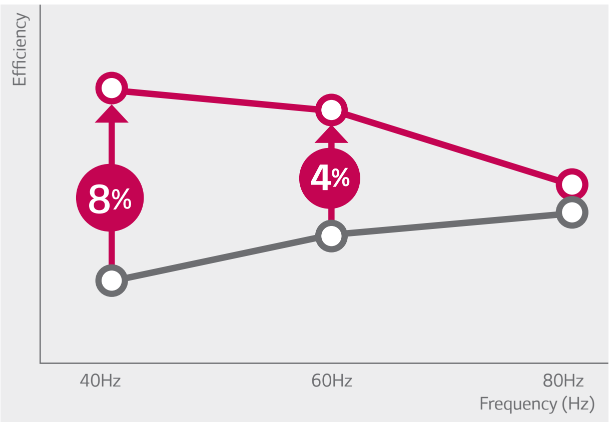
ART COOL Mirror Note : *indicates panel color_Mirror(R), Silver(V), White(W)
ART COOL Panel Note : *indicates panel color_Silver(V), Red(E), Gold(G), White Silver(H)

ENERGY EFFICIENCY

BLDC (Brushless Direct Current motor) Compressor

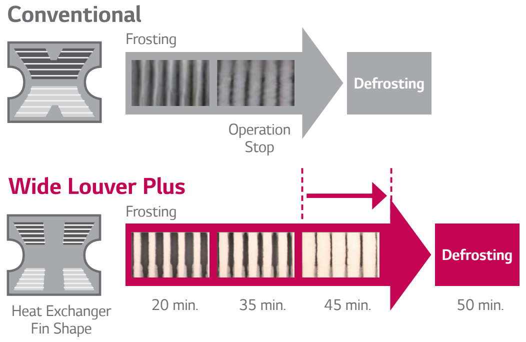
LG air conditioners are equipped with a BLDC compressor that uses a strong neodymium magnet.
The compressor has improved efficiency compared to standard AC inverter products and it is optimised for seasonal efficiency.

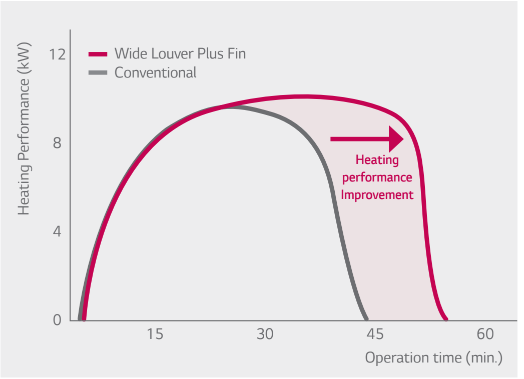




Wide Louver Plus Fin

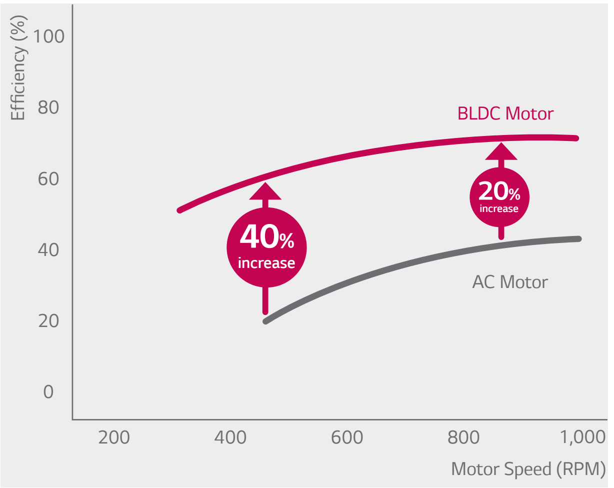
Wide Louver Plus fin technology increases 11% of full load heating performance and 6% of COP compared to conventional fin.
It can slow down frosting of heat exchanger and postpone the start of defrosting operation.


Conventional
Frosting
Defrosting
Operation Stop
Wide Louver Plus
Frosting
Defrosting
Heat Exchanger Fin Shape
20 min.
35 min.
45 min.
50 min.



BLDC Fan Motor

The BLDC Fan motor is more efficient than a conventional AC motor, offering an additional 40% energy savings at low speeds and 20% at high speeds.



Optimised Heat Exchange Path

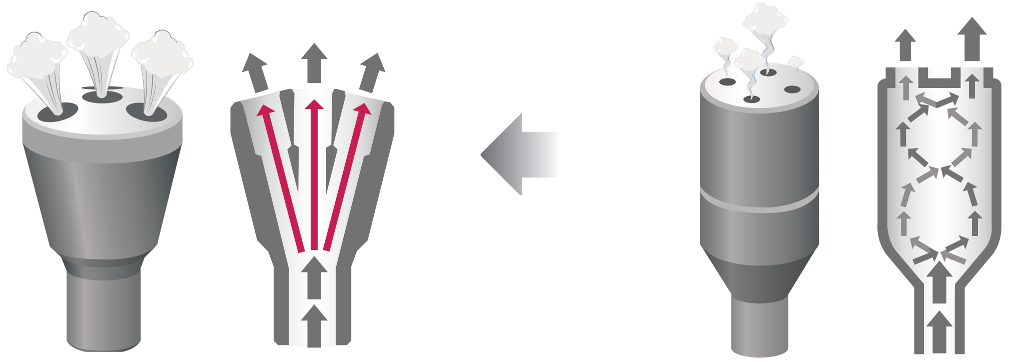
Optimised heat exchanger path improved cycle efficiency up to 5%.

New

Equal distribution

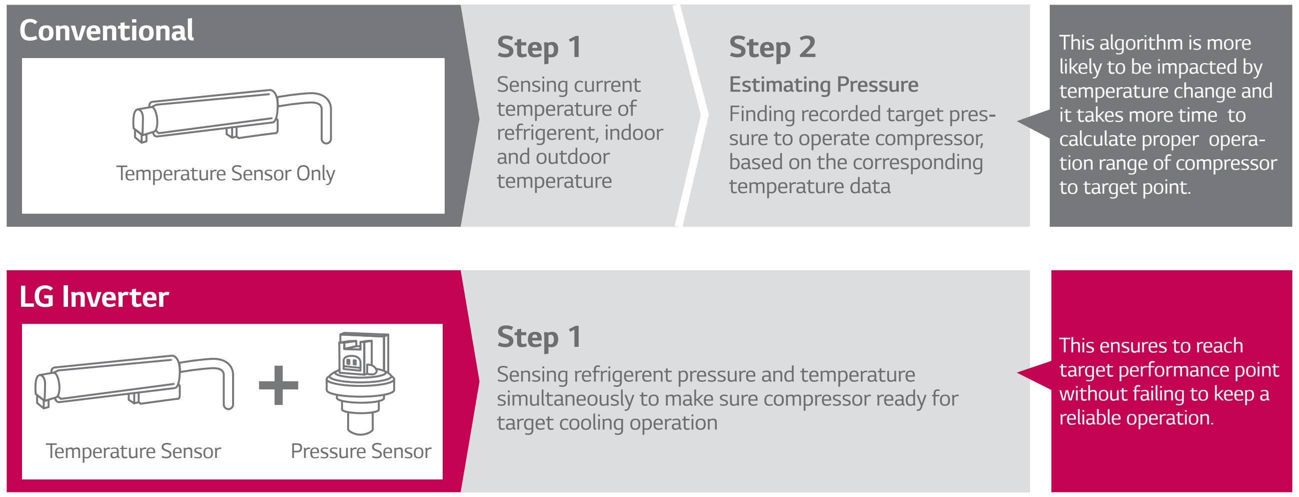
Conventional

Unequal distribution



QUICK COOLING & HEATING

Quick Response



Conventional

Step 1

Sensing current temperature of refrigerent, indoor and outdoor temperature

Step 2

Estimating Pressure

Finding recorded target pressure to operate compressor, based on the corresponding temperature data

This algorithm is more likely to be impacted by temperature change and it takes more time to calculate proper operation range of compressor to target point.

LG Inverter

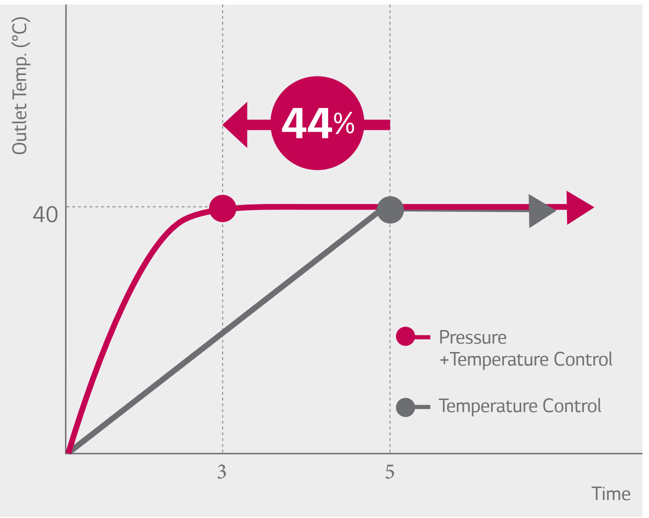
Step 1

Sensing refrigerent pressure and temperature simultaneously to make sure compressor ready for target cooling operation

This ensures to reach target performance point without failing to keep a reliable operation.

Pressure control takes less time to reach the desired temperature up to 30% in cooling and 44% in heating with high level of accuracy and stability.

Heating

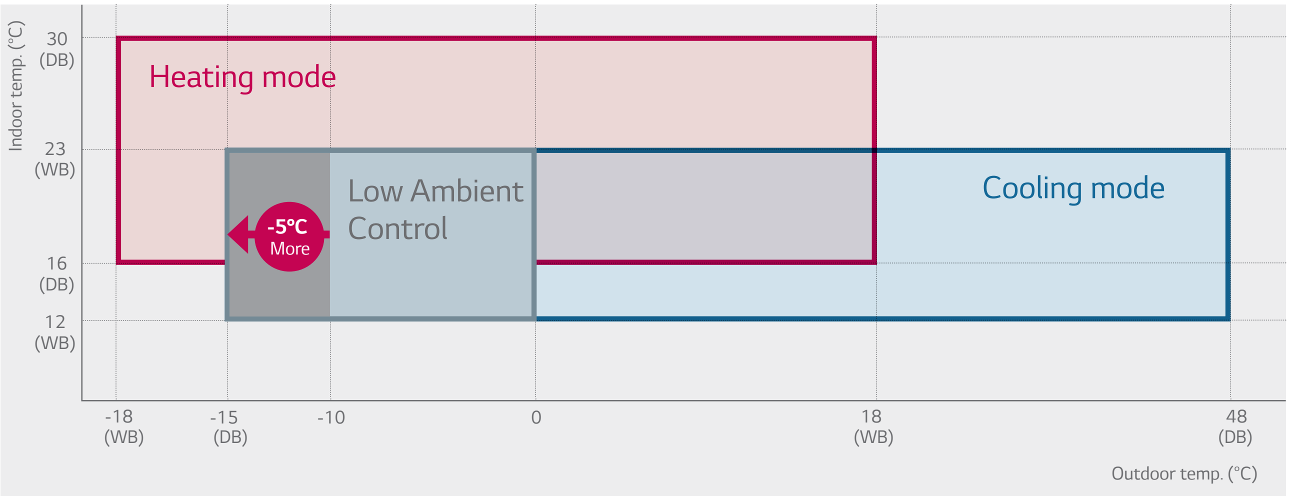


* Based on internal test data

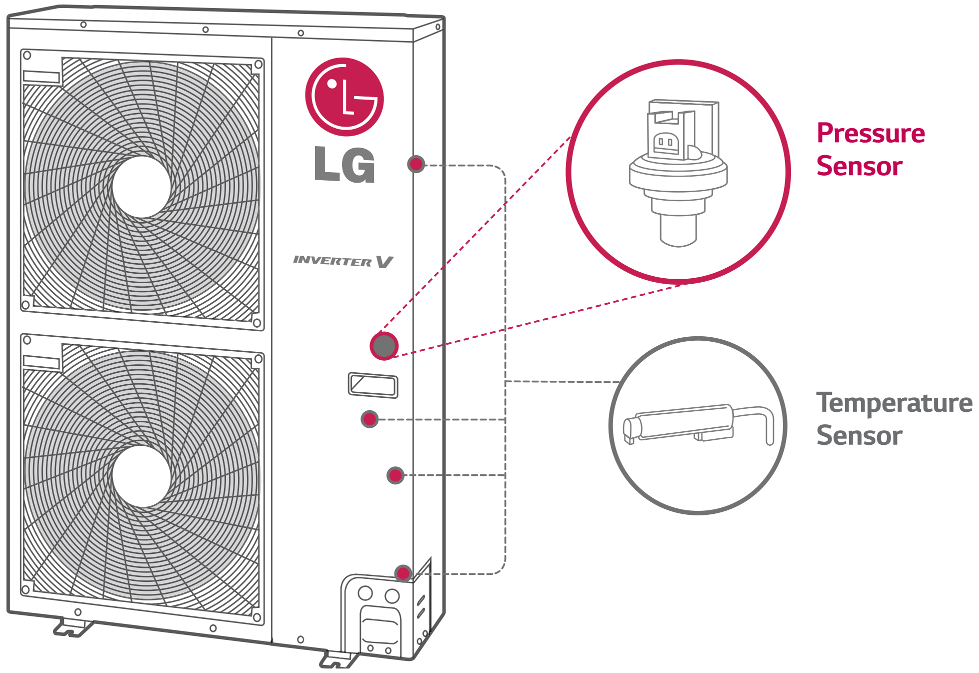
OPERATION RANGE

Wide operation range

Multi split has wide operation range, it can be ideal solution for sever rooms, machine rooms and kitchen.



* MU2M15 UL3 / MU2M17 UL3 Cooling Range : -15°C~46°C



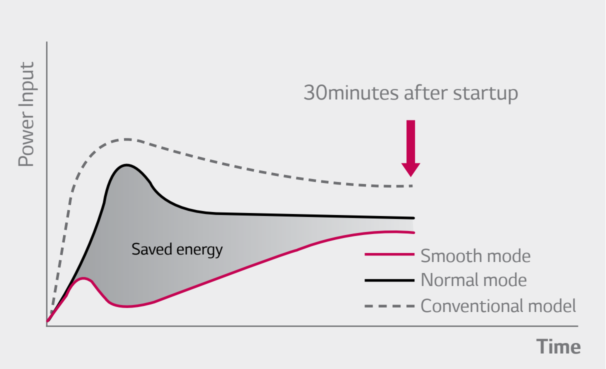
SAVING COST & ENERGY

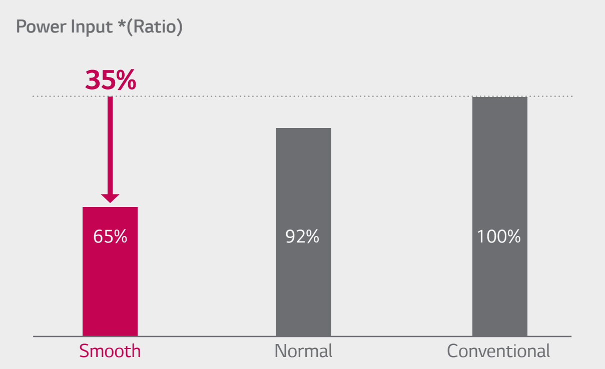
New

Smart Load Control

Startup Operation Energy Saving

If you choose "Smooth mode" by dip switch at ODU, the loads and discharge air temperature will be automatically changed by outdoor and setting temperature. During 30 minutes after startup, you can save 35% power input compared to conventional one.

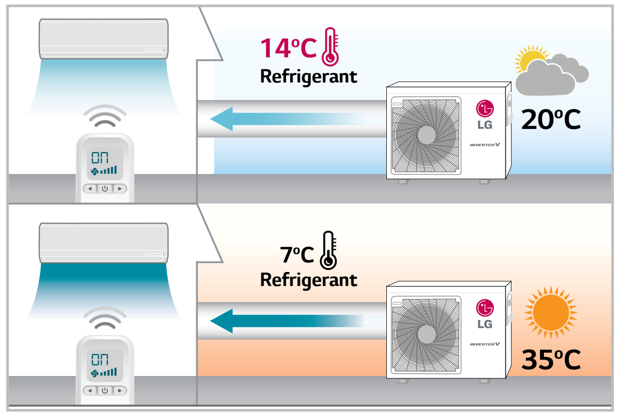


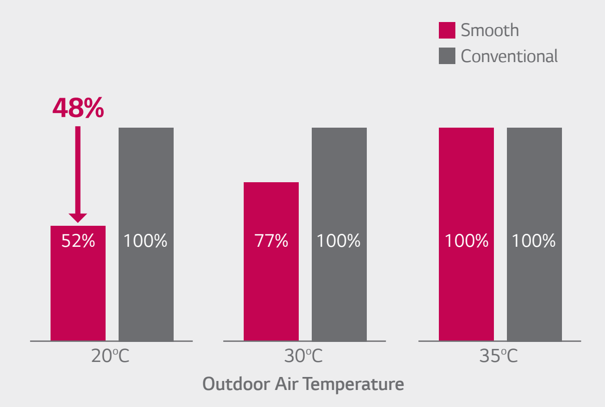


*This image is a schematic diagram to help you understand, represent the trend of the conventional model and the new model.

Real Time Energy Saving

After started up 30 minutes on Smooth mode, ODU changes indoor discharge air temperature continuously according to load.



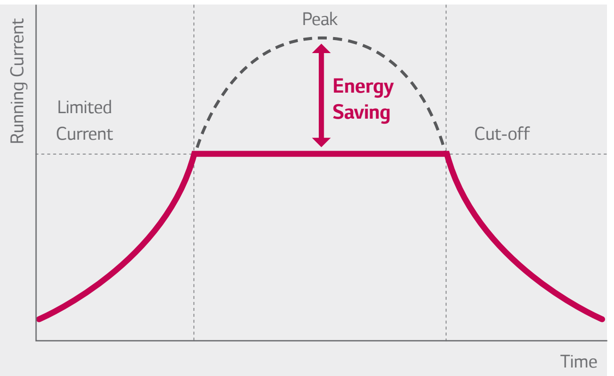


* Applied Models : MU3M19 UE3 / MU3M21 UE3 / MU4M25 U43 / MU4M27 U43 / MU5M30 U43 / MU5M40 U02

* Tested model/Condition : MU3M19 UE3 / ISO 5151

Peak Current Control

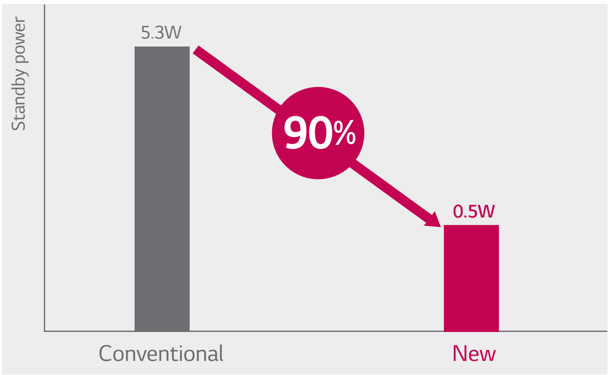
The peak current control function keeps the air conditioner from running at the maximum level while maintaining current system setting, in order to reduce energy consumption. This function can help to cut energy costs during the peak periods of energy use when the energy fee is much higher.



* Applied to all MULTI outdoors

Standby Mode

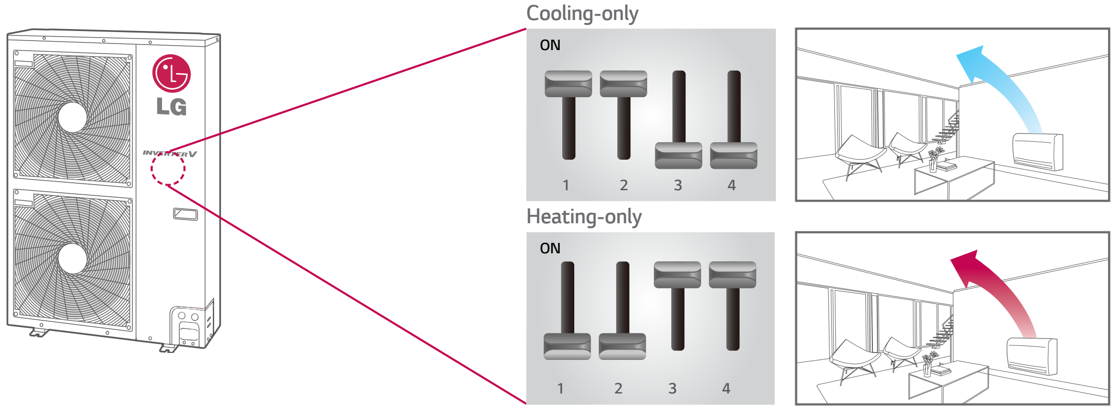
This function can minimise power consumption by turning power off on the PCB except for the MICOM which receives signals.



* Based on MU3M19UE3

Mode Lock

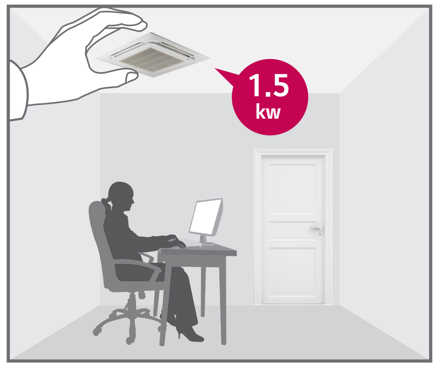
Setting operation mode to either cooling-only or heating-only by adjusting dip switch, in order to prevent mixed use of cooling and heating.

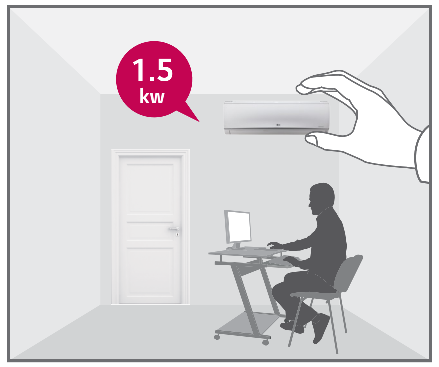


* Applied to all MULTI outdoors

Save Energy in Small Spaces

LG has 1.5kW Indoor unit (Ceiling Mounted Cassette/Wall Mounted Unit) that is enough to small spaces with Multi Split system.





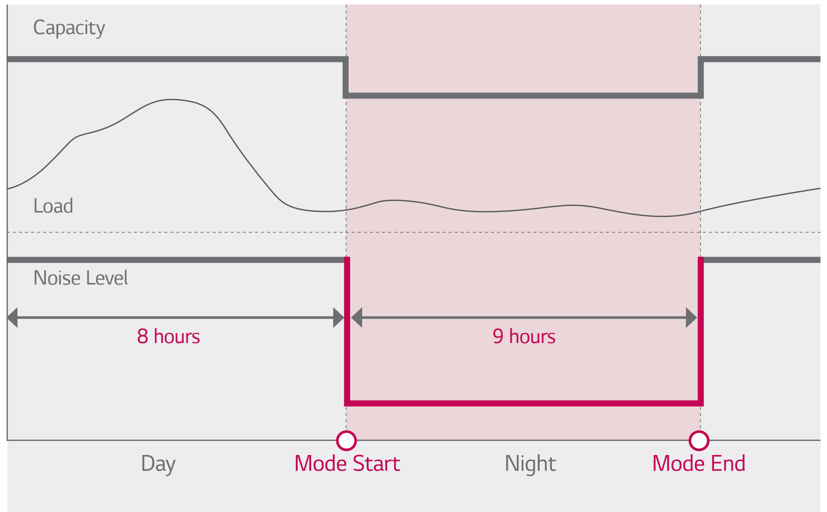
* 1.5kW : MS05SQ NW0 (Wall Mounted Unit) / MT06AH NR0 (4Way Cassette)

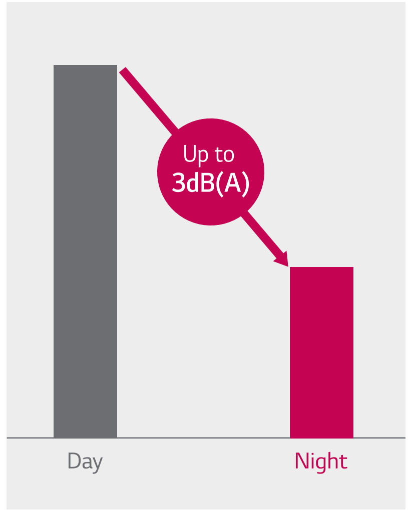
QUIET OPERATION

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

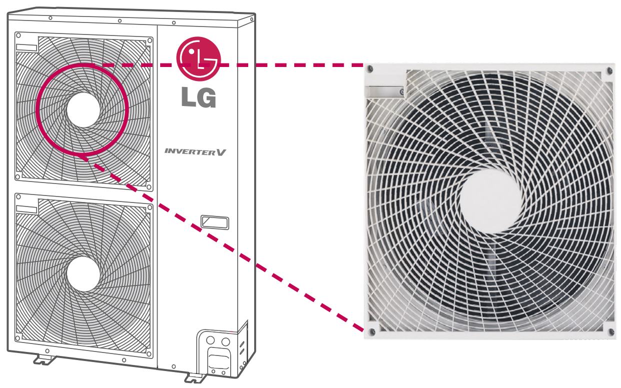
- **Cooling Mode**



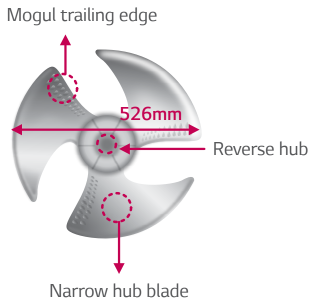


Improved Grille & Fan

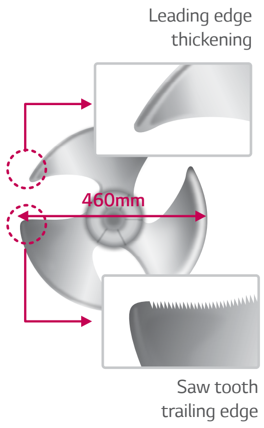
The new grille shape design on the outdoor unit helps to disperse air more efficiently which improves heat exchange and reduces noise level. The new axial fan has a thick front edge and smooth rear edge, this provides a high efficiency, low noise, wide fan, as well as improving the air flow rate.


LG
INVERTER V

Grille


Mogul trailing edge
526mm
Reverse hub
Narrow hub blade

Fan Type 1


Leading edge
thickening
460mm
Saw tooth
trailing edge

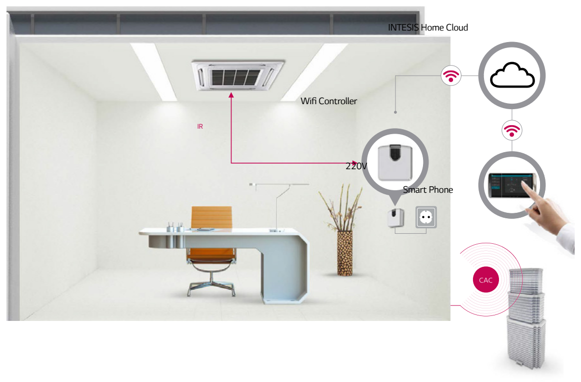
Fan Type 2

CONVENIENCE

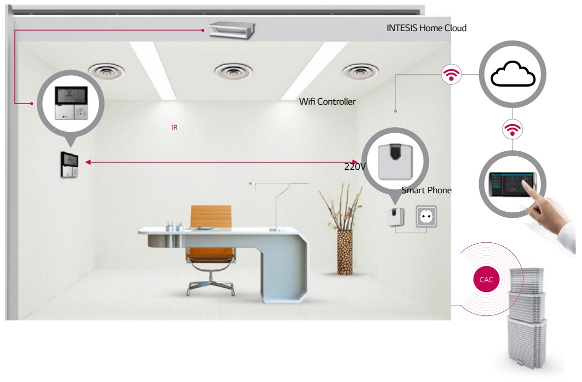
New
Wi-Fi Control

LG all MULTI SPLIT can be controlled by Wi-Fi via smart internet devices as Android or iOS based smartphones and Intesis Wi-Fi Module. (Option)

Case 1) Connection with Indoor units with IR receiver


INTESIS Home Cloud
Wifi Controller
IR
220V
Smart Phone
CAC

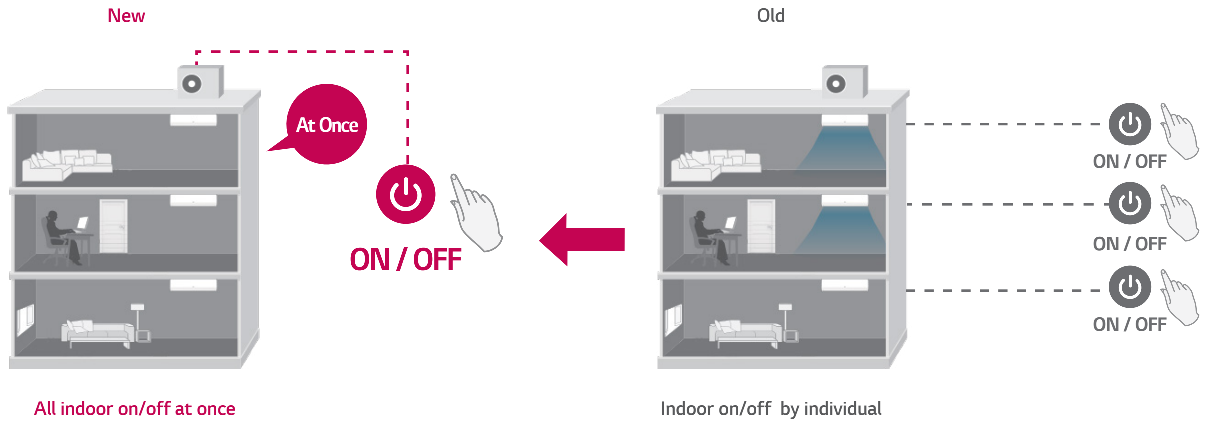
Case 2) Connection with duct type Indoor units


INTESIS Home Cloud
Wifi Controller
220V
Smart Phone
CAC

[1] This product is provided by INTESIS. For more information, please contact INTESIS directly

New
Outdoor Dry Contact

LG New models have applied outdoor dry contact on outdoor unit. It can make you easily take on and off all indoor units at once.


New
Old
At Once
ON / OFF
ON / OFF
ON / OFF
ON / OFF
All indoor on/off at once
Indoor on/off by individual

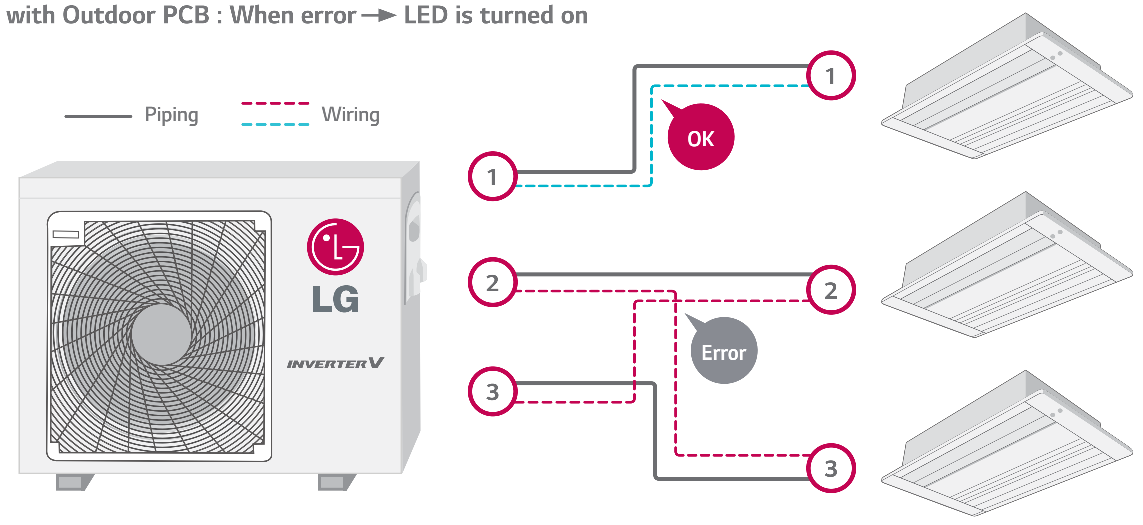
* Applied Models
MU3M19 UE3 / MU3M21 UE3

CONVENIENCE

Wiring Error Check

Installers can check whether the transmission cable has been connected correctly by using the wiring error check function. Previously when the transmission cable was wrongly connected, several checks and reinstallations were needed. However the wiring error check can reduce the time taken to check for transmission cable errors.

Check with Outdoor PCB : When error → LED is turned on

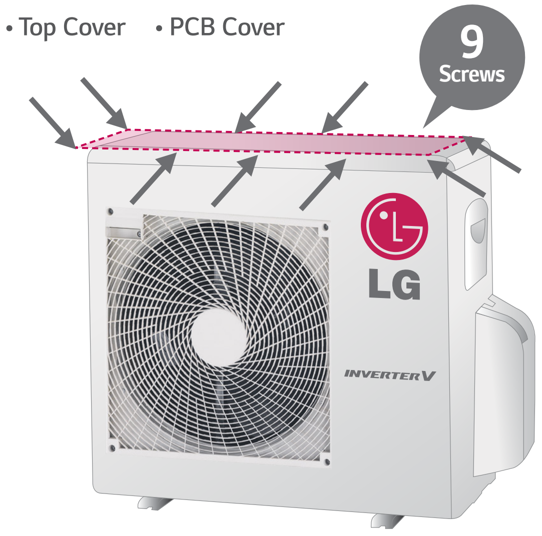

Piping
Wiring
1
OK
1
2
2
Error
3
3
LG
INVERTER V

Easy to Access PCB

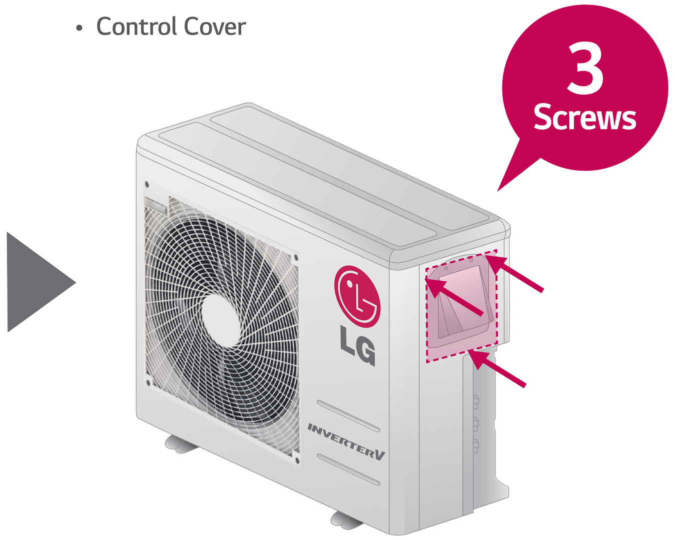
Users can easily access data by opening the control cover and checking the PCB on the side of the unit.

Easy to check PCB

- Top Cover
- PCB Cover


9
Screws
LG
INVERTER V

- Control Cover

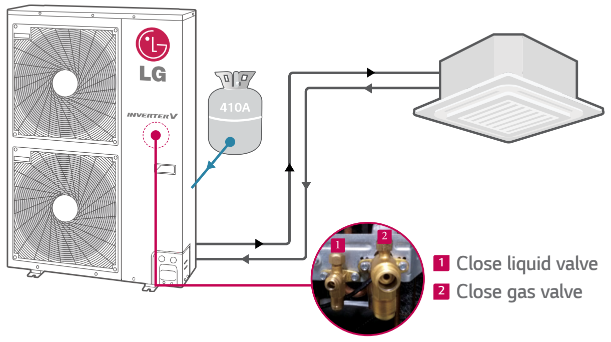

3
Screws
LG
INVERTER V

- Applied Models
  MU2M15 UL3 / MU2M17 UL3 / MU3M19 UE3 / MU3M21 UE3

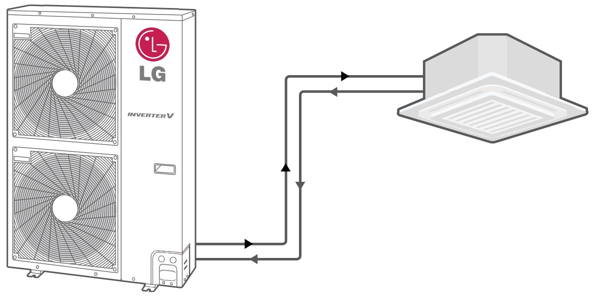
Forced Cooling Operation

The forced cooling operation allows refrigerant to be recharged or pumped down, regardless of the indoor temperature.
More importantly this function can be used when indoor units are being moved or repaired.

Recharging

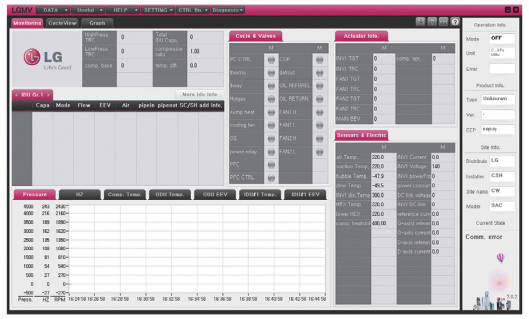

LG
INVERTER V
410A
1
2
1 Close liquid valve
2 Close gas valve

Pump Down


LG
INVERTER V

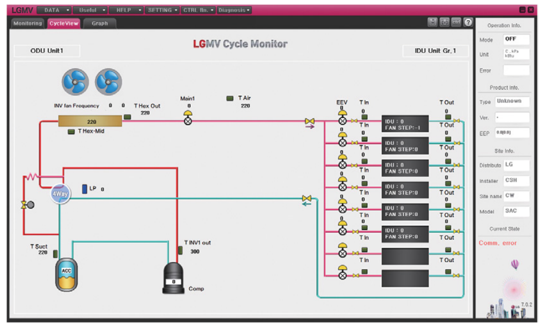
LG MV (Monitoring View)

LG MV helps engineers to inspect and monitor air conditioning units easily.
Information is provided by product type. (Single Split & Multi Split)



- IDU info.
- Cycle & valves
- Actuator info.
- Sensors & Electricity
- ODU info.

LG MV provides cycle information with diagrams and the user can check accumulated data on a graph.


LGMV Cycle Monitor

A technician can easily check the error status by looking at the indicator information.(Troubleshooting guide)

Error indicator

Error Code	Contents
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error : wired remote controller ◀▶ indoor unit

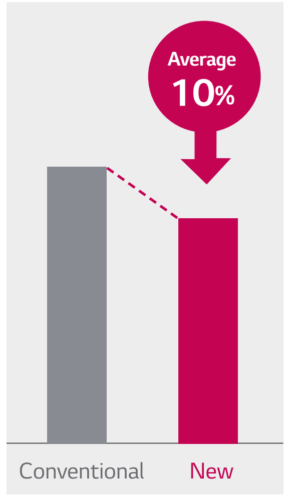
·
·
·

CONVENIENCE

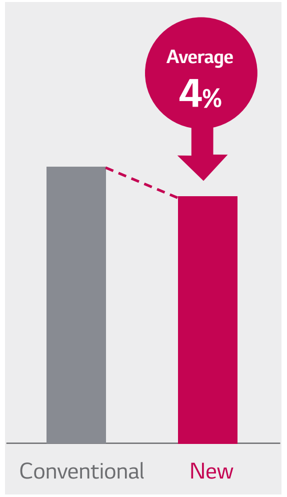
Compact Size & Lightweight

The MULTI F are more compact and lighter compared to previous models.
The reduction in weight makes it easier to carry and install.

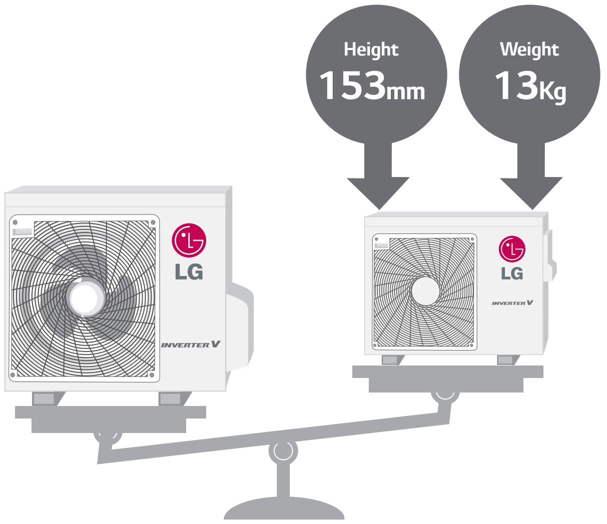
Weight



Refrigerant



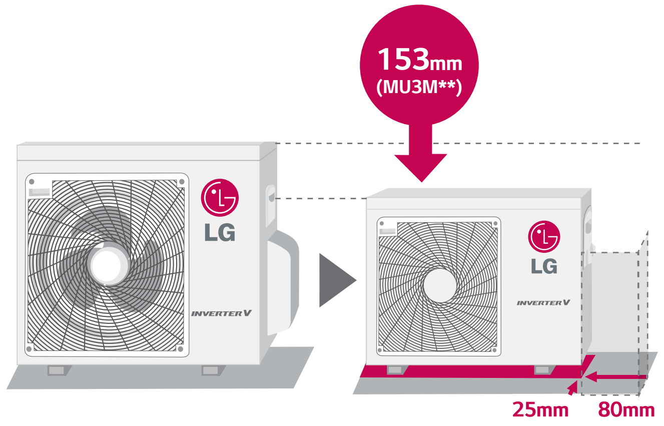
MU3M19 UE3 / MU3M21 UE3


Height
153mm
Weight
13Kg
LG
INVERTER V

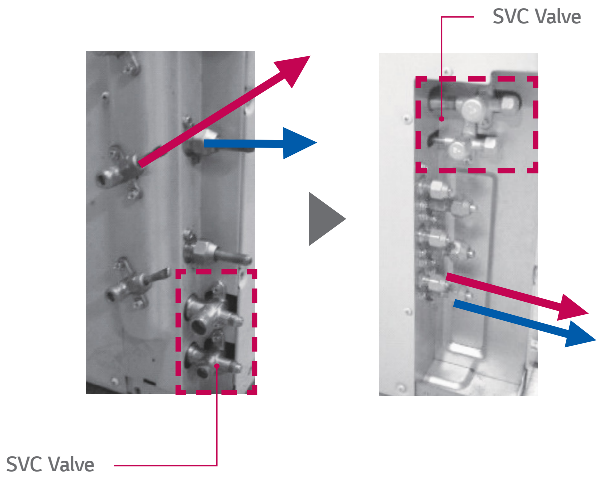
Inner Support

The Multi F has a better design so that the piping cover is enclosed and the size reduced by 80mm and 25mm at the side and back respectively. As a result it is possible to install the unit close to a wall. As well as the easily accessible service valve, it is possible to conveniently service the outdoor unit when installed below a window.

Support enclosed inside


153mm
(MU3M**)
LG
INVERTER V
25mm
80mm

Main service valve raised / easy manipulation


SVC Valve
SVC Valve

FLEXIBLE COMBINATION

Long and High Elevation Piping

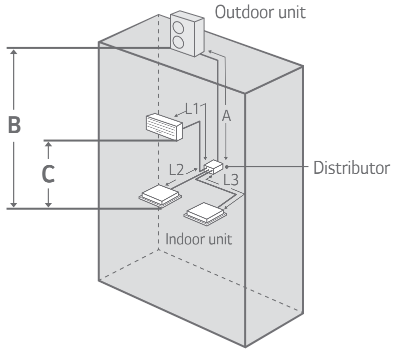
FM56AH supports piping lengths of up to 145m and elevations of up to 30m for more flexible in installations.

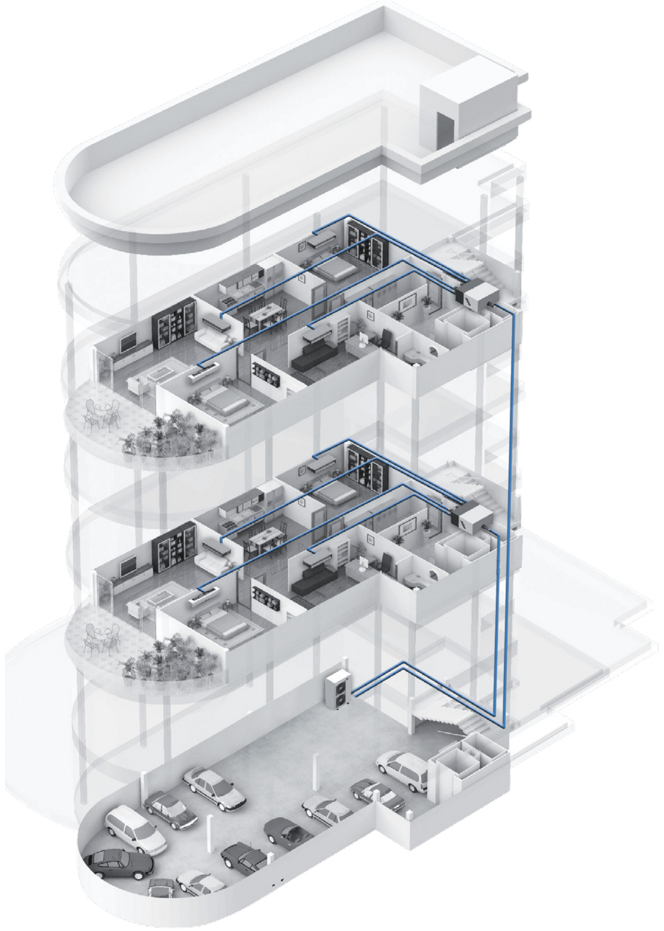
* Multiple Piping Type

(m)		MU2M15 MU2M17	MU3M19 MU3M21	MU4M25 MU4M27	MU5M30	MU5M40
Total Piping Length		30	50	70	75	85
Piping Length per Branch		20	25	25	25	25
Max. Elevation	Indoor-Outdoor	15	15	15	15	15
	Indoor-Indoor	7.5	7.5	7.5	7.5	7.5

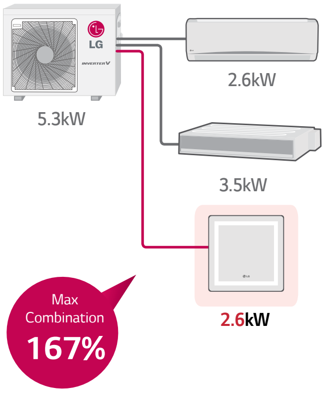
* Distribution Box Type

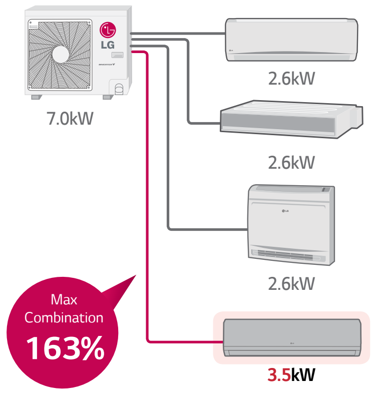
(m)		FM40AH	FM41AH	FM48AH FM49AH	FM56AH FM57AH
Total Pipe (A+L1+L2+L3)		100	125	135	145
Main Pipe (A)		50	55	55	55
Total Branch Pipe (L1+L2+L3)		50	70	80	90
Each Branch Pipe		15	15	15	15
Max.Elevation	Indoor-Outdoor (B)	30	30	30	30
	Indoor-Indoor (C)	15	15	15	15

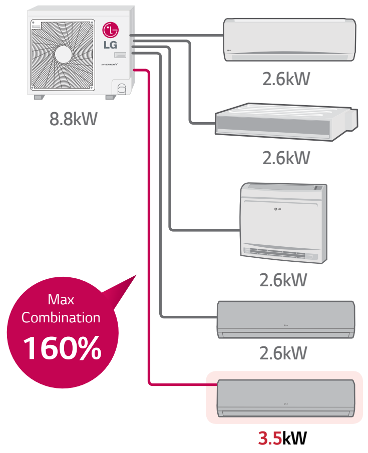

Outdoor unit
B
C
L1
A
L2
L3
Distributor
Indoor unit



Indoor Capacity Combination

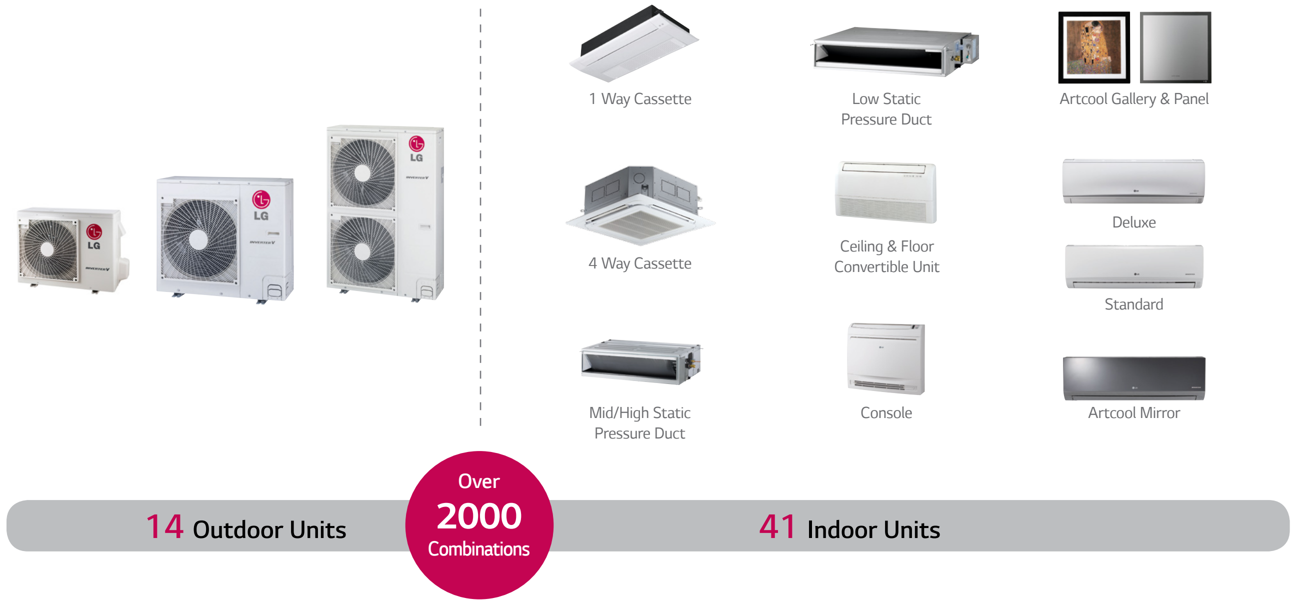

5.3kW
2.6kW
3.5kW
2.6kW
Max
Combination
167%


7.0kW
2.6kW
2.6kW
2.6kW
3.5kW
Max
Combination
163%


8.8kW
2.6kW
2.6kW
2.6kW
2.6kW
3.5kW
Max
Combination
160%

FEATURES OVERVIEW

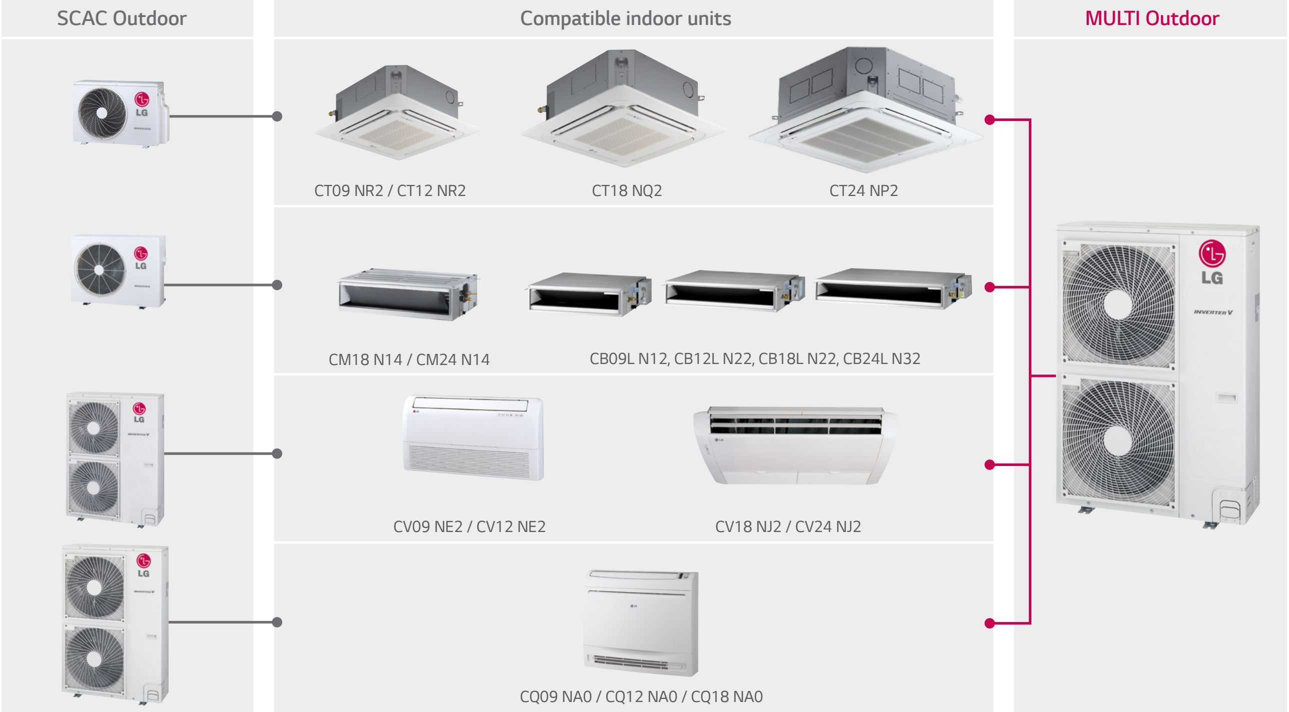
Various Combinations


1 Way Cassette
Low Static Pressure Duct
Artcool Gallery & Panel
4 Way Cassette
Ceiling & Floor Convertible Unit
Deluxe
Standard
Mid/High Static Pressure Duct
Console
Artcool Mirror
14 Outdoor Units
Over 2000 Combinations
41 Indoor Units

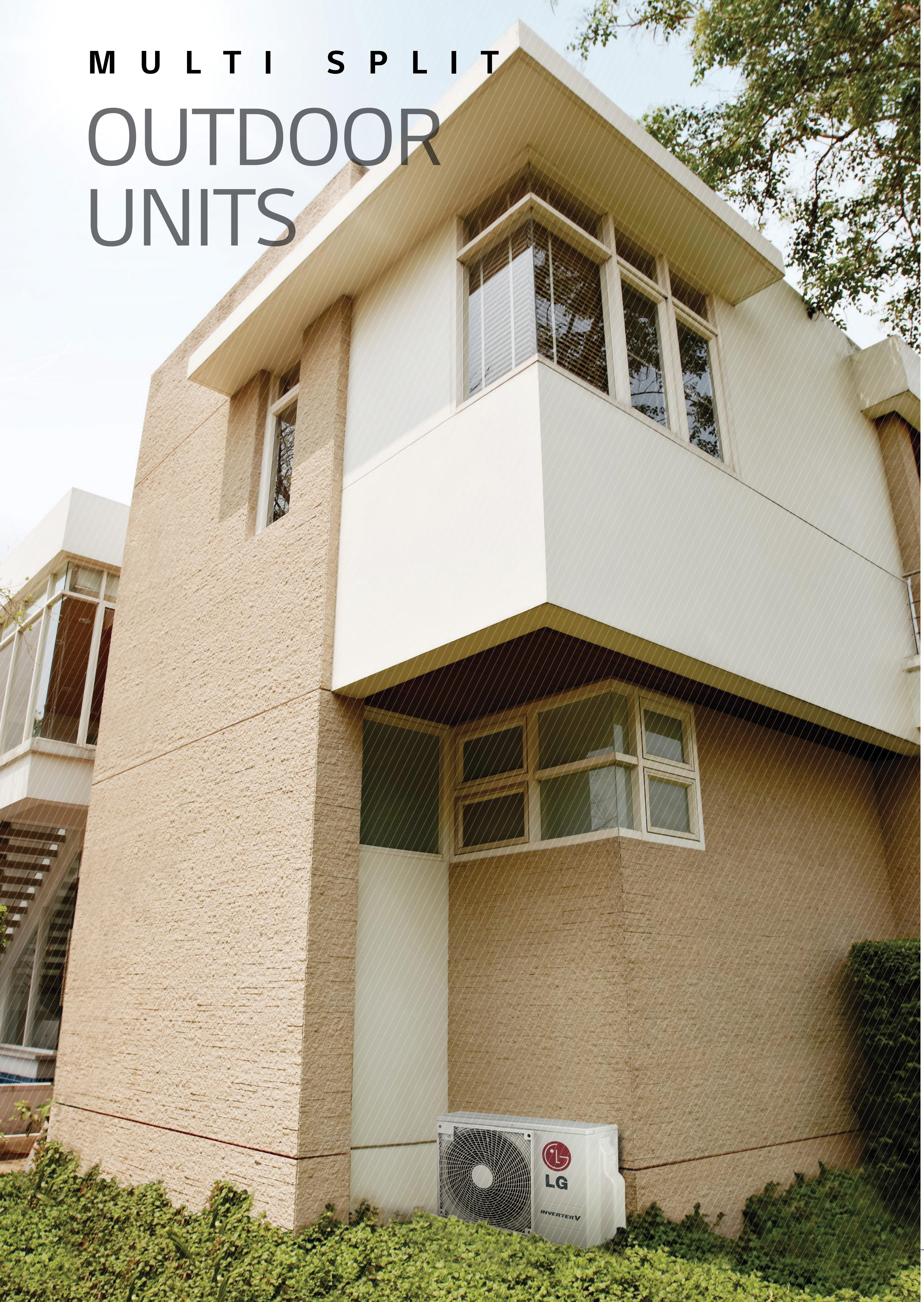
Compatible Indoor Units

A total of 17 indoor units are compatible between SCAC and MULTI, which is more efficient for warehouses and stock control.

- Cassettes : CT09 NR2, CT12 NR2, CT18 NQ2, CT24 NP2
- Ducts : CM18 N14 / CM24 N14, CB09L N12, CB12L N22, CB18L N22, CB24L N32
- Ceiling & Floor / Ceiling Suspended : CV09 NE2, CV12 NE2, CV18 NJ2, CV24 NJ2
- Console : CQ09 NA0, CQ12 NA0, CQ18 NA0


SCAC Outdoor
Compatible indoor units
MULTI Outdoor
CT09 NR2 / CT12 NR2
CT18 NQ2
CT24 NP2
CM18 N14 / CM24 N14
CB09L N12, CB12L N22, CB18L N22, CB24L N32
CV09 NE2 / CV12 NE2
CV18 NJ2 / CV24 NJ2
CQ09 NA0 / CQ12 NA0 / CQ18 NA0

Category		Multi Piping								DB Box Type			
kBTU		14	16	18	21	24	27	30	40	40	46	48	57
kW		4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7	11.7	13.5	14.1	16.7
Energy Efficiency	BLDC Compressor	●	●	●	●	●	●	●	●	●	●	●	●
	BLDC Fan Motor	●	●	●	●	●	●	●	●	●	●	●	●
	Wide Louver Plus Fin	●	●	●	●	●	●	●	●	●	●	●	●
	Optimised Heat Exchanger Path	●	●	●	●	●	●	●	●	●	●	●	●
Quick Cooling & Heating	Quick Cooling & Heating			●	●	●	●	●	●	●	●	●	●
Operation Range	Wide Operation Range			●	●	●	●	●	●	●	●	●	●
Saving Cost & Energy	***New*** Smart Load Control			●	●	●	●	●	●				
	Peak Current Control	●	●	●	●	●	●	●	●	●	●	●	●
	Standby Mode	●	●	●	●	●	●	●					
	Mode Lock	●	●	●	●	●	●	●	●	●	●	●	●
	Save Energy in Small Spaces	●	●	●	●	●	●	●	●	●	●	●	●
Quiet Operation	Night Silent Operation	●	●	●	●	●	●	●	●	●	●	●	●
	Improved Grille & Fan	●	●	●	●	●	●	●	●	●	●	●	●
Convenience	***New*** Wi-Fi Control	●	●	●	●	●	●	●	●	●	●	●	●
	New Outdoor Dry Contact			●	●								
	Wiring Error Check	●	●	●	●	●	●	●	●	●	●	●	●
	Easy to Access PCB	●	●	●	●								
	Forced Cooling Operation	●	●	●	●	●	●	●	●	●	●	●	●
	LG MV	●	●	●	●	●	●	●	●	●	●	●	●
	Compact Size & Light weight	●	●	●	●	●	●	●	●	●	●	●	●
	Inner Support			●	●	●	●	●	●	●	●	●	●



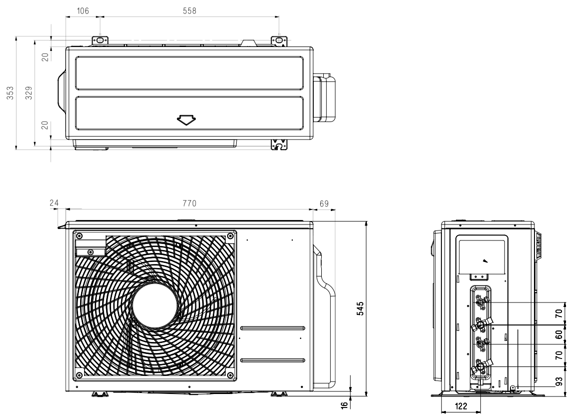
MULTI SPLIT

OUTDOOR UNITS

OUTDOOR UNITS

New MU2M15 / **New** MU2M17

(Unit:mm)



LG
INVERTER V

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

OUTDOOR UNIT				MU2M15 UL3	MU2M17 UL3
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	1.0/4.7/5.0	1.0/5.3/5.7
Low Temperature Capacity	Heating -7°C	Max	kW	3.3	3.7
Power Input *	Cooling	Min/Nom/Max	kW	0.3/1.0/1.5	0.3/1.3/1.6
	Heating	Min/Nom/Max	kW	0.3/1.1/1.4	0.3/1.3/1.7
Running Current	Cooling	Min/Nom/Max	A	1.3/4.6/7.4	1.3/5.8/7.4
	Heating	Min/Nom/Max	A	1.3/4.9/7.5	1.3/5.8/7.5
EER				4.02	3.72
COP				4.34	4.12
SEER				7.2	7.2
SCOP				4.12	4.12
Pdesign (@-10°C)			kW	4.5	4.5
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating		kWh	199/1,529	228/1,529
Airflow Rate		Nom	m³/min	28.2	28.2
Sound Pressure	Cooling	Nom	dBA	49	49
	Heating	Nom	dBA	51	51
Sound Power	Cooling	Max	dBA	62	62
Dimensions	WxHxD		mm	770×545×288	770×545×288
Net Weight			kg	37.0	37.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,400	1,400
	Additional Charge		g/m	20	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~46	-10~46
	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.xmm²	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	15	15
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)×No.	ø 6.35 (1/4)x2	ø 6.35 (1/4)x2
	Gas		mm(inch)×No.	ø 9.52 (3/8)x2	ø 9.52 (3/8)x2

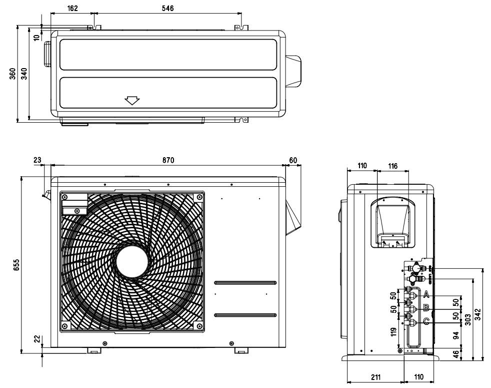
Notes : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

New ***New***

MU3M19 / MU3M21

(Unit:mm)



LG
INVERTER V

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

OUTDOOR UNIT				MU3M19 UE3	MU3M21 UE3
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	1.4/5.3/6.3	1.3/6.2/7.3
	Heating	Min/Nom/Max	kW	1.4/6.3/7.3	1.1/7.0/7.8
Low Temperature Capacity	Heating -7°C	Max	kW	4.4	4.9
Power Input *	Cooling	Min/Nom/Max	kW	0.1/1.3/2.1	0.1/1.6/2.5
	Heating	Min/Nom/Max	kW	0.2/1.5/2.6	0.2/1.7/2.5
Running Current	Cooling	Min/Nom/Max	A	0.6/6.0/9.0	0.6/6.6/10.3
	Heating	Min/Nom/Max	A	0.8/7.0/11.5	0.9/7.4/11.8
EER				4.10	3.90
COP				4.10	4.11
SEER				7.2	6.9
SCOP				4.21	4.21
Pdesign (@-10°C)			kW	5.1	5.3
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating		kWh	258/1,696	314/1,762
Airflow Rate		Nom	m³/min	50	50
Sound Pressure	Cooling	Nom	dBA	50	51
	Heating	Nom	dBA	52	53
Sound Power	Cooling	Max	dBA	64	64
Dimensions	WxHxD		mm	870×655×320	870×655×320
Net Weight			kg	45.0	45.0
Refrigerant	Type			R410A	R410A
	Charge		g	1,700	1,800
	Additional Charge		g/m	20	20
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.xmm²	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	20	20
Piping Length Total			m	52	50
Piping Length per Branch		Max	m	25	25
Piping Elevation Difference	IDU-ODU	Max	m	15	15
	IDU-IDU	Max	m	7.5	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)x2	ø 6.35 (1/4)x2
	Gas		mm(inch)×No.	ø 9.52 (3/8)x2	ø 9.52 (3/8)x2

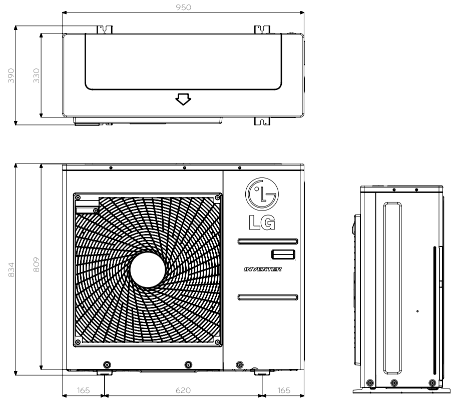
Notes : 1. Capacities are based on the following conditions:
Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB
- Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB
- Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

New ***New*** ***New***

MU4M25 / MU4M27 / MU5M30

(Unit:mm)



LG
INVERTER V

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

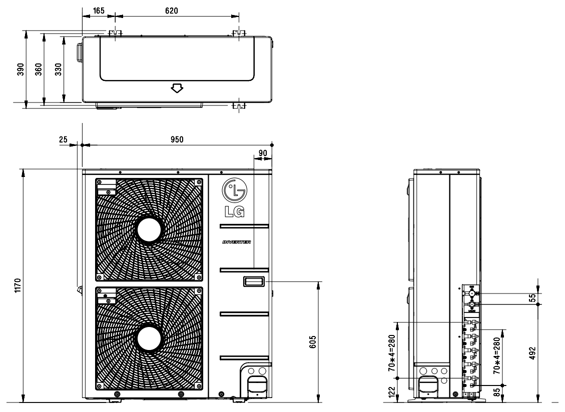
OUTDOOR UNIT				MU4M25 U43	MU4M27 U43	MU5M30 U43
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	4.2/7.0/8.4	4.9/7.9/9.5	5.3/8.8/10.5
	Heating	Min/Nom/Max	kW	5.1/8.4/9.2	5.9/9.1/10.5	6.1/10.1/12.1
Low Temperature Capacity	Heating -7°C	Max	kW	5.9	6.4	7.1
Power Input *	Cooling	Min/Nom/Max	kW	1.0/1.7/2.5	1.2/2.0/3.0	1.3/2.2/3.4
	Heating	Min/Nom/Max	kW	1.1/1.8/2.9	1.2/2.0/3.6	1.3/2.2/3.7
Running Current	Cooling	Min/Nom/Max	A	2.0/7.2/11.1	2.0/8.5/13.2	2.0/9.9/16.2
	Heating	Min/Nom/Max	A	2.2/8.1/12.8	2.2/9.1/15.8	2.2/9.8/16.5
EER				4.21	4.00	4.00
COP				4.69	4.52	4.60
SEER				7.01	7.01	7.1
SCOP				4.01	4.01	4.01
Pdesign (@-10°C)			kW	7.3	7.3	7.4
Seasonal Energy Label	Cooling/Heating			A++/A+	A++/A+	A++/A+
Annual Energy Consumption	Cooling/Heating		kWh	350/2,549	394/2,549	434/2,584
Airflow Rate		Nom	m³/min	60	60	60
Sound Pressure	Cooling	Nom	dBA	51	51	51
	Heating	Nom	dBA	53	53	53
Sound Power	Cooling	Max	dBA	62	63	64
Dimensions	WxHxD		mm	950×834×330	950×834×330	950×834×330
Net Weight			kg	64.0	64.0	64.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	3,200	3,200	3,200
	Additional Charge		g/m	20	20	20
Operation Range (Outdoor)	Cooling	Min~Max	℃ DB	-10~48	-10~48	-10~48
	Heating	Min~Max	℃ 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.xmm²	3C×2.5	3C×2.5	3C×2.5
Transmission Cable			No.xmm²	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker			A	25	25	25
Piping Length Total			m	70	70	75
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)×No.	ø 6.35 (1/4)x4	ø 6.35 (1/4)x4	ø 6.35 (1/4)x5
	Gas		mm(inch)×No.	ø 9.52 (3/8)x4	ø 9.52 (3/8)x4	ø 9.52 (3/8)x5

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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

MU5M40

(Unit:mm)



LG
INVERTER

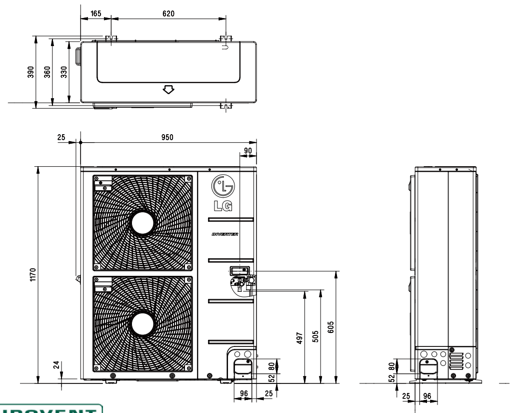
OUTDOOR UNIT				MU5M40 UO2
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	0.9/11.2/13.5
	Heating	Min/Nom/Max	kW	1.0/12.5/15.0
Low Temperature Capacity	Heating -7°C	Max	kW	8.8
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.7/4.2
	Heating	Min/Nom/Max	kW	0.8/2.8/4.5
Running Current	Cooling	Min/Nom/Max	A	3.5/12.1/18.4
	Heating	Min/Nom/Max	A	3.6/12.5/19.7
EER				4.10
COP				4.45
SEER				5.80
SCOP				3.81
Pdesign (@-10°C)			kW	11.8
Seasonal Energy Label	Cooling/Heating			A+/A
Annual Energy Consumption	Cooling/Heating		kWh	676/4,336
Airflow Rate		Nom	m³/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,170×330
Net Weight			kg	84.0
Refrigerant	Type			R410A
	Charge		g	3,800
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	1/220-240/50
Power Supply Cable			No.xmm²	3C×2.5
Transmission Cable			No.xmm²	4C×0.75
Circuit Breaker			A	30
Piping Length Total			m	85
Piping Length per Branch		Max	m	25
Piping Elevation Difference	IDU-ODU	Max	m	15
	IDU-IDU	Max	m	7.5
Piping Connection	Liquid		mm(inch)×No.	ø 6.35 (1/4)x5
	Gas		mm(inch)×No.	ø 9.52 (3/8)x5

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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

FM40AH

(Unit:mm)



LG
INVERTER V

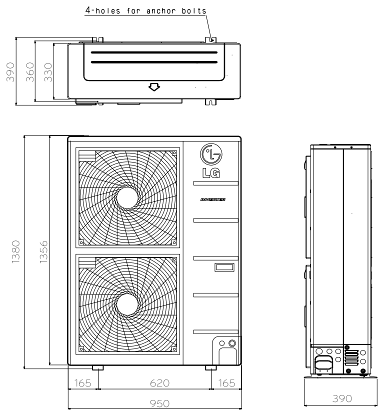
OUTDOOR UNIT				FM40AH UO2
Compressor	Type			Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	2.8/11.2/13.5
	Heating	Min/Nom/Max	kW	3.1/12.5/15.0
Low Temperature Capacity	Heating -7°C	Max	kW	11.0
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.7/4.2
	Heating	Min/Nom/Max	kW	0.8/2.8/4.5
Running Current	Cooling	Min/Nom/Max	A	3.5/12.1/18.4
	Heating	Min/Nom/Max	A	3.6/12.5/19.7
EER				4.10
COP				4.45
SEER				5.60
SCOP				3.81
Pdesign (@-10°C)			kW	11.8
Seasonal Energy Label	Cooling/Heating			A+/A
Annual Energy Consumption	Cooling/Heating		kWh	700/4,336
Airflow Rate		Nom	m³/min	90
Sound Pressure	Cooling	Nom	dBA	53
	Heating	Nom	dBA	55
Sound Power	Cooling	Max	dBA	67
Dimensions	WxHxD		mm	950×1,170×330
Net Weight			kg	82.0
Refrigerant	Type			R410A
	Charge		g	3,800
	Additional Charge		g/m	20
Operation Range (Outdoor)	Cooling	Min~Max	°C DB	-10~48
	Heating	Min~Max	°C WB	-18~18
Power Supply			ø/V/Hz	1/220-240/50
Power Supply Cable			No.xmm²	3C×3.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75
Circuit Breaker			A	30
Piping Length Total	Total Piping(Main+Total Branch)		m	100
	Main Piping		m	50
	Total Branch Piping		m	50
	Each Branch Piping		m	15
Piping Elevation Difference	IDU-ODU	Max	m	30
	IDU-IDU	Max	m	15
Piping Connection	Liquid		mm(inch)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)

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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

FM48AH / FM56AH

(Unit:mm)



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INVERTER V

OUTDOOR UNIT				FM48AH U32	FM56AH U32
Compressor	Type			Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	3.3/14.0/17.0	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 -7°C	Max	kW	14.8	16.1
Power Input *	Cooling	Min/Nom/Max	kW	0.8/3.2/5.1	1.0/3.9/5.9
	Heating	Min/Nom/Max	kW	1.3/3.7/5.2	1.5/4.2/6.2
Running Current	Cooling	Min/Nom/Max	A	3.9/13.2/22.3	4.6/16.1/25.7
	Heating	Min/Nom/Max	A	6.9/15.6/22.7	7.4/16.8/27.2
EER				4.41	4.01
COP				4.37	4.18
SEER				-	-
SCOP				-	-
Pdesign (@-10°C)			kW	-	-
Seasonal Energy Label	Cooling/Heating			-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-
Airflow Rate		Nom	m³/min	120	120
Sound Pressure	Cooling	Nom	dBA	54	54
	Heating	Nom	dBA	56	56
Sound Power	Cooling	Max	dBA	68	69
Dimensions	WxHxD		mm	950×1,380×330	950×1,380×330
Net Weight			kg	96.0	96.0
Refrigerant	Type			R410A	R410A
	Charge		g	4,400	4,400
	Additional Charge		g/m	20	20
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.xmm²	3C×4.0	3C×4.0
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75	4C×0.75
Circuit Breaker			A	40	40
Piping Length Total	Total Piping(Main+Total Branch)		m	135	140
	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 Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)	ø 19.05 (3/4)

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.

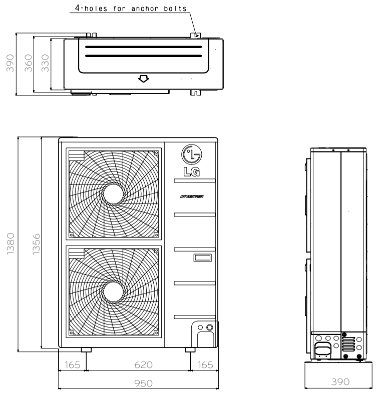
2. * : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected.
5. Minimum combination capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

OUTDOOR UNITS

3Phase

FM41AH / FM49AH / FM57AH

(Unit:mm)



LG
INVERTER V

OUTDOOR UNIT				FM41AH U32	FM49AH U32	FM57AH U32
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity *	Cooling	Min/Nom/Max	kW	2.8/12.1/14.1	3.3/14.0/17.0	4.0/15.5/18.5
	Heating	Min/Nom/Max	kW	3.2/12.5/15.2	3.7/16.0/17.3	4.5/17.4/18.8
Low Temperature Capacity	Heating -7°C	Max	kW	11.1	13.6	15.2
Power Input *	Cooling	Min/Nom/Max	kW	0.8/2.4/3.8	0.8/3.2/5.1	1.0/3.9/5.9
	Heating	Min/Nom/Max	kW	0.9/2.5/4.7	1.3/3.7/5.2	1.5/4.2/6.2
Running Current	Cooling	Min/Nom/Max	A	1.5/3.3/5.7	1.8/4.4/7.3	2.3/5.4/8.4
	Heating	Min/Nom/Max	A	1.7/3.3/6.9	2.1/5.1/7.5	2.5/5.5/9.0
EER				4.68	4.41	4.01
COP				4.92	4.37	4.18
SEER				-	-	-
SCOP				-	-	-
Pdesign (@-10°C)			kW	-	-	-
Seasonal Energy Label	Cooling/Heating			-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	-	-	-
Airflow Rate		Nom	m³/min	120	120	120
Sound Pressure	Cooling	Nom	dBA	53	54	54
	Heating	Nom	dBA	55	56	56
Sound Power	Cooling	Max	dBA	67	68	69
Dimensions	WxHxD		mm	950×1,380×330	950×1,380×330	950×1,380×330
Net Weight			kg	96.0	96.0	96.0
Refrigerant	Type			R410A	R410A	R410A
	Charge		g	4,400	4,400	4,400
	Additional Charge		g/m	20	20	20
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	3/380-415/50	3/380-415/50	3/380-415/50
Power Supply Cable			No.xmm²	5Cx2.5	5C×2.5	5C×2.5
Transmission Cable	ODU-BD		No.xmm²	4Cx1.25	4Cx1.25	4Cx1.25
	BD-IDU		No.xmm²	4C×0.75	4C×0.75	4C×0.75
Circuit Breaker			A	20	20	20
Piping Length Total	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 Connection	Liquid		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 19.05 (3/4)	ø 19.05 (3/4)	ø 19.05 (3/4)

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 capacity rate should be more than 40%.
6. This product contains fluorinated greenhouse gases(R410A)

MULTI SPLIT

INDOOR UNITS

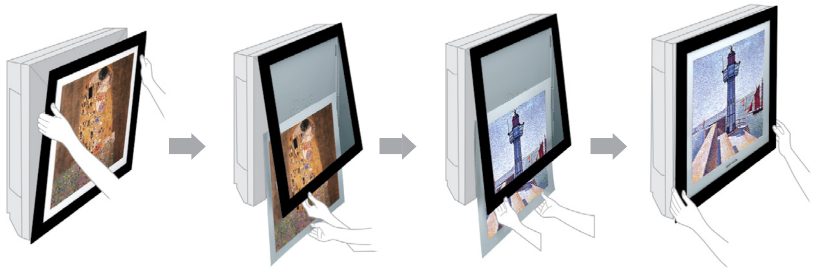
WALL MOUNTED UNIT ARTCOOL (Gallery / Panel / Mirror)

Aesthetic Design

You no longer need to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Gallery, you can change the look of your air conditioner to whatever you want, whenever you want. The ARTCOOL series have outstanding designs and have been awarded the International Forum Design Award, the Reddot Design Award and the G Mark.

Gallery

How to change the picture



Panel

Silver

Gold

Red

White Silver

Mirror

Mirror
MS07/09/12/18/24AWR

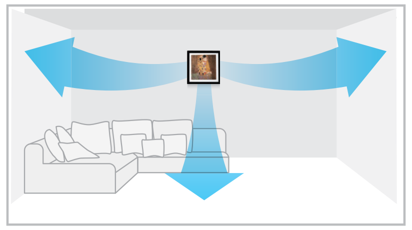
Silver
MS07/09/12/18/24AWV

White
MS07/09/12/18/24AWW

Digital Air Flow Control

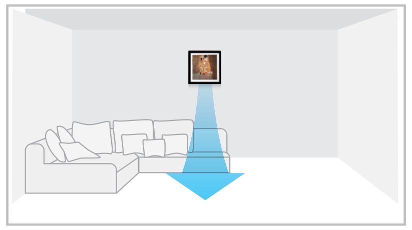
The air flow can be controlled to ensure maximum comfort and convenience.

Normal



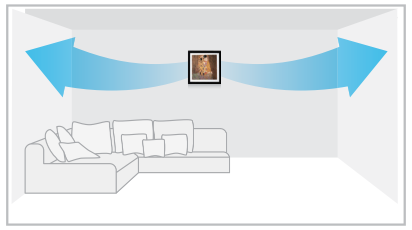
Fast, wide and even

Jet Cool



Speedy and powerful

Sleep Mode



Indirect and discreet

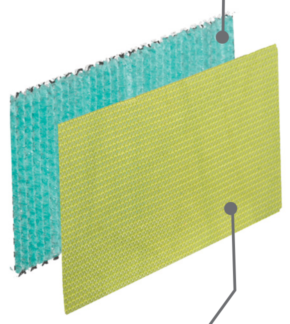
WALL MOUNTED UNIT DELUXE & STANDARD

Filtering (Virus & Allergy Safe Filter)

The virus and allergy safe filters are scientifically proven to deactivate viruses that may pose risks to health.

Virus Deactivation

The LG virus & allergy safe filter blocks neuramidase and hemagglutinin, which is activated when the virus breaks up from host cell to proliferate.

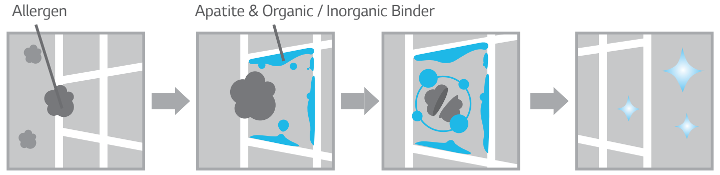


Allergy Filter

Allergy care filter coated with allergy decomposition substance

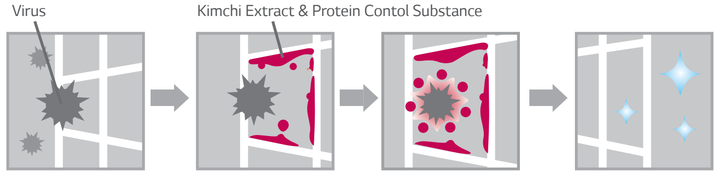
Virus Filter

Sterilising filter with anti-virus coating



Step 1	Step 2	Step 3
Allergen is captured by filter	The apatite and organic / inorganic binder surrounds the allergen	Purified air

Certified by British Allergy Foundation (2009.01)



Step 1	Step 2	Step 3
Virus is captured by filter	Virus membrane is destroyed by agent composed of kimchi extract	Purified air

Certified by Kitasato Institute

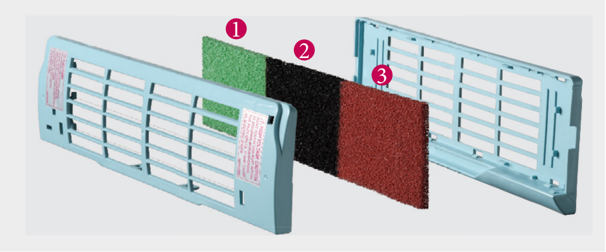
Artcool

Deluxe

Standard (Allergy Safe Filter Only)

Deodorising (Triple Filter)

The triple filter consists of three special filters that can reduce the side effects caused by some organic compounds including formaldehyde. It has the ability to remove unpleasant odours and can create a more comfortable environment.



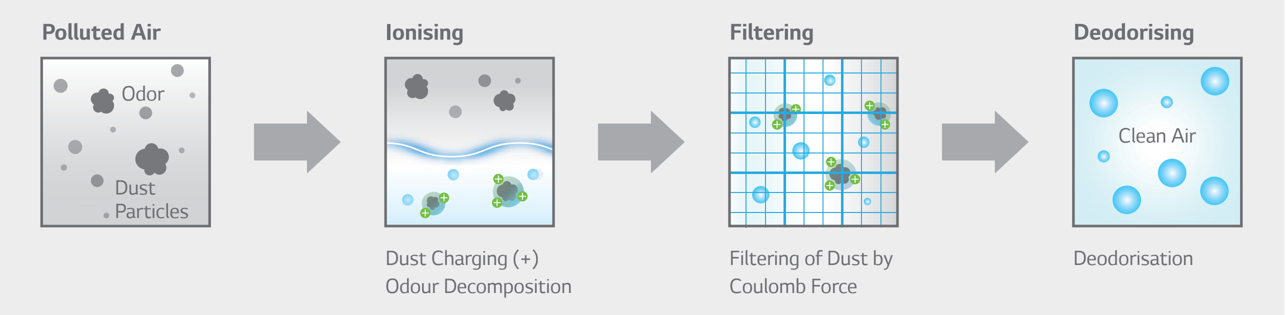
❶ VOC filter removes odour and hazardous VOCs that are discharged from household materials made out of chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Chemical)

❷ Formaldehyde filter removes formaldehyde, a leading cause of sick building syndrome, and can prevent dermatitis, vomiting,and pneumonia

❸ Common odour filter removes ordinary odours that can cause migraines and chronic fatigue syndrome

Eliminating (Plasma Filter)

The plasma air purifying system, first developed by LG, reduces the presence of microscopic contaminants that cause allergies and asthma, such as dust particles, mites and pet fur.



Polluted Air

Ionising

Dust Charging (+)
Odour Decomposition

Filtering

Filtering of Dust by Coulomb Force

Deodorising

Deodorisation

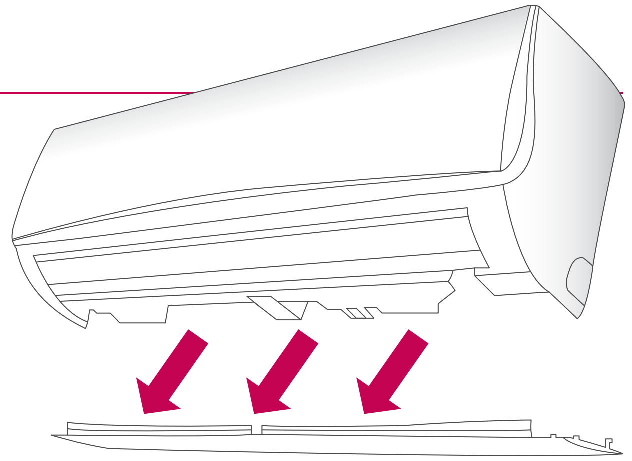
Auto Cleaning

A major cause of air conditioner odours is mould and bacteria that can breed in the heat exchanger. The auto clean function dries the wet heat exchanger to prevent mould and bacteria from breeding which can significantly reduce smells and saves the user from frequent cleaning.

WALL MOUNTED UNIT
DELUXE & STANDARD

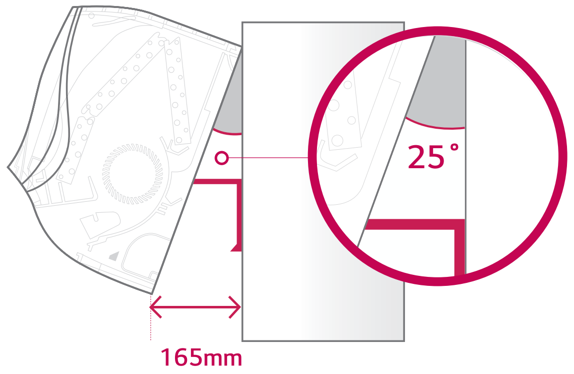
Detachable Bottom Cover

Along with Detachable Bottom Cover, it is unnecessary to disassemble units or additionally support units thanks to the detachable chassis and support. With LG's patented support, the installation can be completed by only one individual.



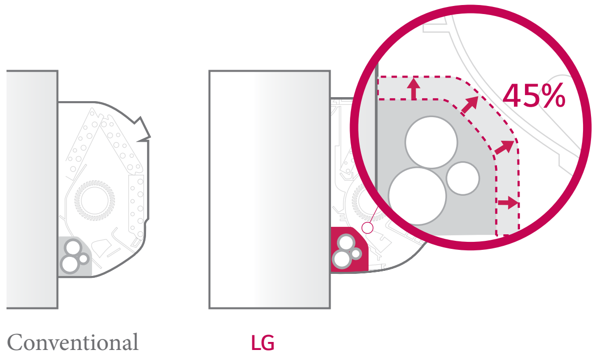
Installation Support Clip

A support clip creates adequate space between the wall and the unit for easier installation.



Wider Tubing Space

The tubing space is up to 45% wider than previous models for easier installation. The tubing space is wider than many products currently on the market.



Various Indoor Units

Capacity (kW)		1.5	2.1	2.6	3.5	4.2	5.3	7.0
Standard		MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS15SQ NB0	MS18SQ NC0	MS24SQ NC0
Deluxe			MS07AQ NB0	MS09AQ NB0	MS12AQ NB0		MS18AQ NC0	MS24AQ NC0
ART COOL Mirror			MS07AW* NB0	MS09AW* NB0	MS12AW* NB0		MS18AW* NC0	MS24AW* NC0
ART COOL Gallery				MA09AH1 NF1	MA12AH1 NF1			
ART COOL Panel				MA09AH* NF1	MA12AH* NF1			

ART COOL Mirror Note : *indicates panel color / Mirror(R), Silver(V), White(W)
ART COOL Panel Note : *indicates panel color / Silver(V), Red(E), Gold(G), White Silver(H)

Specification

INDOOR UNIT				MS05SQ NW0	MS07SQ NW0	MS09SQ NB0	MS12SQ NB0	MS15SQ NB0	MS18SQ NC0	MS24SQ NC0
Capacity	Cooling/Heating	Nom	kW	1.5/1.6	2.1/2.3	2.6/2.9	3.5/3.9	4.2/5.4	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	20	20	40	60
Running Current		Nom	A	0.1	0.1	0.2	0.2	0.2	0.3	0.3
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	8.1/6.9/6.3	8.1/6.9/6.3	7.0/6.5/6.0	9.5/8.0/6.5	10.5/9.0/ 7.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	36/30/27	36/30/27	34/31/27	39/36/31	43/38/34	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	57	57	55	55	55	57	62
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	756×270×190	756×270×190	895×289×215	895×289×215	895×289×215	1,030×325×255	1,030×325×255
Net Weight	Body		kg	7.2	7.2	9.0	9.0	9.0	13.0	13.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

INDOOR UNIT				MS07AQ NB0	MS09AQ NB0	MS12AQ NB0	MS18AQ NC0	MS24AQ NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	40	60
Running Current		Nom	A	0.1	0.2	0.2	0.3	0.3
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	5.6/5.0/4.6	7.0/6.5/6.0	9.5/8.0/6.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	33/30/26	34/31/27	39/36/31	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	55	55	55	57	62
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	895×289×210	895×289×210	895×289×210	1,030×325×250	1,030×325×250
Net Weight	Body		kg	9.5	9.5	9.5	13.8	13.8
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

INDOOR UNIT				MS07AW* NB0	MS09AW* NB0	MS12AW* NB0	MS18AW* NC0	MS24AW* NC0
Capacity	Cooling/Heating	Nom	kW	2.1/2.3	2.6/2.9	3.5/3.9	5.3/5.8	6.7/7.5
Power Input		Nom	W	20	20	20	40	60
Running Current		Nom	A	0.1	0.2	0.2	0.3	0.3
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	5.6/5.0/4.6	7.0/6.5/6.0	9.5/8.0/6.5	16.2/14.2/12.3	20.4/17.0/13.2
Sound Pressure	Cooling	High/Medium/Low	dBA	33/30/26	34/31/27	39/36/31	37/33/28	42/39/36
Sound Power	Cooling	Max	dBA	55	55	55	57	62
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Dimensions	Body	WxHxD	mm	895×289×205	895×289×205	895×289×205	1,030×325×245	1,030×325×245
Net Weight	Body		kg	10.2	10.2	10.2	14.2	14.2
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)

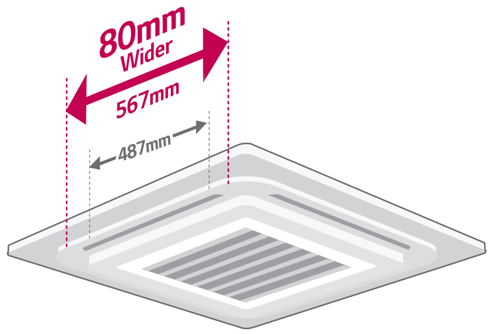
INDOOR UNIT				MA09AH1 NF1	MA12AH1 NF1	MA09AH* NF1	MA12AH* NF1
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	2.6/2.9	3.5/3.9
Power Input		Nom	W	40	40	40	40
Running Current		Nom	A	0.1	0.1	0.1	0.1
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	7.7/5.9/4.4	8.9/7.3/5.6	7.7/5.9/4.4	8.9/7.3/5.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38/32/27	44/38/32	38/32/27	44/38/32
Sound Power	Cooling	Max	dBA	52	54	52	54
Dehumidification Rate			l/h	1.2	1.4	1.2	1.4
Dimensions	Body	WxHxD	mm	600×600×145	600×600×145	600×600×145	600×600×145
Net Weight	Body		kg	15.0	15.0	15.0	15.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)

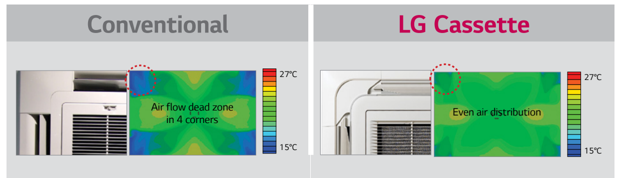
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. This product contains fluorinated greenhouse gases(R410A).

CEILING MOUNTED CASSETTE

Wide Air Flow

Improved vanes reduce the curved area and provide better air and temperature distribution.

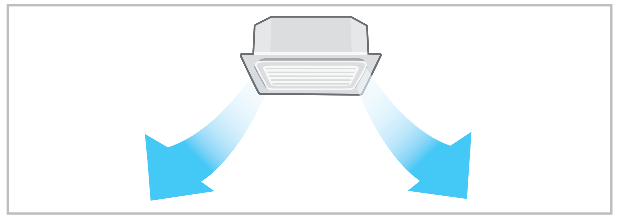




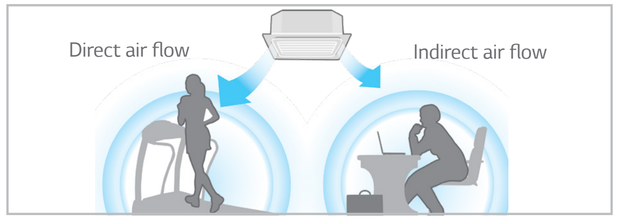
Independent Vane Control

The Independent Vane Operation feature uses separate motors, making it possible to control all four vanes independently.

All vane operation



Independent Vane Control

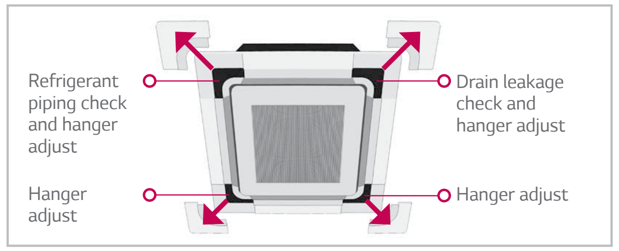


* Wired remote controller PQRCVSL0(QW) applied

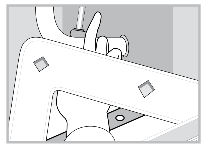
Convenient Panel Installation

The detachable corner design makes it easy to adjust the hanger during installation and to check for leakages in the drain connection pipe.

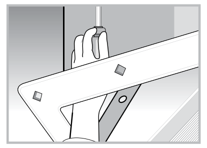
Detachable Corner Design


Refrigerant piping check and hanger adjust
Hanger adjust
Drain leakage check and hanger adjust
Hanger adjust

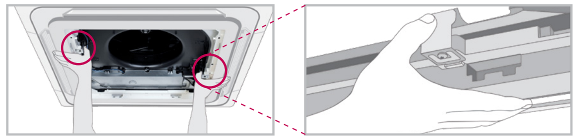
Drain leakage check



Hanger adjust

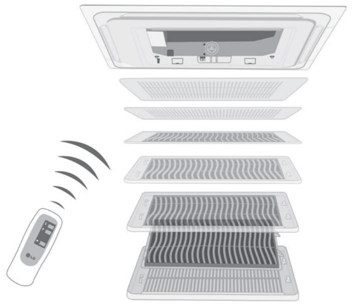


It is easy to install the panel to the body, using the button type panel design.

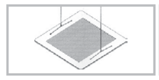


Auto Elevation Grille

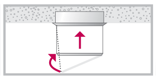
Easy filter cleaning with elevation grill.



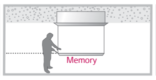
4-Point support structure



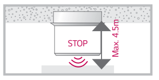
Auto Leveling



Memory for user's level



Auto Stop Detection



* Operating with wired remote controller PQRCVSL0(QW) and wireless remote controller included in PTEGM0.
* Except CT09 NR2 / CT12 NR2 / CT18 NQ2
* Applied to cassette panel PT-UMC1

Various indoor units

Capacity (kW)		1.5	2.1	2.6	3.5	5.3	7.0
1 Way Cassette				MT09AH NU1	MT11AH NU1		
4 Way Cassette		MT06AH NR0	MT08AH NR0	CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2

Specification

INDOOR UNIT				MT09AH NU1	MT11AH NU1	MT06AH NR0	MT08AH NR0
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	1.5/1.6	2.1/2.3
Power Input		Min/Nom/Max	W	-/20/-	-/20/-	10/20/20	10/20/20
Running Current		Nom	A	0.2	0.2	0.4	0.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	7.5/7.3/6.8	8.1/7.4/7.0	7.5/6.0/5.0	7.5/6.0/5.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36/34/32	37/36/33	31/27/24	31/27/24
Sound Power	Cooling	Max	dBA	54	57	48	48
Dehumidification Rate			l/h	1.1	1.2	0.8	1
Dimensions	Body	WxHxD	mm	860×132×450	860×132×450	570×214×570	570×214×570
Net Weight	Body		kg	13.5	13.5	14.0	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
Decoration Panel	Model			PT-UUC1	PT-UUC1	PT-UQC	PT-UQC
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	1,100×34×500	1,100×34×500	700×22×700	700×22×700
	Weight		kg	4.4	4.4	3.0	3.0

* CT09, CT12, CT18, CT24 can be compatible between SCAC and MULTI.

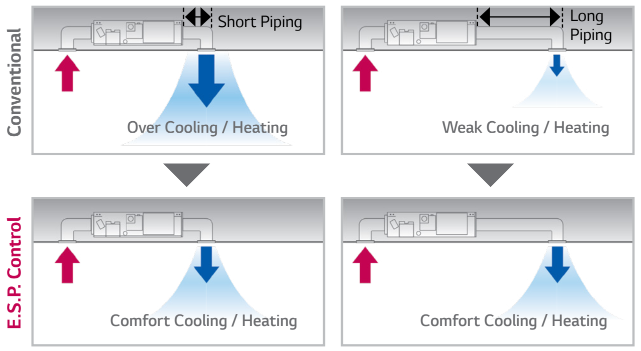
INDOOR UNIT				CT09 NR2	CT12 NR2	CT18 NQ2	CT24 NP2
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	5.3 /5.8	6.7/7.5
Power Input		Min/Nom/Max	W	10/20/20	10/20/20	10/30/40	20/50/60
Running Current		Nom	A	0.4	0.4	0.4	0.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	8.5/7.0/6.0	9.5/8.0/7.0	13.0/12.0/11.0	17.0/15.0/13.0
Sound Pressure	Cooling	High/Medium/Low	dBA	36/33/30	38/35/32	41/39/36	38/36/34
Sound Power	Cooling	Max	dBA	48	51	55	57
Dehumidification Rate			l/h	1.4	1.7	2.1	2.4
Dimensions	Body	WxHxD	mm	570x214x570	570x214x570	570x256x570	840x204x840
Net Weight	Body		kg	14.0	14.0	15.5	20.5
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 12.7 (1/2)
Decoration Panel	Model			PT-UQC	PT-UQC	PT-UQC	PT-UMC1
	Color			Morning Fog	Morning Fog	Morning Fog	Morning Fog
	Dimensions	WxHxD	mm	700x22x700	700x22x700	700x22x700	950x25x950
	Weight		kg	3.0	3.0	3.0	5.0

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. This product contains fluorinated greenhouse gases(R410A).

CEILING CONCEALED DUCT

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

E.S.P. control function can make air volume controlled easily with remote controller. The BLDC motor can control fan speed and air volume regardless of the external static pressure.
No additional accessories are necessary to control air flow.

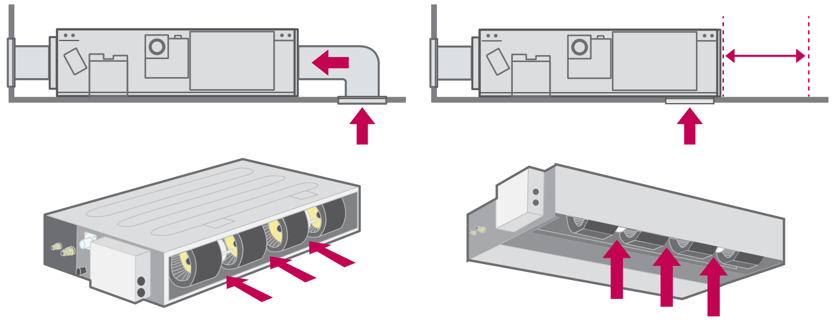


Flexible Installation (Low Static Pressure Only)

Low static duct allows the air intake at the rear or bottom under installation condition.

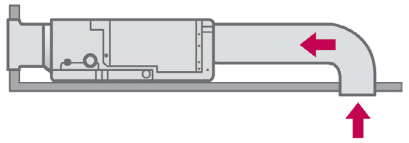
Low Static Pressure

Air intake at the rear or bottom



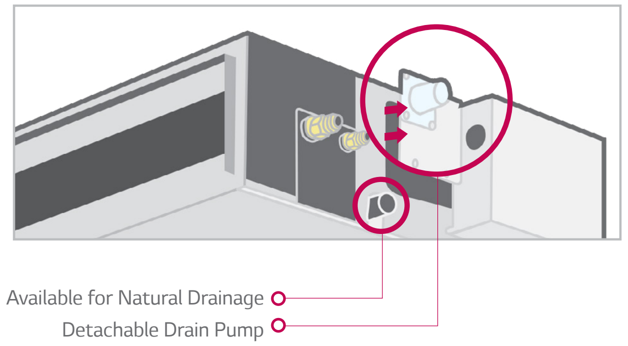
Conventional

Air intake at the only rear



Easy Servicing and Maintenance (Low Static Duct Only)

The drain pump is installed on the surface of the product, which is detachable. Users can detach the drain pump for more convenient servicing and natural drainage.



Various Indoor Units

Capacity (kW)		2.6	3.5	5.3	7.0
Ceiling Concealed Duct		CB09L N12	CB12L N22	CB18L N22	CB24L N32
				CM18 N14	CM24 N14

Specification

* CB09L, CB12L, CB18L, CB24L can be compatible between SCAC and MULTI

INDOOR UNIT				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9	5.3/5.8	7.0/7.7
Power Input		Min/Max (ESP 2.5mmAq)	W	30/50	80/95	95/120	90/150
		Min/Max (ESP 5.0mmAq)		40/60	80/100	100/140	110/160
Running Current		Nom	A	0.4	0.8	0.8	1.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	9.0/7.0/5.5	10.0/8.5/7.0	15.0/12.5/10.0	20.0/16.0/12.0
Sound Pressure	Cooling	High/Medium/Low	dBA	30/26/23	31/28/27	36/34/31	39/35/32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	WxHxD	mm	700x190x700	900x190x700	900x190x700	1,100x190x700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 9.52 (3/8)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 12.7 (1/2)	ø 15.88 (5/8)
External Static Pressure		Min~Max	mmAq(Pa)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)	0~5 (0~49)

* CM18, CM24 can be compatible between SCAC and MULTI.

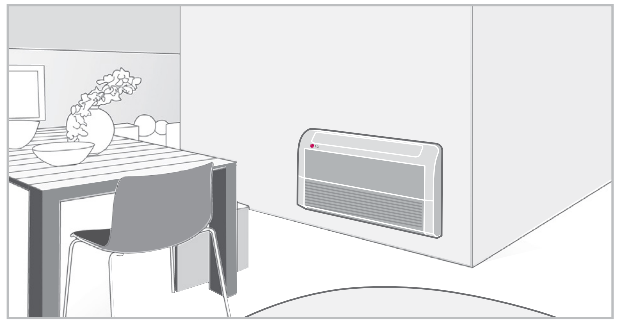
INDOOR UNIT				CM18 N14	CM24 N14
Capacity	Cooling/Heating	Nom	kW	5.3/5.8	7.0/7.7
Power Input		Min/Max (ESP 2.5mmAq)	W	50/80	50/90
		Min/Max (ESP 5.0mmAq)		90/160	100/180
Running Current		Nom	A	0.9	1.0
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	16.5/14.5/13.0	18.0/16.5/14.5
Sound Pressure	Cooling	High/Medium/Low	dBA	34/32/30	35/34/32
Sound Power	Cooling	Max	dBA	59	60
Dehumidification Rate			l/h	2.0	2.5
Dimensions	Body	WxHxD	mm	900x270x700	900x270x700
Net Weight	Body		kg	23.8	24.2
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 12.7 (1/2)
External Static Pressure		Min~Max	mmAq(Pa)	2.5~15(25~147)	2.5~15(25~147)

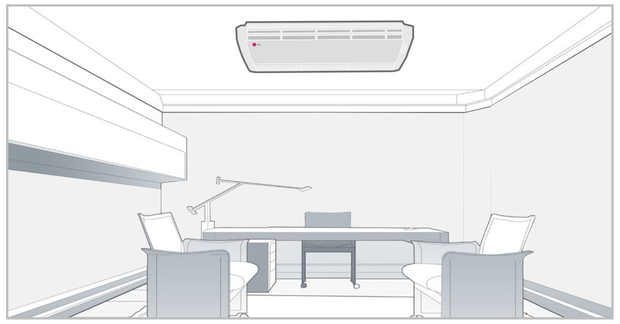
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. This product contains fluorinated greenhouse gases(R410A).

CEILING & FLOOR CONVERTIBLE UNIT
CEILING SUSPENDED UNIT

Flexible Installation

The ceiling and floor models can be installed either on the ceiling or on the floor.
This saves space when installed in the shops or offices.



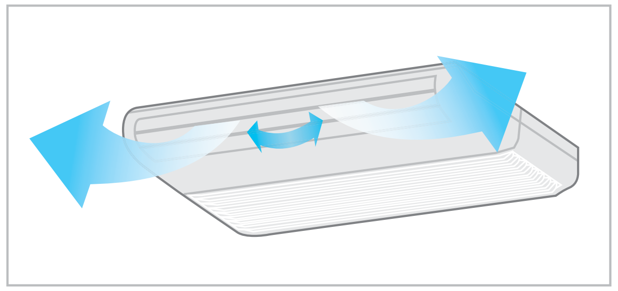


* Ceiling & Floor : CV09 NE2 / CV12 NE2

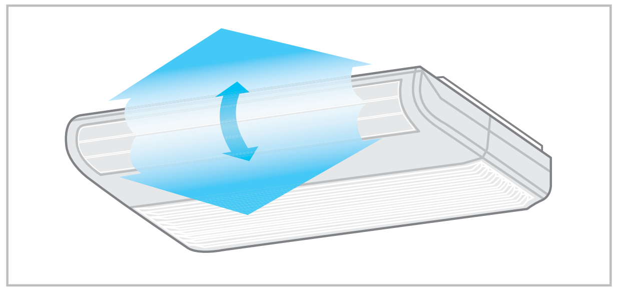
Airflow Direction Control

Vertical airflow direction can be adjusted using remote controller, and horizontal airflow direction can be adjusted manually.

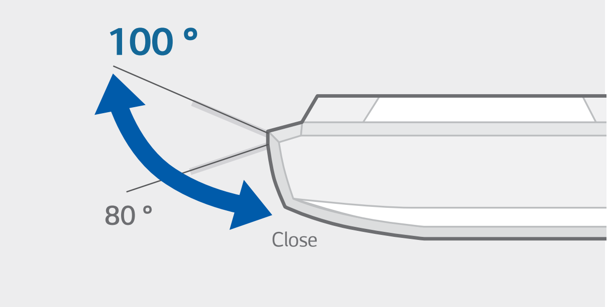
Horizontal



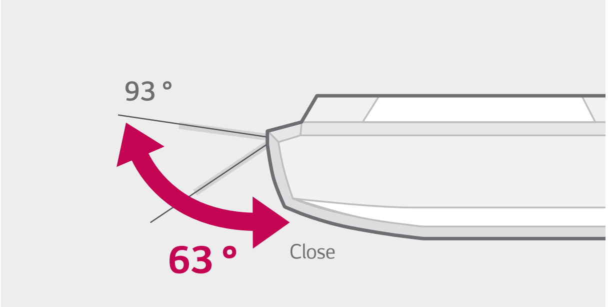
Vertical



Cooling



Heating



Various Indoor Units

Capacity (kW)		2.6	3.5	5.3	7.0
Ceiling & Floor Convertible unit		CV09 NE2	CV12 NE2		
Ceiling Suspended unit				CV18 NJ2	CV24 NJ2

Specification

* CV09, CV12, CV18, CV24 can be compatible between SCAC and MULTI.

INDOOR UNIT				CV09 NE2	CV12 NE2
Capacity	Cooling/Heating	Nom	kW	2.6/2.9	3.5/3.9
Power Input		Min/Max	W	10/30	20/40
Running Current		Nom	A	0.4	0.4
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	7.6/6.9/6.2	9.2/7.6/6.6
Sound Pressure	Cooling	High/Medium/Low	dBA	38/35/32	40/36/31
Sound Power	Cooling	Max	dBA	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	WxHxD	mm	900×200×490	900×200×490
Net Weight	Body		kg	13.7	13.7
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 9.52 (3/8)

INDOOR UNIT				CV18 NJ2	CV24 NJ2
Capacity	Cooling/Heating	Nom	kW	5.3/5.8	7.0/7.7
Power Input		Min/Max	W	30/50	40/60
Running Current		Nom	A	0.4	0.6
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	12.4/11.4/10.4	13.9/12.9/11.9
Sound Pressure	Cooling	High/Medium/Low	dBA	42/40/39	44/43/41
Sound Power	Cooling	Max	dBA	57	61
Dehumidification Rate			l/h	2.3	3.2
Dimensions	Body	WxHxD	mm	950×220×650	950×220×650
Net Weight	Body		kg	22.0	23.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 12.7 (1/2)	ø 12.7 (1/2)

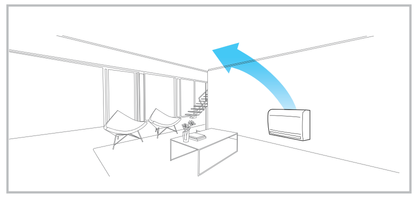
Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. This product contains fluorinated greenhouse gases(R410A).

CONSOLE

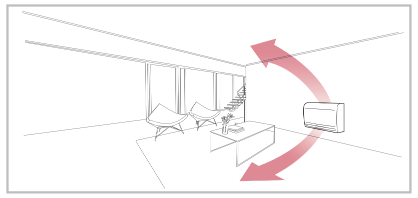
Optimised Air Flow for Cooling & Heating

During the cooling operation, the vane adjusts upwards to direct the air flow towards the ceiling.
When heating, the vane directs the warm air downwards to balance the room temperature especially for floor.

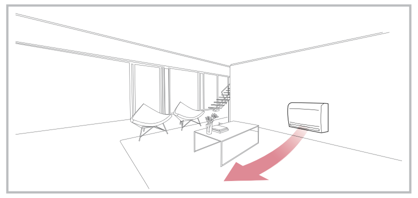
Cooling



Heating (Normal)

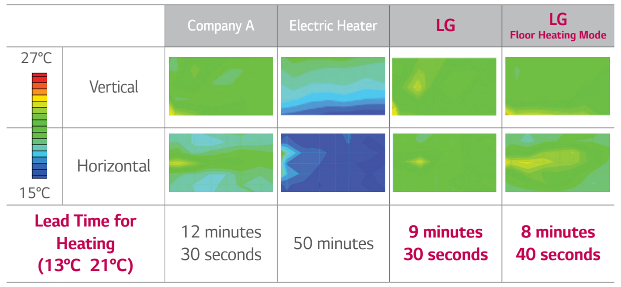


Heating (Floor Heating Mode)



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.

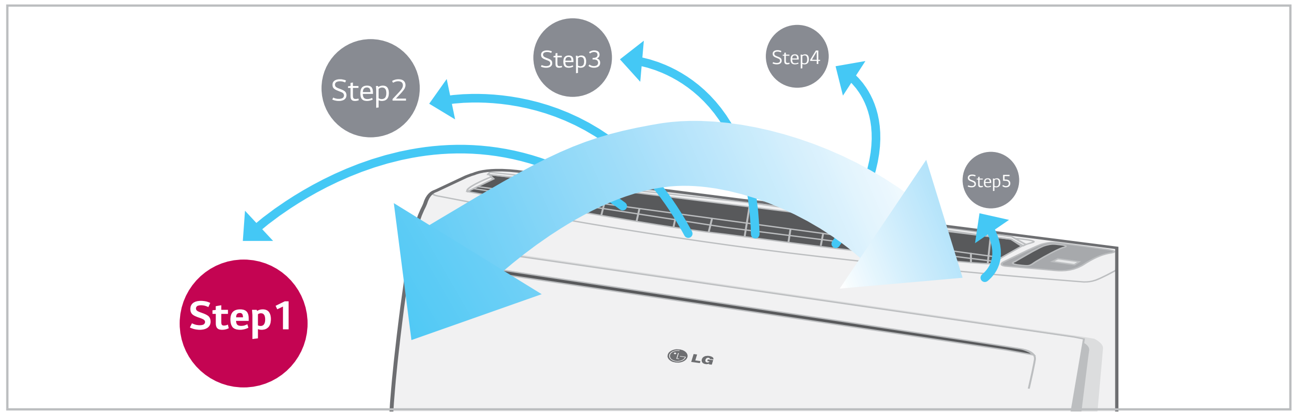


27°C – 15°C		Company A	Electric Heater	**LG**	**LG** **Floor Heating Mode**
	Vertical	🟩	🟦	🟩	🟩
	Horizontal	🟩	🟦	🟩	🟩
Lead Time for Heating (13°C 21°C)		12 minutes 30 seconds	50 minutes	**9 minutes 30 seconds**	**8 minutes 40 seconds**

(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 air flow direction.



Various Indoor Units

Capacity (kW)		2.6	3.5	5.3
Console		CQ09 NA0	CQ12 NA0	CQ18 NA0

Specification

* CQ09, CQ12, CQ18 can be compatible between SCAC and MULTI.

INDOOR UNIT				CQ09 NA0
Capacity	Cooling/Heating	Nom	kW	2.6/2.9
Power Input		Min/Max	W	10/20
Running Current		Nom	A	0.6
Power Supply			ø/V/Hz	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	8.5/6.7/5.0
Sound Pressure	Cooling	High/Medium/Low	dBA	38/32/27
Sound Power	Cooling	Max	dBA	53
Dehumidification Rate			l/h	1.2
Dimensions	Body	WxHxD	mm	700×600×210
Net Weight	Body		kg	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)

INDOOR UNIT				CQ12 NA0	CQ18 NA0
Capacity	Cooling/Heating	Nom	kW	3.5/3.9	5.3/5.8
Power Input		Min/Max	W	10/30	20/40
Running Current		Nom	A	0.6	0.7
Power Supply			ø/V/Hz	1/220-240/50	1/220-240/50
Air Flow Rate		High/Medium/Low	m³/min	9.0/6.9/5.2	10.1/8.6/7.2
Sound Pressure	Cooling	High/Medium/Low	dBA	39/32/27	44/39/35
Sound Power	Cooling	Max	dBA	56	60
Dehumidification Rate			l/h	1.4	2.3
Dimensions	Body	WxHxD	mm	700×600×210	700×600×210
Net Weight	Body		kg	14.0	14.0
Piping Connection	Liquid		mm(inch)	ø 6.35 (1/4)	ø 6.35 (1/4)
	Gas		mm(inch)	ø 9.52 (3/8)	ø 12.7 (1/2)

Note : 1. Due to our policy of innovation some specifications may be changed without notification.
2. This product contains fluorinated greenhouse gases(R410A).

MULTI SPLIT

ACCESSORIES

ACCESSORIES

Wi-Fi Controller

New

LG-IR-WF-1

Models Applied

- Connectable with the indoor unit having IR receiver
- Control and monitor
  : On/Off Mode, Set Temp, Room Temp, Fan Speed
- Power supply includes EU-UK-US-AU heads
- Easy to install : Wall or desktop mounted
- Attractive design
- On/Off status and mode indicated by LED light
- Automatic firmware Updates *

* Internet access is necessary

Model Name	LG-IR-WF-1
Start/Stop Operation	●
Operation Mode	Cool / Heat / Auto / Fan / Dry
Set Point	●
Ambient Temperature	●
Fan Speed	●

Specifications

Model Name	LG-IR-WF-1
Enclosure	ABS (V-O, 5VB) 2,1 mm thickness PC (V-2) 1mm thickness
Dimensions (mm)	81 × 78 × 28
Weight (g)	76
Colour	White
Power Supply	5VDC 0,2 A NEC Class 2 or Limited Power Source (LPS) and SELV Rated Power supply
Mounting	Wall
LED Indicators	1 × Device status
Operating Temperature	From 0°C to 40°C
Operating Humidity	<93% HR, no Condensation
Stock Humidity	<93% HR, no Condensation
RoHS Conformity	Compliant with RoHS Directive (2002/95/CE).
Certifications	Compliant with RoHS Directive (2002/95/CE) CE Conformity to EMC Directive (2004/108/EC) and Low-voltage Directive (2006/95/EC) EN 60950-1 EN 301489-1 v1.8.1 EN 300328

ACCESSORIES

Distributor Box

PMBD3620, PMBD3630, PMBD3640

Easy installation using the range of Distributor Boxes.

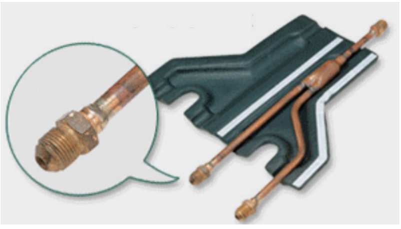
For	2 Indoors	3 Indoors	4 Indoors
Distributor	 PMBD3620	 PMBD3630	 PMBD3640

Various distributors can make much easier installation for any sites

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

			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	1/200~240/50	1/200~240/50
Power Consumption		W	10	10	10
Runing Current		A	0.05	0.05	0.05
Dimensions	WxHxD	mm(inch)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)	302×143×252(11.9×5.6×9.9)
Net Weight		kg/lb	4.8/10.6	4.9/10.8	5/11
Piping Connection (To Outdoor Unit)	Liquid	mm(inch)	ø 9.52(3/8)	ø 9.52(3/8)	ø 9.52(3/8)
	Gas	mm(inch)	ø 19.05(3/4)	ø 19.05(3/4)	ø 19.05(3/4)
Piping Connection (To Indoor Unit)	Liquid	mm(inch)	ø 6.35(1/4)×2EA	ø 6.35(1/4)×3EA	ø 6.35(1/4)×4EA
	Gas	mm(inch)	ø 9.52(3/8)×2EA	ø 9.52(3/8)×3EA	ø 9.52(3/8)×4EA
Accessories	Hanger (Bracket)	EA	4	4	4
	Screw	EA	8	8	8
	Manual	EA	1	1	1

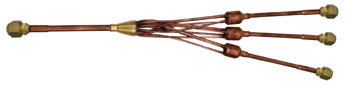
Note :

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.

Note : Due to our policy of innovation some specifications may be changed without notification.

Y Branch and Branch Kit

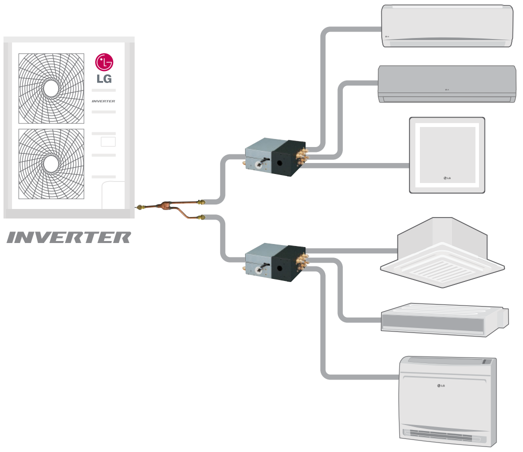
PMBL5620 (2units) / PMBL1203F0 (3units)

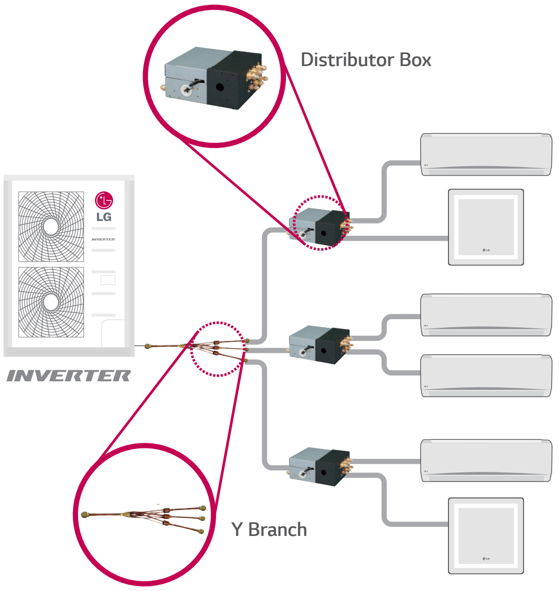


Features

- 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.

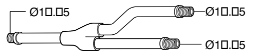
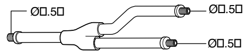
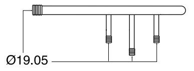
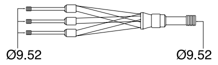
Application





Accessory Model Name

(Unit : mm)

Model Name	No. of Branch distribution units	Applicable Model	Specification	
			Gas	Liquid
PMBL5620	2 units	1ø, 3ø	 Ø1□.□5 Ø1□.□5 Ø1□.□5	 Ø□.5□ Ø□.5□ Ø□.5□
PMBL1203F0	3 units	1ø, 3ø	 Ø19.05	 Ø9.52 Ø9.52

COMBINATION TABLE

MU2M15 UL3

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	6,000	1.8	290	480	600
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,400	2.5	320	520	620
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,800	3.2	400	660	850
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	530	880	1,220
2Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	480	800	1,090
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	530	880	1,220
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	18,400	5.4	770	1,260	1,630

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB

3 .The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,000	1.8	290	480	600
	7	-	7	2.5	-	5,100	1.5	8,400	2.5	9,200	2.7	340	560	710
	9	-	9	3.2	-	6,500	1.9	10,800	3.2	11,800	3.5	420	700	890
	12	-	12	3.9	-	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,120
2Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	450	740	940
	5	7	12	1.6	2.3	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,090
	5	9	14	1.7	3.0	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	9	16	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	5	12	17	1.6	3.7	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	9	9	18	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	7	12	19	1.9	3.3	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660
	9	12	21	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	780	1,280	1,660

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB

3 .The total ability of connected a indoor unit is up to 21k Btu/h 4. At least two indoor units should be connected.

COMBINATION TABLE

MU2M17 UL3

Operation	Combination (kBtu/h)			Cooling										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.5	-	3,000	0.9	5,000	1.5	6,000	1.8	290	480	600
	7	-	7	2.1	-	4,200	1.2	7,000	2.1	8,400	2.5	320	520	620
	9	-	9	2.6	-	5,400	1.6	9,000	2.6	10,800	3.2	400	660	850
	12	-	12	3.5	-	7,200	2.1	12,000	3.5	14,400	4.2	530	880	1,220
	15	-	15	4.2	-	8,520	2.5	14,200	4.2	17,040	5.0	663	1,100	1,525
2Unit	5	5	10	1.5	1.5	6,000	1.8	10,000	2.9	11,500	3.4	480	800	1,090
	5	7	12	1.5	2.1	7,200	2.1	12,000	3.5	13,800	4.0	530	880	1,220
	5	9	14	1.5	2.6	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	7	14	2.1	2.1	8,400	2.5	14,000	4.1	16,100	4.7	620	1,020	1,450
	7	9	16	2.1	2.6	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	5	12	17	1.4	3.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	9	18	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	7	12	19	1.7	3.0	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	5	15	20	1.2	3.5	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	12	21	2.0	2.7	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	7	15	22	1.5	3.2	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	9	15	24	1.8	2.9	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630
	12	12	24	2.3	2.3	9,600	2.8	16,000	4.7	18,400	5.4	760	1,260	1,630

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB

3 .The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

Operation	Combination (kBtu/h)			Heating										
				Each Capacity (kW)		Total Capacity						Total Input (W)		
						Min		Rated		Max				
	UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	5	1.6	-	3,300	1.0	5,500	1.6	6,000	1.8	290	480	600
	7	-	7	2.5	-	5,100	1.5	8,400	2.5	9,200	2.7	340	560	710
	9	-	9	3.2	-	6,500	1.9	10,800	3.2	11,800	3.5	420	700	890
	12	-	12	3.9	-	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,120
	15	-	15	4.2	-	11,152	3.2	18,400	5.4	20,212	5.8	689	1,140	1,485
2Unit	5	5	10	1.6	1.6	6,600	1.9	11,000	3.2	12,100	3.5	450	740	940
	5	7	12	1.6	2.3	8,000	2.3	13,200	3.9	14,500	4.2	520	860	1,090
	5	9	14	1.7	3.0	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	7	14	2.3	2.3	9,600	2.8	16,000	4.7	17,200	5.0	650	1,080	1,390
	7	9	16	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	5	12	17	1.6	3.7	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	9	18	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	7	12	19	1.9	3.3	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	5	15	20	1.3	4.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	12	21	2.3	3.0	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	7	15	22	1.7	3.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	9	15	24	2.0	3.3	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660
	12	12	24	2.6	2.6	10,800	3.2	18,000	5.3	19,400	5.7	770	1,280	1,660

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°C WB; outdoor temp. 35°C DB 2. Heating Capacity is based on : indoor temp.20°CDB; outdoor temp. 7°CDB, 6°CWB

3 .The total ability of connected a indoor unit is up to 24k Btu/h 4. At least two indoor units should be connected.

COMBINATION TABLE

MU3M19 UE3

Operation	Combination (kBtu/h)				Cooling												
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.5	-	-	4,600	1.3	5,000	1.5	6,000	1.8	140	358	578
	7	-	-	7	2.1	-	-	4,600	1.3	7,000	2.1	8,400	2.5	196	502	809
	9	-	-	9	2.6	-	-	5,400	1.6	9,000	2.6	10,800	3.2	252	645	1,040
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	14,400	4.2	336	860	1,387
	15	-	-	15	4.2	-	-	8,520	2.5	14,200	4.2	17,040	5.0	420	1,075	1,734
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
2Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	12,000	3.5	280	717	1,156
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	14,400	4.2	336	860	1,387
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	16,800	4.9	392	1,003	1,618
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	16,800	4.9	392	1,003	1,618
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	19,200	5.6	448	1,147	1,849
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	20,400	6.0	476	1,218	1,964
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	12	-	19	1.9	3.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	15	-	20	1.3	4.0	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	12	-	21	2.3	3.0	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	15	-	22	1.7	3.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	18	-	23	1.5	5.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	15	-	24	2.0	3.3	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	12	-	24	2.6	2.6	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	18	-	25	1.5	3.8	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	18	-	27	1.8	3.5	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	15	-	27	2.4	2.9	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	12	18	-	30	2.1	3.2	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	15	15	-	30	2.7	2.7	-	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
3Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	420	1,075	1,733
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	476	1,218	1,964
	5	5	9	19	1.4	1.4	2.5	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	7	19	1.4	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	9	21	1.3	1.8	2.3	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	7	21	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	5	12	22	1.2	1.2	2.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	9	23	1.1	2.1	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	9	23	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	12	24	1.1	1.5	2.6	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	5	15	25	1.1	1.1	3.2	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	9	9	25	1.5	1.9	1.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	12	26	1.0	1.8	2.4	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	12	26	1.4	1.4	2.4	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	7	15	27	1.0	1.4	2.9	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	9	9	27	1.8	1.8	1.8	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	9	12	28	1.3	1.7	2.3	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	9	15	29	0.9	1.6	2.7	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	5	12	12	29	0.9	2.2	2.2	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	7	7	15	29	1.3	1.3	2.7	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080
	9	9	12	30	1.6	1.6	2.1	10,800	3.2	18,000	5.3	21,600	6.3	504	1,290	2,080

Note :
1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 30kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

Operation	Combination (kBtu/h)				Heating												
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UINT-A	UINT-B	UINT-C	Total	UINT-A	UINT-B	UINT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.6	-	-	4,800	1.4	5,500	1.6	6,325	1.9	180	425	733
	7	-	-	7	2.5	-	-	4,800	1.4	8,400	2.5	9,660	2.8	252	595	1,027
	9	-	-	9	3.2	-	-	6,480	1.9	10,800	3.2	12,420	3.6	324	765	1,320
	12	-	-	12	4.2	-	-	8,640	2.5	14,400	4.2	16,560	4.9	432	1,020	1,760
	15	-	-	15	5.4	-	-	11,040	3.2	18,400	5.4	21,160	6.3	540	1,275	2,200
	18	-	-	18	6.3	-	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
2Unit	5	5	-	10	1.8	1.8	-	7,200	2.1	12,000	3.5	13,800	4.0	360	850	1,467
	5	7	-	12	1.8	2.5	-	8,640	2.5	14,400	4.2	16,560	4.9	432	1,020	1,760
	5	9	-	14	1.8	3.2	-	10,080	3.0	16,800	4.9	19,320	5.7	504	1,190	2,053
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	19,320	5.7	504	1,190	2,053
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	22,080	6.5	576	1,360	2,347
	5	12	-	17	1.8	4.2	-	12,240	3.6	20,400	6.0	23,460	6.9	612	1,445	2,493
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	12	-	19	2.3	4.0	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	15	-	20	1.6	4.7	-	12,960	3.8	21,600	6.3	24,840	7.2	648	1,530	2,640
	9	12	-	21	3.2	4.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	15	-	22	2.0	4.3	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	18	-	23	1.8	6.3	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	15	-	24	2.4	3.9	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	12	-	24	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	18	-	25	1.8	4.6	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	18	-	27	2.1	4.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	15	-	27	2.8	3.5	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	12	18	-	30	2.5	3.8	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	15	15	-	30	3.2	3.2	-	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
3Unit	5	5	5	15	1.8	1.8	1.8	10,800	3.2	18,000	5.3	20,700	6.1	540	1,275	2,200
	5	5	7	17	1.8	1.8	2.5	12,240	3.6	20,400	6.0	23,460	6.9	612	1,445	2,493
	5	5	9	19	1.7	1.7	3.0	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	7	19	1.7	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	9	21	1.5	2.1	2.7	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	7	21	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	5	12	22	1.4	1.4	3.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	9	23	1.4	2.5	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	9	23	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	12	24	1.3	1.8	3.2	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	5	15	25	1.3	1.3	3.8	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	9	9	25	1.8	2.3	2.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	12	26	1.2	2.2	2.9	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	12	26	1.7	1.7	2.9	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	7	15	27	1.2	1.6	3.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	9	9	27	2.1	2.1	2.1	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	9	12	28	1.6	2.0	2.7	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	9	15	29	1.1	2.0	3.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	5	12	12	29	1.1	2.6	2.6	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	7	7	15	29	1.5	1.5	3.3	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640
	9	9	12	30	1.9	1.9	2.5	12,960	3.8	21,600	6.3	24,840	7.3	648	1,530	2,640

Note :
1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 30kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU3M21 UE3

Operation	Combination (kBtu/h)				Cooling											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.5	-	-	4,800	1.4	5,000	1.5	5,500	1.6	140	376	562
	7	-	-	7	2.1	-	-	6,300	1.8	7,000	2.1	7,700	2.3	140	527	787
	9	-	-	9	2.6	-	-	6,300	1.8	9,000	2.6	9,900	2.9	252	677	1,011
	12	-	-	12	3.5	-	-	7,200	2.1	12,000	3.5	13,200	3.9	336	903	1,349
	15	-	-	15	4.2	-	-	8,520	2.5	14,200	4.2	15,620	4.7	420	1,129	1,686
	18	-	-	18	5.3	-	-	10,800	3.2	18,000	5.3	19,800	5.8	504	1,354	2,023
2Unit	5	5	-	10	1.5	1.5	-	6,000	1.8	10,000	2.9	11,000	3.2	280	752	1,124
	5	7	-	12	1.5	2.1	-	7,200	2.1	12,000	3.5	13,200	3.9	336	903	1,349
	5	9	-	14	1.5	2.6	-	8,400	2.5	14,000	4.1	15,400	4.5	392	1,053	1,573
	7	7	-	14	2.1	2.1	-	8,400	2.5	14,000	4.1	15,400	4.5	392	1,053	1,573
	7	9	-	16	2.1	2.6	-	9,600	2.8	16,000	4.7	17,600	5.2	448	1,204	1,798
	5	12	-	17	1.5	3.5	-	10,200	3.0	17,000	5.0	18,700	5.5	476	1,279	1,910
	9	9	-	18	2.6	2.6	-	10,800	3.2	18,000	5.3	19,800	5.8	504	1,354	2,023
	7	12	-	19	2.1	3.5	-	11,400	3.3	19,000	5.6	20,900	6.1	532	1,430	2,135
	5	15	-	20	1.5	4.4	-	12,000	3.5	20,000	5.9	22,000	6.5	560	1,505	2,247
	9	12	-	21	2.6	3.5	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	7	15	-	22	2.0	4.2	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	5	18	-	23	1.5	5.3	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	9	15	-	24	2.3	3.9	-	12,600	3.7	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	12	-	24	3.4	3.4	-	13,800	4.0	21,000	6.2	23,100	6.8	588	1,580	2,360
	7	18	-	25	2.0	5.1	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	9	18	-	27	2.3	4.7	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	15	-	27	2.8	3.4	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	12	18	-	30	2.8	4.2	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	15	15	-	30	3.1	3.1	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
	15	18	-	33	2.8	3.4	-	14,400	4.2	21,000	6.2	23,100	6.8	588	1,580	2,360
3Unit	5	5	5	15	1.5	1.5	1.5	9,000	2.6	15,000	4.4	18,000	5.3	420	1,129	1,686
	5	5	7	17	1.5	1.5	2.1	10,200	3.0	17,000	5.0	20,400	6.0	476	1,279	1,910
	5	5	9	19	1.5	1.5	2.6	11,400	3.3	19,000	5.6	22,800	6.7	532	1,430	2,135
	5	7	7	19	1.5	2.1	2.1	11,400	3.3	19,000	5.6	22,800	6.7	532	1,430	2,135
	5	7	9	21	1.5	2.1	2.6	12,600	3.7	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	7	21	2.1	2.1	2.1	12,600	3.7	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	12	22	1.5	1.5	3.5	13,200	3.9	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	9	23	2.1	2.1	2.6	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	9	23	1.5	2.6	2.6	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	12	24	1.5	2.1	3.5	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	15	25	1.2	1.2	3.7	13,800	4.0	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	9	25	2.0	2.5	2.5	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	12	26	1.4	2.4	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	12	26	1.9	1.9	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	15	27	1.1	1.6	3.4	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	9	27	2.3	2.3	2.3	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	12	28	1.8	2.3	3.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	5	18	28	1.3	1.3	4.5	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	15	29	1.1	1.9	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	12	12	29	1.2	2.9	2.9	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	15	29	1.5	1.5	3.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	7	18	30	1.2	1.6	4.2	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	12	30	2.1	2.1	2.8	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	9	15	31	1.4	1.8	3.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	12	12	31	1.6	2.7	2.7	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	12	15	32	1.0	2.3	2.9	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	5	9	18	32	1.1	2.0	4.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	7	7	18	32	1.5	1.5	4.0	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	9	15	33	1.7	1.7	2.8	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360
	9	12	12	33	1.9	2.6	2.6	14,400	4.2	21,000	6.2	25,000	7.3	588	1,580	2,360

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

Operation	Combination (kBtu/h)				Heating											
					Each Capacity (kW)			Total Capacity						Total Input (W)		
								Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	5	1.6	-	-	5,000	1.5	5,500	1.6	6,050	1.8	210	407	648
	7	-	-	7	2.3	-	-	7,560	2.2	8,000	2.3	8,800	2.6	210	570	907
	9	-	-	9	2.9	-	-	7,560	2.2	10,000	2.9	10,900	3.2	378	733	1,166
	12	-	-	12	3.9	-	-	7,920	2.3	13,200	3.9	14,500	4.2	504	977	1,554
	15	-	-	15	5.4	-	-	11,040	3.2	18,400	5.4	20,212	5.8	630	1,222	1,943
	18	-	-	18	5.8	-	-	11,880	3.5	19,800	5.8	21,800	6.4	756	1,466	2,331
2Unit	5	5	-	10	1.6	1.6	-	6,600	1.9	11,000	3.2	12,100	3.5	420	814	1,295
	5	7	-	12	1.6	2.5	-	8,340	2.4	13,900	4.1	15,290	4.5	504	977	1,554
	5	9	-	14	1.6	2.9	-	9,300	2.7	15,500	4.5	18,500	5.4	588	1,140	1,813
	7	7	-	14	2.5	2.5	-	10,080	3.0	16,800	4.9	18,500	5.4	588	1,140	1,813
	7	9	-	16	2.5	3.2	-	11,520	3.4	19,200	5.6	21,100	6.2	672	1,303	2,072
	5	12	-	17	1.6	3.9	-	11,220	3.3	18,700	5.5	23,700	6.9	714	1,384	2,202
	9	9	-	18	3.2	3.2	-	12,960	3.8	21,600	6.3	23,700	6.9	756	1,466	2,331
	7	12	-	19	2.5	4.2	-	13,680	4.0	22,800	6.7	25,000	7.3	798	1,547	2,461
	5	15	-	20	1.8	5.3	-	14,400	4.2	24,000	7.0	26,316	7.6	882	1,710	2,720
	9	12	-	21	3.2	4.2	-	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	15	-	22	2.2	4.8	-	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	18	-	23	1.6	5.8	-	15,180	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	15	-	24	2.6	4.4	-	15,180	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	12	-	24	3.9	3.9	-	15,840	4.6	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	18	-	25	2.3	5.9	-	16,680	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	15	-	27	3.1	3.9	-	16,680	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	18	-	27	2.8	5.6	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	12	18	-	30	3.4	5.1	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	15	15	-	30	3.5	3.5	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	15	18	-	33	3.2	3.8	-	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
3Unit	5	5	5	15	1.6	1.6	1.6	9,900	2.9	16,500	4.8	18,150	5.3	630	1,221	1,943
	5	5	7	17	1.6	1.6	2.5	11,640	3.4	19,400	5.7	21,340	6.3	714	1,384	2,202
	5	5	9	19	1.6	1.6	2.9	12,600	3.7	21,000	6.2	23,100	6.8	798	1,547	2,461
	5	7	7	19	1.6	2.5	2.3	13,140	3.9	21,900	6.4	24,090	7.1	798	1,547	2,461
	5	7	9	21	1.6	2.5	2.9	14,340	4.2	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	7	21	2.5	2.5	2.5	15,120	4.4	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	12	22	1.6	1.6	3.9	14,520	4.3	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	9	23	2.5	2.5	3.2	16,560	4.9	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	9	23	1.6	2.9	2.9	15,300	4.5	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	12	24	1.8	2.5	4.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	15	25	1.4	1.4	4.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	9	25	2.4	3.0	3.0	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	12	26	1.6	2.9	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	12	26	2.3	2.3	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	15	27	1.3	1.8	3.9	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	9	27	2.8	2.8	2.8	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	12	28	2.1	2.7	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	5	18	28	1.5	1.5	5.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	15	29	1.2	2.2	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	12	12	29	1.5	3.5	3.5	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	15	29	1.7	1.7	3.6	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	7	18	30	1.4	2.0	5.1	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	12	30	2.5	2.5	3.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	9	15	31	1.6	2.0	3.4	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	12	12	31	1.9	3.3	3.3	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	12	15	32	1.1	2.6	3.3	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	5	9	18	32	1.3	2.4	4.7	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	7	7	18	32	1.8	1.8	4.7	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	9	15	33	1.9	1.9	3.2	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720
	9	12	12	33	2.3	3.1	3.1	17,280	5.1	24,000	7.0	26,500	7.8	882	1,710	2,720

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 33kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M25 U43

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	15	4.2	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,000	3.2	396	660	794
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,200	3.9	408	680	843
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	15,400	4.5	492	820	980
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	15,400	4.5	492	820	980
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	17,600	5.2	636	1,060	1,294
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	19,800	5.8	810	1,350	1,676
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	23,100	6.8	1,374	2,290	2,854
	9	15	-	-	24	2.5	4.2	-	-	13,800	4.0	23,000	6.7	23,100	6.8	1,374	2,290	2,854
	12	12	-	-	24	3.4	3.4	-	-	13,800	4.0	23,000	6.7	25,500	7.5	1,374	2,290	2,854
	7	18	-	-	25	2.0	5.1	-	-	14,400	4.2	24,000	7.0	26,500	7.8	1,410	2,350	3,147
	9	18	-	-	27	2.3	4.7	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	12	15	-	-	27	3.1	3.9	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	5	24	-	-	29	1.2	5.8	-	-	14,400	4.2	24,000	7.0	27,500	8.1	1,410	2,350	3,147
	12	18	-	-	30	2.8	4.2	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,410	2,350	3,147
	15	15	-	-	30	3.5	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,410	2,350	3,147
	7	24	-	-	31	1.6	5.4	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	9	24	-	-	33	1.9	5.1	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	15	18	-	-	33	3.2	3.8	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	18	18	-	-	36	3.5	3.5	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
	12	24	-	-	36	2.3	4.7	-	-	14,400	4.2	24,000	7.0	29,000	8.5	1,410	2,350	3,147
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	18,000	5.3	396	660	1,784
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	20,400	6.0	432	720	1,860
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	22,800	6.7	570	950	1,294
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	22,800	6.7	570	950	1,294
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	25,200	7.4	738	1,230	1,588
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	25,200	7.4	738	1,230	1,588
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	26,400	7.7	828	1,380	1,696
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	912	1,520	1,814
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	27,600	8.1	912	1,520	1,814
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	15	-	25	1.4	1.4	4.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	9	-	25	2.0	2.5	2.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	12	-	26	1.4	2.4	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	12	-	26	1.9	1.9	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	15	-	27	1.3	1.8	3.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	9	-	27	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	12	-	28	1.8	2.3	3.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	18	-	28	1.3	1.3	4.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	15	-	29	1.2	2.2	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	12	-	29	1.2	2.9	2.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	15	-	29	1.7	1.7	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	18	-	30	1.2	1.6	4.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	12	-	30	2.1	2.1	2.8	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	15	-	31	1.6	2.0	3.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	12	-	31	1.6	2.7	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	15	-	32	1.1	2.6	3.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	18	-	32	1.1	2.0	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	18	-	32	1.5	1.5	4.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	15	-	33	1.9	1.9	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	12	-	33	1.9	2.6	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	9	18	-	34	1.4	1.9	3.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	15	-	34	1.4	2.5	3.1	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	5	24	-	34	1.0	1.0	5.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	12	18	-	35	1.0	2.4	3.6	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	15	15	-	35	1.0	3.0	3.0	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	7	24	-	36	1.0	1.4	4.7	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	15	-	36	1.8	2.3	2.9	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	12	12	12	-	36	2.3	2.3	2.3	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	9	18	-	36	1.8	1.8	3.5	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	12	18	-	37	1.3	2.3	3.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	15	15	-	37	1.1	2.4	2.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	5	9	24	-	38	0.9	1.7	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	7	7	24	-	38	1.3	1.3	4.4	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	12	18	-	39	1.6	2.2	3.2	-	14,400	4.2	24,000	7.0	28,800	8.4	990	1,650	1,971
	9	15	15	-	39	1.6	2.7	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	956	1,593	1,902
	12	12	15	-	39	2.2	2.2	2.7	-	14,400	4.2	24,000	7.0	28,800	8.4	921	1,535	1,834

COMBINATION TABLE

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
1Unit	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	852	1,420	1,971
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	924	1,540	2,206
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	9	26	1.4	1.4	1.9	2.4	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	7	7	26	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	5	12	27	1.3	1.3	1.3	3.1	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	9	9	28	1.3	1.3	2.3	2.3	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	7	9	28	1.3	1.8	1.8	2.3	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	7	7	7	7	28	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	7	12	29	1.2	1.2	1.7	2.9	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	5	5	15	30	1.2	1.2	1.2	3.5	14,400	4.2	24,000	7.0	28,500	8.4	990	1,670	2,510
	5	7	9	9	30	1.2	1.6	2.1	2.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	9	30	1.6	1.6	1.6	2.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	12	31	1.1	1.1	2.0	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	12	31	1.1	1.6	1.6	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	7	15	32	1.1	1.1	1.5	3.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	9	32	1.5	1.5	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	9	32	1.1	2.0	2.0	2.0	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	5	18	33	1.1	1.1	1.1	3.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	12	33	1.1	1.5	1.9	2.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	12	33	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	15	34	1.0	1.0	1.9	3.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	12	12	34	1.0	1.0	2.5	2.5	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	15	34	1.0	1.4	1.4	3.1	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	9	9	9	34	1.4	1.9	1.9	1.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	7	18	35	1.0	1.0	1.4	3.6	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	12	35	1.0	1.8	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	12	35	1.4	1.4	1.8	2.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	15	36	1.0	1.4	1.8	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	12	12	36	1.0	1.4	2.3	2.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	15	36	1.4	1.4	1.4	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	9	9	9	9	36	1.8	1.8	1.8	1.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	9	18	37	1.0	1.0	1.7	3.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	12	15	37	1.0	1.0	2.3	2.9	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	7	18	37	1.0	1.3	1.3	3.4	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	9	9	12	37	1.3	1.7	1.7	2.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	9	9	15	38	0.9	1.7	1.7	2.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	9	15	38	1.3	1.3	1.7	2.8	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	12	12	38	1.3	1.3	2.2	2.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	5	5	24	39	0.9	0.9	0.9	4.3	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	9	18	39	0.9	1.3	1.6	3.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	5	7	12	15	39	0.9	1.3	2.2	2.7	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	9	9	9	12	39	1.6	1.6	1.6	2.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590
	7	7	7	18	39	1.3	1.3	1.3	3.2	14,400	4.2	24,000	7.0	29,000	8.5	990	1,670	2,590

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M25 U43

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.6	-	-	-	4,950	1.5	5,500	1.6	6,050	1.8	498	830	1,294
	7	-	-	-	7	2.3	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,294
	9	-	-	-	9	2.9	-	-	-	7,560	2.2	10,000	2.9	10,900	3.2	534	890	1,471
	12	-	-	-	12	3.9	-	-	-	7,920	2.3	13,200	3.9	14,500	4.2	582	970	1,676
	15	-	-	-	15	4.2	-	-	-	11,040	3.2	18,400	5.4	20,212	5.8	867	1,445	2,497
	18	-	-	-	18	5.8	-	-	-	11,880	3.5	19,800	5.8	21,800	6.4	1,152	1,920	2,157
	24	-	-	-	24	7.4	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,431
2Unit	5	5	-	-	10	1.6	1.6	-	-	6,600	1.9	11,000	3.2	12,100	3.5	720	1,200	1,265
	5	7	-	-	12	1.6	2.5	-	-	8,340	2.4	13,900	4.1	15,290	4.5	732	1,220	2,301
	5	9	-	-	14	1.6	2.9	-	-	9,300	2.7	15,500	4.5	18,500	5.4	762	1,270	2,167
	7	7	-	-	14	2.5	2.5	-	-	10,080	3.0	16,800	4.9	18,500	5.4	762	1,270	2,507
	7	9	-	-	16	2.5	3.2	-	-	11,520	3.4	19,200	5.6	21,100	6.2	834	1,390	2,167
	5	12	-	-	17	1.6	3.9	-	-	11,220	3.3	18,700	5.5	23,700	6.9	858	1,430	2,735
	9	9	-	-	18	3.2	3.2	-	-	12,960	3.8	21,600	6.3	23,700	6.9	1,104	1,840	2,931
	7	12	-	-	19	2.5	4.2	-	-	13,680	4.0	22,800	6.7	25,000	7.3	1,206	2,010	3,039
	5	15	-	-	20	1.8	5.3	-	-	14,400	4.2	24,000	7.0	26,316	7.7	1,281	2,135	3,228
	9	12	-	-	21	3.2	4.2	-	-	15,120	4.4	25,200	7.4	27,700	8.1	1,356	2,260	3,225
	7	15	-	-	22	2.4	5.1	-	-	15,180	4.4	25,300	7.4	27,810	8.1	1,440	2,400	3,425
	5	18	-	-	23	1.6	5.8	-	-	15,180	4.4	25,300	7.4	27,830	8.2	1,524	2,540	3,255
	9	15	-	-	24	2.9	4.8	-	-	15,840	4.6	26,400	7.7	29,040	8.6	1,608	2,680	3,434
	12	12	-	-	24	3.9	3.9	-	-	15,840	4.6	26,400	7.7	29,040	8.5	1,608	2,680	3,412
	7	18	-	-	25	2.3	5.9	-	-	16,680	4.9	27,800	8.1	30,000	8.8	1,608	2,680	3,412
	9	18	-	-	27	2.8	5.6	-	-	17,280	5.1	28,800	8.4	31,500	9.2	1,608	2,680	3,412
	12	15	-	-	27	3.8	4.7	-	-	17,280	5.1	28,800	8.4	31,500	9.2	1,608	2,680	3,412
	5	24	-	-	29	1.5	7.0	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	12	18	-	-	30	3.4	5.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	15	15	-	-	30	4.2	4.2	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	7	24	-	-	31	1.9	6.5	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	9	24	-	-	33	2.3	6.1	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	15	18	-	-	33	3.8	4.6	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	18	18	-	-	36	4.2	4.2	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
	12	24	-	-	36	2.8	5.6	-	-	17,280	5.1	28,800	8.4	32,000	9.4	1,608	2,680	3,412
3Unit	5	5	5	-	15	1.6	1.6	1.6	-	9,900	2.9	16,500	4.8	18,150	5.3	870	1,450	1,598
	5	5	7	-	17	1.6	1.6	2.5	-	11,640	3.4	19,400	5.7	21,340	6.3	936	1,560	1,951
	5	5	9	-	19	1.6	1.6	2.9	-	12,600	3.7	21,000	6.2	23,100	6.8	966	1,610	2,373
	5	7	7	-	19	1.6	2.5	2.3	-	13,140	3.9	21,900	6.4	24,090	7.1	966	1,610	2,373
	5	7	9	-	21	1.6	2.5	2.9	-	14,340	4.2	23,900	7.0	26,290	7.7	1,026	1,710	2,873
	7	7	7	-	21	2.5	2.5	2.5	-	15,120	4.4	25,200	7.4	27,700	8.1	1,026	1,710	2,873
	5	5	12	-	22	1.6	1.6	3.9	-	14,520	4.3	24,200	7.1	26,620	7.8	1,050	1,750	3,049
	7	7	9	-	23	2.5	2.5	3.2	-	16,560	4.9	27,600	8.1	30,000	8.8	1,122	1,870	3,275
	5	9	9	-	23	1.6	2.9	2.9	-	15,300	4.5	25,500	7.5	28,050	8.2	1,122	1,870	3,275
	5	7	12	-	24	1.8	2.5	4.2	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	5	15	-	25	1.7	1.7	5.1	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	9	9	-	25	2.4	3.0	3.0	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	9	12	-	26	1.6	2.9	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	7	12	-	26	2.3	2.3	3.9	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	5	7	15	-	27	1.6	2.2	4.7	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	9	9	9	-	27	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	31,500	9.2	1,188	1,980	3,647
	7	9	12	-	28	2.1	2.7	3.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	5	18	-	28	1.5	1.5	5.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	15	-	29	1.5	2.6	4.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	12	-	29	1.5	3.5	3.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	15	-	29	2.0	2.0	4.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	7	18	-	30	1.4	2.0	5.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	12	-	30	2.5	2.5	3.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	9	15	-	31	1.9	2.5	4.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	12	-	31	1.9	3.3	3.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	15	-	32	1.3	3.2	4.0	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	18	-	32	1.3	2.4	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	18	-	32	1.8	1.8	4.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	15	-	33	2.3	2.3	3.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	12	-	33	2.3	3.1	3.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	9	18	-	34	1.7	2.2	4.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	15	-	34	1.7	3.0	3.7	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	5	24	-	34	1.2	1.2	6.0	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	12	18	-	35	1.2	2.9	4.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	15	15	-	35	1.2	3.6	3.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	7	24	-	36	1.2	1.6	5.6	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	15	-	36	2.1	2.8	3.5	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	12	12	12	-	36	2.8	2.8	2.8	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	9	18	-	36	2.1	2.1	4.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	12	18	-	37	1.6	2.7	4.1	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	15	15	-	37	1.6	3.4	3.4	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	5	9	24	-	38	1.1	2.0	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	7	7	24	-	38	1.6	1.6	5.3	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	12	18	-	39	1.9	2.6	3.9	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	9	15	15	-	39	1.9	3.2	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647
	12	12	15	-	39	2.6	2.6	3.2	-	17,280	5.1	28,800	8.4	32,000	9.4	1,188	1,980	3,647

COMBINATION TABLE

Operation	Combination (kBtu/h)					Heating												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
1Unit	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	13,200	3.9	22,000	6.4	24,200	7.1	858	1,430	1,873
	5	5	5	7	22	1.5	1.5	1.5	2.1	14,700	4.3	24,500	7.2	26,950	7.9	978	1,630	2,088
	5	5	5	9	24	1.5	1.5	1.5	2.6	15,840	4.6	26,400	7.7	29,040	8.5	1,050	1,750	2,410
	5	5	7	7	24	1.5	1.5	2.1	2.1	15,840	4.6	26,400	7.7	29,040	8.5	1,050	1,750	2,410
	5	5	7	9	26	1.4	1.4	1.9	2.4	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	7	7	7	26	1.4	1.9	1.9	1.9	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	5	12	27	1.3	1.3	1.3	3.1	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	9	9	28	1.3	1.3	2.3	2.3	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	7	7	9	28	1.3	1.8	1.8	2.3	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	7	7	7	7	28	1.8	1.8	1.8	1.8	17,280	5.1	28,800	8.4	31,500	9.2	1,110	1,800	2,910
	5	5	7	12	29	1.2	1.2	1.7	2.9	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	15	30	1.4	1.4	1.4	4.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	9	30	1.2	1.6	2.1	2.1	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	9	30	1.6	1.6	1.6	2.1	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	12	31	1.1	1.1	2.0	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	12	31	1.1	1.6	1.6	2.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	7	15	32	1.3	1.3	1.8	4.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	9	32	1.5	1.5	2.0	2.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	9	32	1.1	2.0	2.0	2.0	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	18	33	1.1	1.1	1.1	3.8	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	12	33	1.1	1.5	1.9	2.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	12	33	1.5	1.5	1.5	2.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	15	34	1.2	1.2	2.2	3.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	12	12	34	1.0	1.0	2.5	2.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	15	34	1.2	1.7	1.7	3.7	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	9	9	9	34	1.4	1.9	1.9	1.9	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	7	18	35	1.0	1.0	1.4	3.6	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	12	35	1.0	1.8	1.8	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	12	35	1.4	1.4	1.8	2.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	15	36	1.2	1.6	2.1	3.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	12	12	36	1.0	1.4	2.3	2.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	15	36	1.6	1.6	1.6	3.5	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	9	9	9	9	36	1.8	1.8	1.8	1.8	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	9	18	37	1.0	1.0	1.7	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	12	15	37	1.1	1.1	2.7	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	7	18	37	1.0	1.3	1.3	3.4	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	9	9	12	37	1.3	1.7	1.7	2.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	9	9	15	38	1.1	2.0	2.0	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	9	15	38	1.6	1.6	2.0	3.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	12	12	38	1.3	1.3	2.2	2.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	5	5	24	39	0.9	0.9	0.9	4.3	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	9	18	39	0.9	1.3	1.6	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	5	7	12	15	39	1.1	1.5	2.6	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	9	9	9	12	39	1.6	1.6	1.6	2.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990
	7	7	7	18	39	1.3	1.3	1.3	3.2	17,280	5.1	28,800	8.4	32,000	9.4	1,110	1,800	2,990

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 39kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U43

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	7	2.1	-	-	-	6,300	1.8	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	9	2.6	-	-	-	6,300	1.8	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	12	3.5	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	15	4.2	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	18	5.3	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	24	7.0	-	-	-	14,400	4.2	24,000	7.0	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	10	1.5	1.5	-	-	6,000	1.8	10,000	2.9	11,500	3.4	396	660	794
	5	7	-	-	12	1.5	2.1	-	-	7,200	2.1	12,000	3.5	13,800	4.0	408	680	843
	5	9	-	-	14	1.5	2.6	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	7	-	-	14	2.1	2.1	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	9	-	-	16	2.1	2.6	-	-	9,600	2.8	16,000	4.7	18,400	5.4	636	1,060	1,294
	5	12	-	-	17	1.5	3.5	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	18	2.6	2.6	-	-	10,800	3.2	18,000	5.3	20,700	6.1	810	1,350	1,676
	7	12	-	-	19	2.1	3.5	-	-	11,400	3.3	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	20	1.5	4.4	-	-	12,000	3.5	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	21	2.6	3.5	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	22	2.1	4.4	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	23	1.5	5.3	-	-	13,800	4.0	23,000	6.7	26,450	7.8	1,374	2,290	2,854
	9	15	-	-	24	2.6	4.4	-	-	14,400	4.2	24,000	7.0	27,600	8.2	1,392	2,320	2,891
	12	12	-	-	24	3.4	3.4	-	-	14,400	4.2	24,000	7.0	26,400	7.7	1,410	2,350	3,147
	7	18	-	-	25	2.0	5.1	-	-	15,000	4.4	25,000	7.3	28,750	8.4	1,542	2,570	3,304
	9	18	-	-	27	2.3	4.7	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	15	-	-	27	3.5	4.4	-	-	16,200	4.7	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	5	24	-	-	29	1.2	5.8	-	-	17,400	5.1	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	18	-	-	30	2.8	4.2	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	15	-	-	30	4.0	4.0	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	7	24	-	-	31	1.6	5.4	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	9	24	-	-	33	1.9	5.1	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	18	-	-	33	3.6	4.3	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	18	18	-	-	36	3.5	3.5	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	24	-	-	36	2.3	4.7	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	15	24	-	-	39	3.0	4.9	-	-	18,000	5.3	27,000	7.9	31,050	9.1	1,770	2,950	3,586
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	9,000	2.6	15,000	4.4	17,250	5.1	396	660	1,784
	5	5	7	-	17	1.5	1.5	2.1	-	10,200	3.0	17,000	5.0	19,550	5.7	432	720	1,860
	5	5	9	-	19	1.5	1.5	2.6	-	11,400	3.3	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	7	-	19	1.5	2.1	2.1	-	11,400	3.3	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	9	-	21	1.5	2.1	2.6	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	7	7	7	-	21	2.1	2.1	2.1	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	5	5	12	-	22	1.5	1.5	3.5	-	13,200	3.9	22,000	6.4	25,300	7.4	828	1,380	1,696
	7	7	9	-	23	2.1	2.1	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	912	1,520	1,814
	5	9	9	-	23	1.5	2.6	2.6	-	13,800	4.0	23,000	6.7	26,450	7.8	912	1,520	1,814
	5	7	12	-	24	1.5	2.1	3.5	-	14,400	4.2	24,000	7.0	27,600	8.1	990	1,650	1,971
	5	5	15	-	25	1.6	1.6	4.7	-	16,200	4.7	27,000	7.9	31,050	9.2	1,035	1,725	2,061
	7	9	9	-	25	2.1	2.6	2.6	-	15,000	4.4	25,000	7.3	28,750	8.4	1,080	1,800	2,167
	5	9	12	-	26	1.5	2.6	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	7	7	12	-	26	2.1	2.1	3.5	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	5	7	15	-	27	1.5	2.1	4.4	-	16,200	4.8	27,000	7.9	31,050	9.2	1,212	2,020	2,606
	9	9	9	-	27	2.6	2.6	2.6	-	16,200	4.7	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	12	-	28	2.1	2.6	3.5	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	5	18	-	28	1.5	1.5	5.3	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	15	-	29	1.4	2.5	4.1	-	16,800	4.9	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	12	-	29	1.5	3.5	3.5	-	17,400	5.1	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	15	-	29	1.9	1.9	4.1	-	17,400	5.1	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	7	18	-	30	1.5	2.1	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	12	-	30	2.6	2.6	3.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	15	-	31	1.8	2.3	3.8	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	12	-	31	2.0	3.4	3.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	15	-	32	1.2	3.0	3.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	18	-	32	1.4	2.5	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	18	-	32	1.9	1.9	4.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	15	-	33	2.2	2.2	3.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	12	-	33	2.4	3.2	3.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	18	-	34	1.8	2.3	4.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	15	-	34	1.6	2.8	3.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	5	24	-	34	1.3	1.3	6.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	18	-	35	1.3	3.0	4.5	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	15	15	-	35	1.1	3.4	3.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	7	24	-	36	1.2	1.7	5.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	15	-	36	2.0	2.6	3.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	12	12	12	-	36	2.9	2.9	2.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	9	18	-	36	2.2	2.2	4.4	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	12	18	-	37	1.7	2.9	4.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	15	15	-	37	1.5	3.2	3.2	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	9	24	-	38	1.2	2.1	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	15	18	-	38	1.0	3.1	3.7	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	7	24	-	38	1.6	1.6	5.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	12	18	-	39	2.0	2.7	4.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	9	15	15	-	39	1.8	3.0	3.0	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	12	12	15	-	39	2.4	2.4	3.0	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	24	-	40	1.5	2.0	5.3	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	15	18	-	40	1.4	3.0	3.6	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	12	24	-	41	1.1	2.6	5.1	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	5	18	18	-	41	1.1	3.9	3.9	-	18,000	5.3	27,000	7.9	31,050	9.1	1,248	2,080	2,647

COMBINATION TABLE

Operation	Combination (kBtu/h)					Cooling												
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	12,000	3.5	20,000	5.9	24,000	7.0	852	1,420	1,971
	5	5	5	7	22	1.5	1.5	1.5	2.1	13,200	3.9	22,000	6.4	26,400	7.7	924	1,540	2,206
	5	5	5	9	24	1.5	1.5	1.5	2.6	14,400	4.2	24,000	7.0	28,800	8.4	1,026	1,710	2,480
	5	5	7	7	24	1.5	1.5	2.1	2.1	14,400	4.2	24,000	7.0	28,800	8.4	1,026	1,710	2,480
	5	5	7	9	26	1.4	1.4	1.9	2.4	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,880	2,820
	5	7	7	7	26	1.4	1.9	1.9	1.9	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,880	2,820
	5	5	5	12	27	1.3	1.3	1.3	3.1	16,200	4.7	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	9	28	1.3	1.3	2.3	2.3	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	9	28	1.3	1.8	1.8	2.3	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	7	28	1.8	1.8	1.8	1.8	16,800	4.9	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	12	29	1.2	1.2	1.7	2.9	17,400	5.1	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	15	30	1.3	1.3	1.3	4.0	17,400	5.1	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	9	30	1.2	1.6	2.1	2.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	9	30	1.6	1.6	1.6	2.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	12	31	1.1	1.1	2.0	2.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	12	31	1.1	1.6	1.6	2.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	15	32	1.2	1.2	1.7	3.7	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	9	32	1.5	1.5	2.0	2.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	9	32	1.1	2.0	2.0	2.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	18	33	1.1	1.1	1.1	3.8	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	12	33	1.1	1.5	1.9	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	12	33	1.5	1.5	1.5	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	15	34	1.2	1.2	2.1	3.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	12	12	34	1.0	1.0	2.5	2.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	15	34	1.2	1.6	1.6	3.5	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	9	34	1.4	1.9	1.9	1.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	18	35	1.0	1.0	1.4	3.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	12	35	1.0	1.8	1.8	2.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	12	35	1.4	1.4	1.8	2.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	15	36	1.1	1.5	2.0	3.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	12	12	36	1.0	1.4	2.3	2.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	15	36	1.5	1.5	1.5	3.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	9	9	9	9	36	1.8	1.8	1.8	1.8	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	9	18	37	1.0	1.0	1.7	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	12	15	37	1.1	1.1	2.6	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	7	18	37	1.0	1.3	1.3	3.4	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	12	37	1.3	1.7	1.7	2.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	9	15	38	1.0	1.9	1.9	3.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	15	38	1.5	1.5	1.9	3.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	12	12	38	1.3	1.3	2.2	2.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	5	24	39	0.9	0.9	0.9	4.3	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	9	18	39	0.9	1.3	1.6	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	7	12	15	39	1.0	1.4	2.4	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	9	9	9	12	39	1.6	1.6	1.6	2.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	7	18	39	1.3	1.3	1.3	3.2	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	9	15	40	1.4	1.8	1.8	3.0	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	9	12	12	40	1.5	2.0	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	5	7	24	41	1.1	1.1	1.5	5.1	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	9	12	15	41	1.0	1.7	2.3	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	5	12	12	12	41	1.1	2.6	2.6	2.6	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	12	15	41	1.4	1.4	2.3	2.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010
	7	7	9	18	41	1.5	1.5	1.9	3.9	18,000	5.3	27,000	7.9	32,400	9.5	1,170	1,980	3,010

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU4M27 U43

Operation	Combination (kBtu/h)					Heating														
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	5	1.5	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	498	830	1,256
	7	-	-	-	7	2.1	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,256
	9	-	-	-	9	2.6	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	534	890	1,428
	12	-	-	-	12	3.5	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	582	970	1,628
	15	-	-	-	15	4.2	-	-	-	11,040	3.2	18,400	5.4	20,240	5.9	867	1,445	2,425
	18	-	-	-	18	5.3	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,152	1,920	2,094
	24	-	-	-	24	7.0	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,331
2Unit	5	5	-	-	10	1.5	1.5	-	-	7,200	2.1	12,000	3.5	13,800	4.0	720	1,200	1,228
	5	7	-	-	12	1.5	2.1	-	-	8,640	2.5	14,400	4.2	16,560	4.9	732	1,220	2,234
	5	9	-	-	14	1.5	2.6	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,104
	7	7	-	-	14	2.1	2.1	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,434
	7	9	-	-	16	2.1	2.6	-	-	11,520	3.4	19,200	5.6	22,080	6.5	834	1,390	2,104
	5	12	-	-	17	1.5	3.5	-	-	12,240	3.6	20,400	6.0	22,440	6.6	858	1,430	2,656
	9	9	-	-	18	2.6	2.6	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,104	1,840	2,846
	7	12	-	-	19	2.1	3.5	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,206	2,010	2,951
	5	15	-	-	20	1.8	5.3	-	-	14,400	4.2	24,000	7.0	26,400	7.8	1,281	2,135	3,135
	9	12	-	-	21	2.6	3.5	-	-	15,120	4.4	25,200	7.4	27,720	8.1	1,356	2,260	3,132
	7	15	-	-	22	2.4	5.1	-	-	15,180	4.4	25,300	7.4	27,830	8.1	1,440	2,400	3,326
	5	18	-	-	23	1.5	5.3	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,524	2,540	3,160
	9	15	-	-	24	3.2	5.3	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,608	2,680	3,334
	12	12	-	-	24	3.4	3.4	-	-	17,280	5.1	28,800	8.4	31,680	9.3	1,608	2,680	3,312
	7	18	-	-	25	2.0	5.1	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,656	2,760	3,474
	9	18	-	-	27	2.3	4.7	-	-	19,440	5.7	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	15	-	-	27	4.0	5.0	-	-	19,440	5.7	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	5	24	-	-	29	1.2	5.8	-	-	20,010	5.9	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	18	-	-	30	2.8	4.2	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	15	-	-	30	4.5	4.5	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	7	24	-	-	31	1.6	5.4	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	9	24	-	-	33	1.9	5.1	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	18	-	-	33	4.1	5.0	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	18	18	-	-	36	3.5	3.5	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	12	24	-	-	36	2.3	4.7	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
	15	24	-	-	39	3.5	5.6	-	-	20,700	6.1	31,000	9.1	34,100	10.0	1,728	2,880	3,522
3Unit	5	5	5	-	15	1.5	1.5	1.5	-	10,800	3.2	18,000	5.3	20,160	5.9	870	1,450	1,551
	5	5	7	-	17	1.5	1.5	2.1	-	12,240	3.6	20,400	6.0	22,848	6.7	936	1,560	1,894
	5	5	9	-	19	1.5	1.5	2.6	-	13,680	4.0	22,800	6.7	25,536	7.5	966	1,610	2,303
	5	7	7	-	19	1.5	2.1	2.1	-	13,680	4.0	22,800	6.7	25,536	7.5	966	1,610	2,303
	5	7	9	-	21	1.5	2.1	2.6	-	15,120	4.4	25,200	7.4	28,224	8.3	1,026	1,710	2,789
	7	7	7	-	21	2.1	2.1	2.1	-	15,120	4.4	25,200	7.4	28,224	8.3	1,026	1,710	2,789
	5	5	12	-	22	1.5	1.5	3.5	-	15,840	4.6	26,400	7.7	29,568	8.7	1,050	1,750	2,960
	7	7	9	-	23	2.1	2.1	2.6	-	16,560	4.9	27,600	8.1	30,912	9.1	1,122	1,870	3,179
	5	9	9	-	23	1.5	2.6	2.6	-	16,560	4.9	27,600	8.1	30,912	9.1	1,122	1,870	3,179
	5	7	12	-	24	1.5	2.1	3.5	-	17,280	5.1	28,800	8.4	32,256	9.5	1,188	1,980	3,541
	5	5	15	-	25	1.8	1.8	5.3	-	18,000	5.3	30,000	8.8	33,600	9.9	1,224	2,040	3,648
	7	9	9	-	25	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	33,600	9.8	1,260	2,100	3,626
	5	9	12	-	26	1.5	2.6	3.5	-	18,720	5.5	30,000	8.8	33,600	9.8	1,326	2,210	3,626
	7	7	12	-	26	2.1	2.1	3.5	-	18,720	5.5	30,000	8.8	33,600	9.8	1,326	2,210	3,626
	5	7	15	-	27	1.7	2.4	5.0	-	19,344	5.7	31,000	9.1	34,720	10.1	1,377	2,295	3,765
	9	9	9	-	27	2.6	2.6	2.6	-	19,440	5.7	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	12	-	28	2.1	2.6	3.5	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	5	18	-	28	1.5	1.5	5.3	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	15	-	29	1.6	2.8	4.7	-	20,160	5.9	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	12	-	29	1.5	3.5	3.5	-	20,880	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	15	-	29	2.2	2.2	4.7	-	20,880	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	7	18	-	30	1.5	2.1	5.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	12	-	30	2.6	2.6	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	15	-	31	2.1	2.6	4.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	12	-	31	2.0	3.4	3.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	15	-	32	1.4	3.4	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	18	-	32	1.4	2.5	4.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	18	-	32	1.9	1.9	4.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	15	-	33	2.5	2.5	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	12	-	33	2.4	3.2	3.2	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	18	-	34	1.8	2.3	4.7	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	15	-	34	1.9	3.2	4.0	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	5	24	-	34	1.3	1.3	6.2	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	18	-	35	1.3	3.0	4.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	15	15	-	35	1.3	3.9	3.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	7	24	-	36	1.2	1.7	5.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	15	-	36	2.3	3.0	3.8	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	12	12	12	-	36	2.9	2.9	2.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	9	18	-	36	2.2	2.2	4.4	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	12	18	-	37	1.7	2.9	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	15	15	-	37	1.7	3.7	3.7	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	9	24	-	38	1.2	2.1	5.6	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	15	18	-	38	1.2	3.6	4.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	7	24	-	38	1.6	1.6	5.6	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	12	18	-	39	2.0	2.7	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	9	15	15	-	39	2.1	3.5	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	12	12	15	-	39	2.8	2.8	3.5	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	9	24	-	40	1.5	2.0	5.3	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	7	15	18	-	40	1.6	3.4	4.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	12	24	-	41	1.1	2.6	5.1	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730
	5	18	18	-	41	1.1	3.9	3.9	-	20,700	6.1	31,000	9.1	34,720	10.2	1,428	2,380	3,730

COMBINATION TABLE

Operation	Combination (kBtu/h)					Heating														
						Each Capacity (kW)				Total Capacity						Total Input (W)		
										Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	20	1.5	1.5	1.5	1.5	14,400	4.2	24,000	7.0	26,880	7.9	1,032	1,720	2,430
	5	5	5	7	22	1.5	1.5	1.5	2.1	15,840	4.6	26,400	7.7	29,568	8.7	1,104	1,840	2,880
	5	5	5	9	24	1.5	1.5	1.5	2.6	17,280	5.1	28,800	8.4	32,256	9.5	1,140	1,900	3,410
	5	5	7	7	24	1.5	1.5	2.1	2.1	17,280	5.1	28,800	8.4	32,256	9.5	1,140	1,900	3,410
	5	5	7	9	26	1.4	1.4	1.9	2.4	18,720	5.5	30,000	8.8	34,944	10.2	1,206	2,010	3,540
	5	7	7	7	26	1.4	1.9	1.9	1.9	18,720	5.5	30,000	8.8	34,944	10.2	1,206	2,010	3,540
	5	5	5	12	27	1.3	1.3	1.3	3.1	19,440	5.7	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	9	28	1.3	1.3	2.3	2.3	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	9	28	1.3	1.8	1.8	2.3	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	7	28	1.8	1.8	1.8	1.8	20,160	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	12	29	1.2	1.2	1.7	2.9	20,010	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	15	30	1.5	1.5	1.5	4.5	20,010	5.9	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	9	30	1.2	1.6	2.1	2.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	9	30	1.6	1.6	1.6	2.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	12	31	1.1	1.1	2.0	2.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	12	31	1.1	1.6	1.6	2.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	15	32	1.4	1.4	2.0	4.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	9	32	1.5	1.5	2.0	2.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	9	32	1.1	2.0	2.0	2.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	18	33	1.1	1.1	1.1	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	12	33	1.1	1.5	1.9	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	12	33	1.5	1.5	1.5	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	15	34	1.3	1.3	2.4	4.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	12	12	34	1.0	1.0	2.5	2.5	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	15	34	1.3	1.9	1.9	4.0	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	9	34	1.4	1.9	1.9	1.9	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	18	35	1.0	1.0	1.4	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	12	35	1.0	1.8	1.8	2.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	12	35	1.4	1.4	1.8	2.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	15	36	1.3	1.8	2.3	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	12	12	36	1.0	1.4	2.3	2.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	15	36	1.8	1.8	1.8	3.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	9	9	9	9	36	1.8	1.8	1.8	1.8	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	9	18	37	1.0	1.0	1.7	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	12	15	37	1.2	1.2	2.9	3.7	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	7	18	37	1.0	1.3	1.3	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	12	37	1.3	1.7	1.7	2.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	9	15	38	1.2	2.2	2.2	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	15	38	1.7	1.7	2.2	3.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	12	12	38	1.3	1.3	2.2	2.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	5	24	39	0.9	0.9	0.9	4.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	9	18	39	0.9	1.3	1.6	3.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	7	12	15	39	1.2	1.6	2.8	3.5	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	9	9	9	12	39	1.6	1.6	1.6	2.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	7	18	39	1.3	1.3	1.3	3.2	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	9	15	40	1.6	2.0	2.0	3.4	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	9	12	12	40	1.5	2.0	2.6	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	5	7	24	41	1.1	1.1	1.5	5.1	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	9	12	15	41	1.1	2.0	2.7	3.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	5	12	12	12	41	1.1	2.6	2.6	2.6	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	12	15	41	1.6	1.6	2.7	3.3	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600
	7	7	9	18	41	1.5	1.5	1.9	3.9	20,700	6.1	31,000	9.1	36,000	10.6	1,230	2,010	3,600

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB
2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 41kBtu/h
4. At least two indoor units should be connected.

COMBINATION TABLE

MU5M30 U43

Operation	Combination (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.5	-	-	-	-	4,500	1.3	5,000	1.5	5,500	1.6	444	740	1,029
	7	-	-	-	-	7	2.1	-	-	-	-	6,300	1.9	7,000	2.1	7,700	2.3	444	740	1,029
	9	-	-	-	-	9	2.6	-	-	-	-	6,300	1.9	9,000	2.6	9,900	2.9	540	900	1,167
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	13,200	3.9	660	1,100	1,294
	15	-	-	-	-	15	4.2	-	-	-	-	8,520	2.5	14,200	4.2	15,620	4.7	840	1,400	1,647
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	19,800	5.8	1,020	1,700	2,225
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.1	25,500	7.5	1,470	2,450	3,088
2Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	11,500	3.4	396	660	794
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	13,800	4.1	408	680	843
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,100	4.7	492	820	980
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	18,400	5.4	636	1,060	1,294
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	18,700	5.5	720	1,200	1,451
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	20,700	6.1	810	1,350	1,676
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.4	19,000	5.6	20,900	6.1	924	1,540	1,843
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.6	20,000	5.9	22,000	6.4	1,026	1,710	2,046
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,128	1,880	2,441
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.8	22,000	6.4	24,200	7.1	1,251	2,085	2,707
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.1	23,000	6.8	26,450	7.8	1,374	2,290	2,854
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	27,600	8.1	1,392	2,320	2,891
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,410	2,350	3,147
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,542	2,570	3,304
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,770	2,950	3,586
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,821	3,035	3,689
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	31,900	9.4	1,872	3,120	3,667
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	7	24	-	-	-	31	2.0	6.8	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	9	24	-	-	-	33	2.4	6.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	18	-	-	-	33	4.4	5.3	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	18	18	-	-	-	36	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	12	24	-	-	-	36	2.9	5.9	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	15	24	-	-	-	39	3.4	5.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	18	24	-	-	-	42	3.8	5.0	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
	24	24	-	-	-	48	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,950	3,250	3,667
3Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	17,250	5.1	396	660	898
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	19,550	5.7	432	720	979
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.4	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.4	19,000	5.6	21,850	6.4	570	950	1,294
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	24,150	7.1	738	1,230	1,588
	5	5	12	-	-	22	1.5	1.5	3.5	-	-	13,200	3.9	22,000	6.5	25,300	7.4	828	1,380	1,696
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.1	23,000	6.8	26,450	7.8	912	1,520	1,814
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.1	23,000	6.8	26,450	7.8	912	1,520	1,814
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.1	27,600	8.1	990	1,650	1,971
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.3	25,000	7.3	28,750	8.4	1,035	1,725	2,061
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.4	28,750	8.5	1,080	1,800	2,167
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	29,900	8.8	1,176	1,960	2,529
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.8	27,000	7.9	31,050	9.2	1,212	2,020	2,606
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.8	27,000	7.9	31,050	9.1	1,248	2,080	2,647
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,338	2,230	2,794
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	32,200	9.5	1,338	2,230	2,794
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	32,480	9.5	1,452	2,420	2,922
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	15	-	-	31	2.0	2.6	4.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	12	-	-	31	2.0	3.4	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	15	-	-	32	1.4	3.3	4.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	9	18	-	-	32	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	7	18	-	-	32	1.9	1.9	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	15	-	-	33	2.4	2.4	4.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	12	-	-	33	2.4	3.2	3.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	18	-	-	34	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	15	-	-	34	1.8	3.1	3.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	5	24	-	-	34	1.3	1.3	6.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	18	-	-	35	1.3	3.0	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	15	-	-	35	1.3	3.8	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	7	24	-	-	36	1.2	1.7	5.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	15	-	-	36	2.2	2.9	3.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	12	-	-	36	2.9	2.9	2.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	18	-	-	36	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	18	-	-	37	1.7	2.9	4.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	15	-	-	37	1.7	3.6	3.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	9	24	-	-	38	1.2	2.1	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	18	-	-	38	1.2	3.5	4.2	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	7	24	-	-	38	1.6	1.6	5.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	18	-	-	39	2.0	2.7	4.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	15	-	-	39	2.0	3.4	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	15	-	-	39	2.7	2.7	3.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	9	24	-	-	40	1.5	2.0	5.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	18	-	-	40	1.5	3.3	4.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	12	24	-	-	41	1.1	2.6	5.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	18	18	-	-	41	1.1	3.9	3.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	18	-	-	42	2.5	2.5	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	9	24	-	-	42	1.9	1.9	5.0	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	18	-	-	42	1.9	3.1	3.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	15	15	-	-	42	2.5	3.1	3.1	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
3Unit	7	18	18	-	-	43	1.4	3.7	3.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	12	24	-	-	43	1.4	2.5	4.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	15	24	-	-	44	1.0	3.0	4.8	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	18	18	-	-	45	1.8	3.5	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	12	24	-	-	45	1.8	2.3	4.7	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	15	18	-	-	45	2.3	2.9	3.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	15	15	15	-	-	45	2.9	2.9	2.9	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	7	15	24	-	-	46	1.3	2.9	4.6	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	5	18	24	-	-	47	0.9	3.4	4.5	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	9	15	24	-	-	48	1.6	2.7	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	18	18	-	-	48	2.2	3.3	3.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	12	12	24	-	-	48	2.2	2.2	4.4	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
	15	15	18	-	-	48	2.7	2.7	3.3	-	-	18,000	5.3	30,000	8.8	33,600	9.9	1,584	2,640	3,206
4Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.1	852	1,420	1,971
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.5	26,400	7.8	924	1,540	2,206
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.1	28,800	8.5	1,026	1,710	2,480
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.1	28,800	8.5	1,026	1,710	2,480
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.2	1,128	1,880	2,765
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.2	1,128	1,880	2,765
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.8	27,000	7.9	32,400	9.5	1,170	1,950	2,951
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,010
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,010
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.9	1,224	2,040	3,137
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,278	2,130	3,294
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,314	2,190	3,387
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	12	-	31	1.4	1.4	2.6	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	12	-	31	1.4	2.0	2.0	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	15	-	32	1.4	1.4	1.9	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	9	-	32	1.9	1.9	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	9	-	32	1.4	2.5	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	5	18	-	33	1.3	1.3	1.3	4.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	12	-	33	1.3	1.9	2.4	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	12	-	33	1.9	1.9	1.9	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	15	-	34	1.3	1.3	2.3	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	12	12	-	34	1.3	1.3	3.1	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	15	-	34	1.3	1.8	1.8	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	9	-	34	1.8	2.3	2.3	2.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	18	-	35	1.3	1.3	1.8	4.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	12	-	35	1.3	2.3	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	12	-	35	1.8	1.8	2.3	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	15	-	36	1.2	1.7	2.2	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	12	12	-	36	1.2	1.7	2.9	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	15	-	36	1.7	1.7	1.7	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	9	-	36	2.2	2.2	2.2	2.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	9	18	-	37	1.2	1.2	2.1	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	12	15	-	37	1.2	1.2	2.9	3.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	7	18	-	37	1.2	1.7	1.7	4.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	12	-	37	1.7	2.1	2.1	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	9	15	-	38	1.2	2.1	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	15	-	38	1.6	1.6	2.1	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	12	12	-	38	1.6	1.6	2.8	2.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	5	24	-	39	1.1	1.1	1.1	5.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	9	18	-	39	1.1	1.6	2.0	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	12	15	-	39	1.1	1.6	2.7	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	12	-	39	2.0	2.0	2.0	2.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	18	-	39	1.6	1.6	1.6	4.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	15	-	40	1.5	2.0	2.0	3.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	12	12	-	40	1.5	2.0	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	5	7	24	-	41	1.1	1.1	1.5	5.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	12	15	-	41	1.1	1.9	2.6	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	12	12	12	-	41	1.1	2.6	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	18	-	41	1.5	1.5	1.9	3.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	12	15	-	41	1.5	1.5	2.6	3.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	15	15	-	42	1.0	1.5	3.1	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	15	-	42	1.9	1.9	1.9	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	12	12	-	42	1.9	1.9	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	12	15	-	43	1.4	1.8	2.5	3.1	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	12	12	12	-	43	1.4	2.5	2.5	2.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	9	18	-	43	1.4	1.8	1.8	3.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	15	15	-	44	1.0	1.8	3.0	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	12	18	-	44	1.4	1.4	2.4	3.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	15	15	-	44	1.4	1.4	3.0	3.0	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	7	18	15	-	45	1.0	1.4	3.5	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	12	15	-	45	1.8	1.8	2.3	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	12	12	12	-	45	1.8	2.3	2.3	2.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	9	18	-	45	1.8	1.8	1.8	3.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	7	24	-	45	1.4	1.4	1.4	4.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	12	18	-	46	1.3	1.7	2.3	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	9	15	15	-	46	1.3	1.7	2.9	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	12	12	15	-	46	1.3	2.3	2.3	2.9	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	12	12	18	-	47	0.9	2.2	2.2	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	9	24	-	47	1.3	1.3	1.7	4.5	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	7	7	15	18	-	47	1.3	1.3	2.8	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	9	15	18	-	47	0.9	1.7	2.8	3.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	5	12	15	15	-	47	0.9	2.2	2.8	2.8	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	15	15	-	48	1.6	1.6	2.7	2.7	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	12	12	12	12	-	48	2.2	2.2	2.2	2.2	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422
	9	9	12	18	-	48	1.6	1.6	2.2	3.3	-	18,000	5.3	30,000	8.8	36,000	10.6	1,350	2,250	3,422

COMBINATION TABLE

MU5M30 U43

Operation	Combination (kBtu/h)						Cooling														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5Unit	5	5	5	5	5	25	1.5	1.5	1.5	1.5	1.5	15,000	4.4	25,000	7.4	30,000	8.8	1,092	1,820	2,768
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.8	27,000	7.9	32,400	9.5	1,182	1,970	3,100
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	34,800	10.2	1,248	2,080	3,240
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	34,800	10.2	1,248	2,080	3,240
	5	5	5	7	9	31	1.4	1.4	1.4	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	7	31	1.4	1.4	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	12	32	1.4	1.4	1.4	1.4	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	9	33	1.3	1.3	1.3	2.4	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	9	33	1.3	1.3	1.9	1.9	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	7	33	1.3	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	12	34	1.3	1.3	1.3	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	15	35	1.3	1.3	1.3	1.3	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	9	35	1.3	1.8	1.8	1.8	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	7	35	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	12	36	1.2	1.2	1.2	2.2	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	12	36	1.2	1.2	1.7	1.7	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	15	37	1.2	1.2	1.2	1.7	3.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	9	37	1.2	1.2	2.1	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	9	37	1.2	1.7	1.7	2.1	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	9	37	1.7	1.7	1.7	1.7	2.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	18	38	1.2	1.2	1.2	1.2	4.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	12	38	1.2	1.6	1.6	1.6	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	15	39	1.1	1.1	1.1	2.0	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	12	39	1.1	1.1	1.1	2.7	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	15	39	1.1	1.1	1.6	1.6	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	9	39	1.6	1.6	1.6	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	9	39	1.1	1.6	2.0	2.0	2.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	18	40	1.1	1.1	1.1	1.5	4.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	12	40	1.1	1.1	2.0	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	12	40	1.1	1.5	1.5	2.0	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	12	40	1.5	1.5	1.5	1.5	2.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	9	15	41	1.1	1.1	1.5	1.9	3.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	15	41	1.1	1.5	1.5	1.5	3.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	9	41	1.1	1.9	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	9	41	1.5	1.5	1.9	1.9	1.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	18	42	1.0	1.0	1.0	1.9	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	15	42	1.0	1.0	1.0	2.5	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	18	42	1.0	1.0	1.5	1.5	3.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	12	42	1.0	1.5	1.9	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	12	42	1.5	1.5	1.5	1.9	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	15	43	1.0	1.0	1.8	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	15	43	1.0	1.4	1.4	1.8	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	12	12	43	1.0	1.4	1.4	2.5	2.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	15	43	1.4	1.4	1.4	1.4	3.1	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	9	9	9	9	43	1.4	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	12	15	44	1.0	1.0	1.4	2.4	3.0	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	5	24	44	1.0	1.0	1.0	1.0	4.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	7	18	44	1.0	1.4	1.4	1.4	3.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	12	44	1.0	1.8	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	12	44	1.4	1.4	1.8	1.8	2.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	12	18	45	1.0	1.0	1.0	2.3	3.5	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	15	15	45	1.0	1.0	1.0	2.9	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	15	45	1.0	1.4	1.8	1.8	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	12	12	45	1.0	1.4	1.8	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	15	45	1.4	1.4	1.4	1.8	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	12	12	45	1.4	1.4	1.4	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	9	9	9	9	9	45	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	7	24	46	1.0	1.0	1.0	1.3	4.6	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	9	18	46	1.0	1.0	1.7	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	9	12	15	46	1.0	1.0	1.7	2.3	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	12	12	12	46	1.0	1.0	2.3	2.3	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	9	18	46	1.0	1.3	1.3	1.7	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	7	12	15	46	1.0	1.3	1.3	2.3	2.9	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	7	18	46	1.3	1.3	1.3	1.3	3.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	9	9	9	12	46	1.3	1.7	1.7	1.7	2.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	15	15	47	0.9	0.9	1.3	2.8	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	9	15	47	0.9	1.7	1.7	1.7	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	9	9	12	12	47	0.9	1.7	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	9	15	47	1.3	1.3	1.7	1.7	2.8	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	9	12	12	47	1.3	1.3	1.7	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	9	24	48	0.9	0.9	0.9	1.6	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	5	18	15	48	0.9	0.9	0.9	3.3	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	5	7	7	24	48	0.9	0.9	1.3	1.3	4.4	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	9	18	48	0.9	1.3	1.6	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	9	12	15	48	0.9	1.3	1.6	2.2	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	5	7	12	12	12	48	0.9	1.3	2.2	2.2	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	12	15	48	1.3	1.3	1.3	2.2	2.7	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	9	9	9	9	12	48	1.6	1.6	1.6	1.6	2.2	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380
	7	7	7	9	18	48	1.3	1.3	1.3	1.6	3.3	18,000	5.3	30,000	8.8	36,000	10.6	1,280	2,200	3,380

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB / 2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB

3. The total ability of connected a indoor unit is up to 48kBtu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.6	-	-	-	-	5,000	1.5	5,500	1.6	6,050	1.8	498	830	1,294
	7	-	-	-	-	7	2.3	-	-	-	-	7,560	2.2	8,000	2.3	8,800	2.6	510	850	1,294
	9	-	-	-	-	9	2.9	-	-	-	-	7,560	2.2	10,000	2.9	11,000	3.2	534	890	1,471
	12	-	-	-	-	12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	14,520	4.3	582	970	1,676
	15	-	-	-	-	15	4.2	-	-	-	-	11,040	2.5	18,400	4.2	20,240	4.6	867	1,445	2,497
	18	-	-	-	-	18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	21,780	6.4	1,152	1,920	2,157
	24	-	-	-	-	24	7.4	-	-	-	-	15,240	4.5	25,400	7.4	26,600	7.8	1,416	2,360	3,431
2Unit	5	5	-	-	-	10	1.8	1.8	-	-	-	7,200	2.1	12,000	3.5	13,800	4.0	720	1,200	1,265
	5	7	-	-	-	12	1.8	2.5	-	-	-	8,640	2.5	14,400	4.2	16,560	4.9	732	1,220	2,301
	5	9	-	-	-	14	1.8	3.2	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,167
	7	7	-	-	-	14	2.5	2.5	-	-	-	10,080	3.0	16,800	4.9	19,320	5.7	762	1,270	2,507
	7	9	-	-	-	16	2.5	3.2	-	-	-	11,520	3.4	19,200	5.6	22,080	6.5	834	1,390	2,167
	5	12	-	-	-	17	1.8	4.2	-	-	-	12,240	3.6	20,400	6.0	22,440	6.6	858	1,430	2,735
	9	9	-	-	-	18	3.2	3.2	-	-	-	12,960	3.8	21,600	6.3	24,840	7.3	1,104	1,840	2,931
	7	12	-	-	-	19	2.5	4.2	-	-	-	13,680	4.0	22,800	6.7	25,080	7.4	1,206	2,010	3,039
	5	15	-	-	-	20	1.8	5.3	-	-	-	14,400	4.2	24,000	7.0	26,400	7.8	1,281	2,135	3,228
	9	12	-	-	-	21	3.2	4.2	-	-	-	15,120	4.4	25,200	7.4	27,720	8.1	1,356	2,260	3,225
	7	15	-	-	-	22	2.5	5.3	-	-	-	15,840	4.6	26,400	7.7	29,040	8.5	1,440	2,400	3,425
	5	18	-	-	-	23	1.8	6.3	-	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,524	2,540	3,255
	9	15	-	-	-	24	3.2	5.3	-	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,566	2,610	3,345
	12	12	-	-	-	24	4.2	4.2	-	-	-	17,280	5.1	28,800	8.4	33,120	9.3	1,608	2,680	3,412
	7	18	-	-	-	25	2.5	6.3	-	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,656	2,760	3,578
	9	18	-	-	-	27	3.2	6.3	-	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,728	2,880	3,627
	12	15	-	-	-	27	4.2	5.3	-	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,728	2,880	3,627
	5	24	-	-	-	29	1.7	8.1	-	-	-	20,010	5.9	33,350	9.8	36,685	10.8	1,728	2,880	3,627
	12	18	-	-	-	30	4.0	6.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	15	-	-	-	30	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	7	24	-	-	-	31	2.3	7.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	9	24	-	-	-	33	2.8	7.4	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	18	-	-	-	33	4.6	5.5	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	18	18	-	-	-	36	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,728	2,880	3,627
	12	24	-	-	-	36	3.4	6.7	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	15	24	-	-	-	39	3.9	6.2	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	18	24	-	-	-	42	4.3	5.8	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
	24	24	-	-	-	48	5.1	5.1	-	-	-	20,700	6.1	34,500	10.1	37,950	11.1	1,728	2,880	3,627
3Unit	5	5	5	-	-	15	1.8	1.8	1.8	-	-	10,800	3.2	18,000	5.3	20,700	6.1	870	1,450	1,598
	5	5	7	-	-	17	1.8	1.8	2.5	-	-	12,240	3.6	20,400	6.0	23,460	6.9	936	1,560	1,951
	5	5	9	-	-	19	1.8	1.8	3.2	-	-	13,680	4.0	22,800	6.7	26,220	7.7	966	1,610	2,373
	5	7	7	-	-	19	1.8	2.5	2.5	-	-	13,680	4.0	22,800	6.7	26,220	7.7	966	1,610	2,373
	5	7	9	-	-	21	1.8	2.5	3.2	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,026	1,710	2,873
	7	7	7	-	-	21	2.5	2.5	2.5	-	-	15,120	4.4	25,200	7.4	28,980	8.5	1,026	1,710	2,873
	5	5	12	-	-	22	1.8	1.8	4.2	-	-	15,840	4.6	26,400	7.7	30,360	8.9	1,050	1,750	3,049
	7	7	9	-	-	23	2.5	2.5	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,122	1,870	3,275
	5	9	9	-	-	23	1.8	3.2	3.2	-	-	16,560	4.9	27,600	8.1	31,740	9.3	1,122	1,870	3,275
	5	7	12	-	-	24	1.8	2.5	4.2	-	-	17,280	5.1	28,800	8.4	33,120	9.7	1,188	1,980	3,647
	5	5	15	-	-	25	1.8	1.8	5.3	-	-	18,000	5.3	30,000	8.8	34,500	10.2	1,224	2,040	3,758
	7	9	9	-	-	25	2.5	3.2	3.2	-	-	18,000	5.3	30,000	8.8	34,500	10.1	1,260	2,100	3,735
	5	9	12	-	-	26	1.8	3.2	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	1,326	2,210	3,735
	7	7	12	-	-	26	2.5	2.5	4.2	-	-	18,720	5.5	31,200	9.1	35,880	10.5	1,326	2,210	3,735
	5	7	15	-	-	27	1.8	2.5	5.3	-	-	19,440	5.7	32,400	9.5	37,260	11.0	1,377	2,295	3,879
	9	9	9	-	-	27	3.2	3.2	3.2	-	-	19,440	5.7	32,400	9.5	37,260	10.9	1,428	2,380	3,775
	7	9	12	-	-	28	2.5	3.2	4.2	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,524	2,540	3,775
	5	5	18	-	-	28	1.8	1.8	6.3	-	-	20,160	5.9	33,600	9.8	38,640	11.3	1,524	2,540	3,775
	5	9	15	-	-	29	1.8	3.2	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	12	-	-	29	1.8	4.2	4.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	7	15	-	-	29	2.5	2.5	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	7	18	-	-	30	1.7	2.4	6.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	9	12	-	-	30	3.0	3.0	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	9	15	-	-	31	2.3	2.9	4.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	12	12	-	-	31	2.3	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	15	-	-	32	1.6	3.8	4.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	9	18	-	-	32	1.6	2.8	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	7	7	18	-	-	32	2.2	2.2	5.7	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	9	9	15	-	-	33	2.8	2.8	4.6	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	9	12	12	-	-	33	2.8	3.7	3.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	9	18	-	-	34	2.1	2.7	5.4	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	7	12	15	-	-	34	2.1	3.6	4.5	-	-	20,700	6.1	34,500	10.1	39,675	11.6	1,584	2,640	3,775
	5	5	24	-	-	34	1.5	1.5	7.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	18	-	-	35	1.4	3.5	5.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	15	15	-	-	35	1.4	4.3	4.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	7	24	-	-	36	1.4	2.0	6.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	12	15	-	-	36	2.5	3.4	4.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	12	12	-	-	36	3.4	3.4	3.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	9	18	-	-	36	2.5	2.5	5.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	12	18	-	-	37	1.9	3.3	4.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	15	15	-	-	37	1.9	4.1	4.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	9	24	-	-	38	1.3	2.4	6.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	15	18	-	-	38	1.3	4.0	4.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	7	24	-	-	38	1.9	1.9	6.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	12	18	-	-	39	2.3	3.1	4.7	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	15	15	-	-	39	2.3	3.9	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	12	15	-	-	39	3.1	3.1	3.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	9	24	-	-	40	1.8	2.3	6.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	15	18	-	-	40	1.8	3.8	4.6	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	12	24	-	-	41	1.2	3.0	5.9	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	18	18	-	-	41	1.2	4.4	4.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	12	18	-	-	42	2.9	2.9	4.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	9	24	-	-	42	2.2	2.2	5.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	15	18	-	-	42	2.2	3.6	4.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	15	15	-	-	42	2.9	3.6	3.6	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775

COMBINATION TABLE

MU5M30 U43

Operation	Combination (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
3Unit	7	18	18	-	-	43	1.6	4.2	4.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	12	24	-	-	43	1.6	2.8	5.6	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	15	24	-	-	44	1.1	3.4	5.5	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	18	18	-	-	45	2.0	4.0	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	12	24	-	-	45	2.0	2.7	5.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	15	18	-	-	45	2.7	3.4	4.0	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	15	15	15	-	-	45	3.4	3.4	3.4	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	7	15	24	-	-	46	1.5	3.3	5.3	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	18	24	-	-	47	1.1	3.9	5.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	5	18	24	-	-	47	1.1	3.9	5.2	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	9	15	24	-	-	48	1.9	3.2	5.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	18	18	-	-	48	2.5	3.8	3.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	12	12	24	-	-	48	2.5	2.5	5.1	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
	15	15	18	-	-	48	3.2	3.2	3.8	-	-	20,700	6.1	34,500	10.1	38,640	11.3	1,584	2,640	3,775
4Unit	5	5	5	5	-	20	1.8	1.8	1.8	1.8	-	14,400	4.2	24,000	7.0	28,800	8.4	1,032	1,720	2,382
	5	5	5	7	-	22	1.8	1.8	1.8	2.5	-	15,840	4.6	26,400	7.7	31,680	9.3	1,104	1,840	2,824
	5	5	5	9	-	24	1.8	1.8	1.8	3.2	-	17,280	5.1	28,800	8.4	34,560	10.1	1,140	1,900	3,343
	5	5	7	7	-	24	1.8	1.8	2.5	2.5	-	17,280	5.1	28,800	8.4	34,560	10.1	1,140	1,900	3,343
	5	5	7	9	-	26	1.8	1.8	2.5	3.2	-	18,720	5.5	31,200	9.1	37,440	11.0	1,224	2,040	3,647
	5	7	7	7	-	26	1.8	2.5	2.5	2.5	-	18,720	5.5	31,200	9.1	37,440	11.0	1,236	2,060	3,647
	5	5	5	12	-	27	1.8	1.8	1.8	4.2	-	19,440	5.7	32,400	9.5	38,880	11.4	1,260	2,100	3,706
	5	5	9	9	-	28	1.8	1.8	3.2	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,706
	5	7	7	9	-	28	1.8	2.5	2.5	3.2	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,706
	7	7	7	7	-	28	2.5	2.5	2.5	2.5	-	20,160	5.9	33,600	9.8	40,320	11.8	1,356	2,260	3,745
	5	5	7	12	-	29	1.7	1.7	2.4	4.0	-	20,160	5.9	33,350	9.8	40,020	11.7	1,392	2,320	3,745
	5	5	5	15	-	30	1.7	1.7	1.7	5.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,437	2,395	3,775
	5	7	9	9	-	30	1.7	2.4	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	9	-	30	2.4	2.4	2.4	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	12	-	31	1.6	1.6	2.9	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	12	-	31	1.6	2.3	2.3	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	15	-	32	1.6	1.6	2.2	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	9	-	32	2.2	2.2	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	9	-	32	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	5	18	-	33	1.5	1.5	1.5	5.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	12	-	33	1.5	2.1	2.8	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	12	-	33	2.1	2.1	2.1	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	15	-	34	1.5	1.5	2.7	4.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	12	12	-	34	1.5	1.5	3.6	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	15	-	34	1.5	2.1	2.1	4.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	9	-	34	2.1	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	18	-	35	1.4	1.4	2.0	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	12	-	35	1.4	2.6	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	12	-	35	2.0	2.0	2.6	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	15	-	36	1.4	2.0	2.5	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	12	-	36	1.4	2.0	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	15	-	36	2.0	2.0	2.0	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	9	-	36	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	9	18	-	37	1.4	1.4	2.5	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	12	15	-	37	1.4	1.4	3.3	4.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	7	18	-	37	1.4	1.9	1.9	4.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	12	-	37	1.9	2.5	2.5	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	9	15	-	38	1.3	2.4	2.4	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	15	-	38	1.9	1.9	2.4	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	12	-	38	1.9	1.9	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	5	24	-	39	1.3	1.3	1.3	6.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	9	18	-	39	1.3	1.8	2.3	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	12	15	-	39	1.3	1.8	3.1	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	12	-	39	2.3	2.3	2.3	3.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	18	-	39	1.8	1.8	1.8	4.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	15	-	40	1.8	2.3	2.3	3.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	12	-	40	1.8	2.3	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	5	7	24	-	41	1.2	1.2	1.7	5.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	12	15	-	41	1.2	2.2	3.0	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	12	12	-	41	1.2	3.0	3.0	3.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	18	-	41	1.7	1.7	2.2	4.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	15	-	41	1.7	1.7	3.0	3.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	15	15	-	42	1.2	1.7	3.6	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	15	-	42	2.2	2.2	2.2	3.6	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	12	-	42	2.2	2.2	2.9	2.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	15	-	43	1.6	2.1	2.8	3.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	12	12	12	-	43	1.6	2.8	2.8	2.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	9	18	-	43	1.6	2.1	2.1	4.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	15	15	-	44	1.1	2.1	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	12	18	-	44	1.6	1.6	2.8	4.1	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	15	15	-	44	1.6	1.6	3.4	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	7	18	15	-	45	1.1	1.6	4.0	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	15	-	45	2.0	2.0	2.7	3.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	12	12	12	-	45	2.0	2.7	2.7	2.7	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	9	18	-	45	2.0	2.0	2.0	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	7	24	-	45	1.6	1.6	1.6	5.4	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	12	18	-	46	1.5	2.0	2.6	4.0	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	9	15	15	-	46	1.5	2.0	3.3	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	12	12	15	-	46	1.5	2.6	2.6	3.3	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	12	18	-	47	1.1	2.6	2.6	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	9	24	-	47	1.5	1.5	1.9	5.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	7	7	15	18	-	47	1.5	1.5	3.2	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	9	15	18	-	47	1.1	1.9	3.2	3.9	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	5	12	15	15	-	47	1.1	2.6	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	15	15	-	48	1.9	1.9	3.2	3.2	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	12	12	12	12	-	48	2.5	2.5	2.5	2.5	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775
	9	9	12	18	-	48	1.9	1.9	2.5	3.8	-	20,700	6.1	34,500	10.1	41,400	12.1	1,482	2,470	3,775

COMBINATION TABLE

Operation	Combination (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5Unit	5	5	5	5	5	25	1.8	1.8	1.8	1.8	1.8	18,000	5.3	30,000	8.8	36,000	10.6	1,182	1,970	3,343
	5	5	5	5	7	27	1.8	1.8	1.8	1.8	2.5	19,440	5.7	32,400	9.5	38,880	11.4	1,248	2,080	3,471
	5	5	5	5	9	29	1.7	1.7	1.7	1.7	3.0	20,010	5.9	33,350	9.8	40,020	11.7	1,272	2,120	3,640
	5	5	5	7	7	29	1.7	1.7	1.7	2.4	2.4	20,010	5.9	33,350	9.8	40,020	11.7	1,272	2,120	3,640
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	9	33	1.5	1.5	1.5	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	15	35	1.4	1.4	1.4	1.4	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	9	35	1.4	2.0	2.0	2.0	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	7	35	2.0	2.0	2.0	2.0	2.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	12	36	1.4	1.4	1.4	2.5	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	12	36	1.4	1.4	2.0	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	15	37	1.4	1.4	1.4	1.9	4.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	9	37	1.4	1.4	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	9	37	1.4	1.9	1.9	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	9	37	1.9	1.9	1.9	1.9	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	18	38	1.3	1.3	1.3	1.3	4.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	12	38	1.3	1.9	1.9	1.9	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	15	39	1.3	1.3	1.3	2.3	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	12	12	39	1.3	1.3	1.3	3.1	3.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	15	39	1.3	1.3	1.8	1.8	3.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	9	39	1.8	1.8	1.8	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	9	39	1.3	1.8	2.3	2.3	2.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	18	40	1.3	1.3	1.3	1.8	4.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	12	40	1.3	1.3	2.3	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	12	40	1.3	1.8	1.8	2.3	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	12	40	1.8	1.8	1.8	1.8	3.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	9	15	41	1.2	1.2	1.7	2.2	3.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	15	41	1.2	1.7	1.7	1.7	3.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	9	9	9	9	41	1.2	2.2	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	9	9	9	41	1.7	1.7	2.2	2.2	2.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	18	42	1.2	1.2	1.2	2.2	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	12	15	42	1.2	1.2	1.2	2.9	3.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	18	42	1.2	1.2	1.7	1.7	4.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	12	42	1.2	1.7	2.2	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	12	42	1.7	1.7	1.7	2.2	2.9	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	15	43	1.2	1.2	2.1	2.1	3.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	15	43	1.2	1.6	1.6	2.1	3.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	12	12	43	1.2	1.6	1.6	2.8	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	15	43	1.6	1.6	1.6	1.6	3.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	9	9	9	9	43	1.6	2.1	2.1	2.1	2.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	12	15	44	1.1	1.1	1.6	2.8	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	5	24	44	1.1	1.1	1.1	1.1	5.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	7	18	44	1.1	1.6	1.6	1.6	4.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	9	9	9	12	44	1.1	2.1	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	9	9	12	44	1.6	1.6	2.1	2.1	2.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	12	18	45	1.1	1.1	1.1	2.7	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	15	15	45	1.1	1.1	1.1	3.4	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	15	45	1.1	1.6	2.0	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	12	12	45	1.1	1.6	2.0	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	15	45	1.6	1.6	1.6	2.0	3.4	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	12	12	45	1.6	1.6	1.6	2.7	2.7	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	9	9	9	9	9	45	2.0	2.0	2.0	2.0	2.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	7	24	46	1.1	1.1	1.1	1.5	5.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	9	18	46	1.1	1.1	2.0	2.0	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	9	12	15	46	1.1	1.1	2.0	2.6	3.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	12	12	12	46	1.1	1.1	2.6	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	9	18	46	1.1	1.5	1.5	2.0	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	7	12	15	46	1.1	1.5	1.5	2.6	3.3	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	7	18	46	1.5	1.5	1.5	1.5	4.0	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	9	9	9	12	46	1.5	2.0	2.0	2.0	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	15	15	47	1.1	1.1	1.5	3.2	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	9	9	9	15	47	1.1	1.9	1.9	1.9	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	9	9	12	12	47	1.1	1.9	1.9	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	9	9	15	47	1.5	1.5	1.9	1.9	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	9	12	12	47	1.5	1.5	1.9	2.6	2.6	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	9	24	48	1.1	1.1	1.1	1.9	5.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	5	18	15	48	1.1	1.1	1.1	3.8	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	5	7	7	24	48	1.1	1.1	1.5	1.5	5.1	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	9	18	48	1.1	1.5	1.9	1.9	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	9	12	15	48	1.1	1.5	1.9	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	5	7	12	12	12	48	1.1	1.5	2.5	2.5	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	12	15	48	1.5	1.5	1.5	2.5	3.2	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	9	9	9	9	12	48	1.9	1.9	1.9	1.9	2.5	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700
	7	7	7	9	18	48	1.5	1.5	1.5	1.9	3.8	20,700	6.1	34,500	10.1	41,400	12.1	1,320	2,200	3,700

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB / 2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB

3. The total ability of connected a indoor unit is up to 48kBtu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.5	-	-	-	-	3,000	0.9	5,000	1.5	6,000	1.8	780	1,120	1,703
	7	-	-	-	-	7	2.1	-	-	-	-	4,200	1.2	7,000	2.1	8,400	2.5	780	1,120	1,703
	9	-	-	-	-	9	2.6	-	-	-	-	5,400	1.6	9,000	2.6	10,800	3.2	780	1,120	1,703
	12	-	-	-	-	12	3.5	-	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	15	-	-	-	-	15	4.2	-	-	-	-	8,520	2.5	14,200	4.2	17,040	5.0	829	1,190	1,809
	18	-	-	-	-	18	5.3	-	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	24	-	-	-	-	24	7.0	-	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
2Unit	5	5	-	-	-	10	1.5	1.5	-	-	-	6,000	1.8	10,000	2.9	12,000	3.5	780	1,120	1,703
	5	7	-	-	-	12	1.5	2.1	-	-	-	7,200	2.1	12,000	3.5	14,400	4.2	780	1,120	1,703
	5	9	-	-	-	14	1.5	2.6	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	7	-	-	-	14	2.1	2.1	-	-	-	8,400	2.5	14,000	4.1	16,800	4.9	780	1,120	1,703
	7	9	-	-	-	16	2.1	2.6	-	-	-	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703
	5	12	-	-	-	17	1.5	3.5	-	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	9	9	-	-	-	18	2.6	2.6	-	-	-	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915
	7	12	-	-	-	19	2.1	3.5	-	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	15	-	-	-	20	1.5	4.4	-	-	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	9	12	-	-	-	21	2.6	3.5	-	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	15	-	-	-	22	2.1	4.4	-	-	-	13,200	3.8	22,000	6.4	26,400	7.7	954	1,540	2,341
	5	18	-	-	-	23	1.5	5.3	-	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	9	15	-	-	-	24	2.6	4.4	-	-	-	14,400	4.2	24,000	7.0	28,800	8.5	1,020	1,645	2,500
	12	12	-	-	-	24	3.5	3.5	-	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	7	18	-	-	-	25	2.1	5.3	-	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	9	18	-	-	-	27	2.6	5.3	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	12	15	-	-	-	27	3.5	4.4	-	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,215	1,960	2,979
	5	24	-	-	-	29	1.5	7.0	-	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	12	18	-	-	-	30	3.5	5.3	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	15	15	-	-	-	30	4.4	4.4	-	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	24	-	-	-	31	2.1	7.0	-	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	9	24	-	-	-	33	2.6	7.0	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	15	18	-	-	-	33	4.4	5.3	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,497	2,415	3,672
	18	18	-	-	-	36	5.3	5.3	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	24	-	-	-	36	3.5	7.0	-	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	15	24	-	-	-	39	3.7	6.0	-	-	-	19,800	5.7	33,000	9.7	39,600	11.6	1,627	2,625	3,991
	18	24	-	-	-	42	5.0	6.7	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
	24	24	-	-	-	48	5.9	5.9	-	-	-	24,000	7.0	40,000	11.7	46,000	13.5	1,693	2,730	4,150
3Unit	5	5	5	-	-	15	1.5	1.5	1.5	-	-	9,000	2.6	15,000	4.4	18,000	5.3	780	1,120	1,703
	5	5	7	-	-	17	1.5	1.5	2.1	-	-	10,200	3.0	17,000	5.0	20,400	6.0	780	1,190	1,809
	5	5	9	-	-	19	1.5	1.5	2.6	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	7	-	-	19	1.5	2.1	2.1	-	-	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022
	5	7	9	-	-	21	1.5	2.1	2.6	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	7	7	7	-	-	21	2.1	2.1	2.1	-	-	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235
	5	5	12	-	-	22	1.5	1.5	3.7	-	-	13,800	4.0	23,000	6.7	27,600	8.1	952	1,540	2,341
	7	7	9	-	-	23	2.1	2.1	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	9	9	-	-	23	1.5	2.6	2.6	-	-	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447
	5	7	12	-	-	24	1.5	2.1	3.5	-	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	15	-	-	25	1.5	1.5	4.4	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,064	1,715	2,607
	7	9	9	-	-	25	2.1	2.6	2.6	-	-	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	5	9	12	-	-	26	1.5	2.6	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	7	7	12	-	-	26	2.1	2.1	3.5	-	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	15	-	-	27	1.5	2.1	4.4	-	-	16,200	4.8	27,000	7.9	32,400	9.5	1,150	1,855	2,820
	9	9	9	-	-	27	2.6	2.6	2.6	-	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	7	9	12	-	-	28	2.1	2.6	3.5	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	18	-	-	28	1.5	1.5	5.3	-	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	9	15	-	-	29	1.5	2.6	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,237	1,995	3,032
	5	12	12	-	-	29	1.5	3.5	3.5	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	7	7	15	-	-	29	2.1	2.1	4.4	-	-	17,400	5.1	29,000	8.5	34,800	10.2	1,281	2,065	3,139
	5	7	18	-	-	30	1.5	2.1	5.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	9	9	12	-	-	30	2.6	2.6	3.5	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	9	15	-	-	31	2.0	2.6	4.3	-	-	18,000	5.3	30,000	8.8	36,000	10.6	1,324	2,135	3,245
	7	12	12	-	-	31	2.1	3.5	3.5	-	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	12	15	-	-	32	1.5	3.5	4.4	-	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	5	9	18	-	-	32	1.5	2.6	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	7	7	18	-	-	32	2.1	2.1	5.3	-	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	9	9	15	-	-	33	2.6	2.6	4.4	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,411	2,275	3,458
	9	12	12	-	-	33	2.6	3.5	3.5	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	9	18	-	-	34	2.1	2.6	5.3	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	12	15	-	-	34	2.1	3.5	4.4	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	24	-	-	34	1.5	1.5	7.0	-	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	12	18	-	-	35	1.5	3.5	5.3	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	15	15	-	-	35	1.5	4.4	4.4	-	-	21,000	6.2	35,000	10.3	42,000	12.3	1,541	2,485	3,777
	5	7	24	-	-	36	1.5	2.1	7.0	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	12	15	-	-	36	2.6	3.5	4.4	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	12	12	12	-	-	36	3.5	3.5	3.5	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	9	9	18	-	-	36	2.6	2.6	5.3	-	-	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	7	12	18	-	-	37	2.1	3.5	5.3	-	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	15	15	-	-	37	2.1	4.4	4.4	-	-	22,200	6.5	37,000	10.8	44,400	13.1	1,628	2,625	3,990
	5	9	24	-	-	38	1.5	2.6	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	15	18	-	-	38	1.5	4.4	5.3	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	7	7	24	-	-	38	2.1	2.1	7.0	-	-	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	9	12	18	-	-	39	2.6	3.4	5.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	15	-	-	39	2.6	4.3	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	15	-	-	39	3.4	3.4	4.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	24	-	-	40	2.0	2.5	6.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	18	-	-	40	2.0	4.2	5.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	24	-	-	41	1.4	3.3	6.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	18	-	-	41	1.4	4.9	4.9	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	18	-	-	42	3.2	3.2	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	24	-	-	42	2.4	2.4	6.4	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	18	-	-	42	2.4	4.0	4.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	15	-	-	42	3.2	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	18	-	-	43	1.8	4.7	4.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	24	-	-	43	1.8	3.1	6.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	15	24	-	-	44	1.3	3.8	6.1	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	18	-	-	45	2.2	4.5	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	24	-	-	45	2.2	3.0	6.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	15	18	-	-	45	3.0	3.7	4.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	15	-	-	45	3.7	3.7	3.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	24	-	-	46	1.7	3.7	5.8	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	18	24	-	-	47	1.2	4.3	5.7	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	15	24	-	-	48	2.1	3.5	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	18	18	-	-	48	2.8	4.2	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	24	-	-	48	2.8	2.8	5.6	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	15	18	-	-	48	3.5	3.5	4.2	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	18	24	-	-	49	1.6	4.1	5.5	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	18	24	-	-	51	2.0	4.0	5.3	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	15	18	18	-	-	51	3.3	4.0	4.0	-	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150

COMBINATION TABLE

Operation	Combination (kBtu/h)						Cooling														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	-	20	1.5	1.5	1.5	1.5	-	12,000	3.5	20,000	5.9	24,000	7.0	868	1,400	2,128
	5	5	5	7	-	22	1.5	1.5	1.5	2.1	-	13,200	3.9	22,000	6.4	26,400	7.7	955	1,540	2,341
	5	5	5	9	-	24	1.5	1.5	1.5	2.6	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	7	-	24	1.5	1.5	2.1	2.1	-	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554
	5	5	7	9	-	26	1.5	1.5	2.1	2.6	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	7	7	7	-	26	1.5	2.1	2.1	2.1	-	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767
	5	5	5	12	-	27	1.5	1.5	1.5	3.5	-	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	5	5	9	9	-	28	1.5	1.5	2.6	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	7	7	9	-	28	1.5	2.1	2.1	2.6	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	7	7	7	7	-	28	2.1	2.1	2.1	2.1	-	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979
	5	5	7	12	-	29	1.5	1.5	2.1	3.5	-	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	15	-	30	1.5	1.5	1.5	4.4	-	18,000	5.3	30,000	8.8	36,000	10.6	1,281	2,065	3,192
	5	7	9	9	-	30	1.5	2.1	2.6	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	7	7	7	9	-	30	2.1	2.1	2.1	2.6	-	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192
	5	5	9	12	-	31	1.5	1.5	2.6	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	7	7	12	-	31	1.5	2.1	2.1	3.5	-	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	7	15	-	32	1.5	1.5	2.1	4.4	-	19,200	5.6	32,000	9.4	38,400	11.2	1,367	2,205	3,352
	7	7	9	9	-	32	2.1	2.1	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	9	9	9	-	32	1.5	2.6	2.6	2.6	-	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	5	5	18	-	33	1.5	1.5	1.5	5.3	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	7	9	12	-	33	1.5	2.1	2.6	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	7	7	7	12	-	33	2.1	2.1	2.1	3.5	-	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	9	15	-	34	1.5	1.5	2.6	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	12	12	-	34	1.5	1.5	3.5	3.5	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	7	7	15	-	34	1.5	2.1	2.1	4.4	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	7	9	9	9	-	34	2.1	2.6	2.6	2.6	-	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	7	18	-	35	1.5	1.5	2.1	5.3	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	9	9	12	-	35	1.5	2.6	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	7	7	9	12	-	35	2.1	2.1	2.6	3.5	-	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	7	9	15	-	36	1.5	2.1	2.6	4.4	-	21,600	6.4	36,000	10.6	43,200	12.6	1,541	2,485	3,777
	5	7	12	12	-	36	1.5	2.1	3.5	3.5	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	7	7	7	15	-	36	2.1	2.1	2.1	4.4	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	9	9	9	9	-	36	2.6	2.6	2.6	2.6	-	21,600	6.3	36,000	10.6	43,200	12.6	1,562	2,520	3,831
	5	5	9	18	-	37	1.5	1.5	2.6	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	5	12	15	-	37	1.5	1.5	3.5	4.4	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	7	7	18	-	37	1.5	2.1	2.1	5.3	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	9	9	12	-	37	2.1	2.6	2.6	3.5	-	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	9	9	15	-	38	1.5	2.6	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	9	15	-	38	2.1	2.1	2.6	4.4	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	7	7	12	12	-	38	2.1	2.1	3.5	3.5	-	22,800	6.7	38,000	11.1	45,600	13.4	1,693	2,730	4,150
	5	5	5	24	-	39	1.4	1.4	1.4	6.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	18	-	39	1.4	2.0	2.6	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	15	-	39	1.4	2.0	3.4	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	12	-	39	2.6	2.6	2.6	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	18	-	39	2.0	2.0	2.0	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	15	-	40	2.0	2.5	2.5	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	12	-	40	2.0	2.5	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	24	-	41	1.4	1.4	1.9	6.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	12	15	-	41	1.4	2.5	3.3	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	12	12	-	41	1.4	3.3	3.3	3.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	18	-	41	1.9	1.9	2.5	4.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	15	-	41	1.9	1.9	3.3	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	15	15	-	42	1.3	1.9	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	15	-	42	2.4	2.4	2.4	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	12	-	42	2.4	2.4	3.2	3.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	15	-	43	1.8	2.3	3.1	3.9	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	12	-	43	1.8	3.1	3.1	3.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	18	-	43	1.8	2.3	2.3	4.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	15	15	-	44	1.3	2.3	3.8	3.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	18	-	44	1.8	1.8	3.1	4.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	15	15	-	44	1.8	1.8	3.8	3.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	18	15	-	45	1.2	1.7	4.5	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	15	-	45	2.2	2.2	3.0	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	12	12	-	45	2.2	3.0	3.0	3.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	18	-	45	2.2	2.2	2.2	4.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	24	-	45	1.7	1.7	1.7	6.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	18	-	46	1.7	2.2	2.9	4.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	15	15	-	46	1.7	2.2	3.7	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	15	-	46	1.7	2.9	2.9	3.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	18	18	-	46	1.2	1.2	4.4	4.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	12	18	-	47	1.2	2.9	2.9	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	24	-	47	1.7	1.7	2.1	5.7	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	15	18	-	47	1.7	1.7	3.6	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	15	18	-	47	1.2	2.1	3.6	4.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	12	15	15	-	47	1.2	2.9	3.6	3.6	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	15	15	-	48	2.1	2.1	3.5	3.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	18	18	-	48	1.2	1.6	4.2	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	12	12	12	12	-	48	2.8	2.8	2.8	2.8	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	12	18	-	48	2.1	2.1	2.8	4.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	15	24	-	49	1.1	1.1	3.4	5.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	15	15	-	49	1.6	2.7	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	12	12	18	-	49	1.6	2.7	2.7	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	15	18	-	49	1.6	2.1	3.4	4.1	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	24	-	49	1.6	2.1	2.1	5.5	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	18	18	-	50	1.1	2.0	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	15	15	15	-	50	1.1	3.4	3.4	3.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	24	-	50	1.6	1.6	2.7	5.4	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	18	18	-	50	1.6	1.6	4.0	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	15	24	-	51	1.1	1.5	3.3	5.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	15	18	-	51	2.0	2.0	3.3	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	12	18	-	51	2.0	2.6	2.6	4.0	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	24	-	51	2.0	2.0	2.0	5.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	12	15	15	-	51	2.0	2.6	3.3	3.3	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	18	24	-	52	1.1	1.1	3.9	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	24	-	52	1.5	1.9	2.6	5.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	15	15	15	-	52	1.5	3.2	3.2	3.2	-	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
5Unit	5	5	5	5	5	25	1.5	1.5	1.5	1.5	1.5	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660
	5	5	5	5	7	27	1.5	1.5	1.5	1.5	2.1	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873
	5	5	5	5	9	29	1.5	1.5	1.5	1.5	2.6	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	7	7	29	1.5	1.5	1.5	2.1	2.1	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086
	5	5	5	7	9	31	1.5	1.5	1.5	2.1	2.6	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	7	7	7	31	1.5	1.5	2.1	2.1	2.1	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299
	5	5	5	5	12	32	1.5	1.5	1.5	1.5	3.5	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405
	5	5	5	9	9	33	1.5	1.5	1.5	2.6	2.6	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	7	7	9	33	1.5	1.5	2.1	2.1	2.6	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Cooling													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	7	7	7	7	33	1.5	2.1	2.1	2.1	2.1	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512
	5	5	5	7	12	34	1.5	1.5	1.5	2.1	3.5	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618
	5	5	5	5	15	35	1.5	1.5	1.5	1.5	4.4	21,000	6.2	35,000	10.3	42,000	12.3	1,498	2,415	3,671
	5	7	7	7	9	35	1.5	2.1	2.1	2.1	2.6	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	7	7	7	7	7	35	2.1	2.1	2.1	2.1	2.1	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724
	5	5	5	9	12	36	1.5	1.5	1.5	2.6	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	5	5	7	7	12	36	1.5	1.5	2.1	2.1	3.5	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831
	5	5	5	7	15	37	1.5	1.5	1.5	2.1	4.4	22,200	6.4	37,000	10.8	44,400	13.0	1,584	2,555	3,884
	5	5	9	9	9	37	1.5	1.5	2.6	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	7	7	9	9	37	1.5	2.1	2.1	2.6	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	7	7	7	7	9	37	2.1	2.1	2.1	2.1	2.6	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937
	5	5	5	5	18	38	1.5	1.5	1.5	1.5	5.3	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	7	7	7	12	38	1.5	2.1	2.1	2.1	3.5	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044
	5	5	5	9	15	39	1.4	1.4	1.4	2.6	4.3	22,920	6.8	38,200	11.2	45,840	13.5	1,671	2,695	4,097
	5	5	5	12	12	39	1.4	1.4	1.4	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	15	39	1.4	1.4	2.0	2.0	4.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	9	39	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	9	39	1.4	2.0	2.6	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	7	18	40	1.4	1.4	1.4	2.0	5.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	12	40	1.4	1.4	2.5	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	12	40	1.4	2.0	2.0	2.5	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	12	40	2.0	2.0	2.0	2.0	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	9	15	41	1.4	1.4	1.9	2.5	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	7	15	41	1.4	1.9	1.9	1.9	4.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	9	41	1.4	2.5	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	9	41	1.9	1.9	2.5	2.5	2.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	9	18	42	1.3	1.3	1.3	2.4	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	12	15	42	1.3	1.3	1.3	3.2	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	18	42	1.3	1.3	1.9	1.9	4.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	12	42	1.3	1.9	2.4	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	12	42	1.9	1.9	1.9	2.4	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	15	43	1.3	1.3	2.3	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	15	43	1.3	1.8	1.8	2.3	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	12	12	43	1.3	1.8	1.8	3.1	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	15	43	1.8	1.8	1.8	1.8	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	9	43	1.8	2.3	2.3	2.3	2.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	12	15	44	1.3	1.3	1.8	3.1	3.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	5	24	44	1.3	1.3	1.3	1.3	6.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	7	18	44	1.3	1.8	1.8	1.8	4.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	12	44	1.3	2.3	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	12	44	1.8	1.8	2.3	2.3	3.1	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	12	18	45	1.2	1.2	1.2	3.0	4.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	15	15	45	1.2	1.2	1.2	3.7	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	15	45	1.2	1.7	2.2	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	12	12	45	1.2	1.7	2.2	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	15	45	1.7	1.7	1.7	2.2	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	12	45	1.7	1.7	1.7	3.0	3.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	9	45	2.2	2.2	2.2	2.2	2.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	7	24	46	1.2	1.2	1.2	1.7	5.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	9	18	46	1.2	1.2	2.2	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	12	15	46	1.2	1.2	2.2	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	12	12	12	46	1.2	1.2	2.9	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	9	18	46	1.2	1.7	1.7	2.2	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	12	15	46	1.2	1.7	1.7	2.9	3.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	18	46	1.7	1.7	1.7	1.7	4.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	12	46	1.7	2.2	2.2	2.2	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	15	15	47	1.2	1.2	1.7	3.6	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	15	47	1.2	2.1	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	12	12	47	1.2	2.1	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	15	47	1.7	1.7	2.1	2.1	3.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	12	12	47	1.7	1.7	2.1	2.9	2.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	9	24	48	1.2	1.2	1.2	2.1	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	5	15	18	48	1.2	1.2	1.2	3.5	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	7	24	48	1.2	1.2	1.6	1.6	5.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	9	18	48	1.2	1.6	2.1	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	12	15	48	1.2	1.6	2.1	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	12	12	48	1.2	1.6	2.8	2.8	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	15	48	1.6	1.6	1.6	2.8	3.5	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	12	48	2.1	2.1	2.1	2.1	2.8	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	9	18	48	1.6	1.6	1.6	2.1	4.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	15	15	49	1.1	1.1	2.1	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	15	15	49	1.1	1.6	1.6	3.4	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	15	49	1.6	2.1	2.1	2.1	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	12	12	49	1.6	2.1	2.1	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	9	24	50	1.1	1.1	1.6	2.0	5.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	7	15	18	50	1.1	1.1	1.6	3.4	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	9	9	18	50	1.1	2.0	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	9	12	12	12	50	1.1	2.0	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	12	12	12	50	1.6	1.6	2.7	2.7	2.7	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	9	18	50	1.6	1.6	2.0	2.0	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	9	12	15	50	1.6	1.6	2.0	2.7	3.4	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	9	15	15	51	1.1	1.5	2.0	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	12	12	15	51	1.1	1.5	2.6	2.6	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	15	15	51	1.5	1.5	1.5	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	15	51	2.0	2.0	2.0	2.0	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	12	12	51	2.0	2.0	2.0	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	12	18	51	1.5	1.5	1.5	2.6	4.0	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	15	15	51	1.5	1.5	1.5	3.3	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	9	9	9	9	15	51	2.0	2.0	2.0	2.0	3.3	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	9	15	18	52	1.1	1.1	1.9	3.2	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	5	12	15	15	52	1.1	1.1	2.6	3.2	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	5	7	7	15	18	52	1.1	1.5	1.5	3.2	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	12	15	52	1.5	1.9	1.9	2.6	3.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	12	12	12	52	1.5	1.9	2.6	2.6	2.6	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	9	9	9	18	52	1.5	1.9	1.9	1.9	3.9	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150
	7	7	7	7	24	52	1.5	1.5	1.5	1.5	5.2	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB / 2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB

3. The total ability of connected a indoor unit is up to 48kBtu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE

Operation	Combination (kBtu/h)						Heating													
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
1Unit	5	-	-	-	-	5	1.6	-	-	-	-	3,300	1.0	5,500	1.6	6,600	1.9	820	1,120	1,826
	7	-	-	-	-	7	2.3	-	-	-	-	4,620	1.4	7,700	2.3	9,240	2.7	820	1,120	1,826
	9	-	-	-	-	9	2.9	-	-	-	-	5,940	1.7	9,900	2.9	11,880	3.5	820	1,120	1,826
	12	-	-	-	-	12	3.9	-	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	15	-	-	-	-	15	4.2	-	-	-	-	11,040	2.5	18,400	4.2	22,080	5.0	871	1,190	1,940
	18	-	-	-	-	18	5.8	-	-	-	-	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
	24	-	-	-	-	24	7.7	-	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
2Unit	5	5	-	-	-	10	1.6	1.6	-	-	-	6,600	1.9	11,000	3.2	13,200	3.9	820	1,120	1,826
	5	7	-	-	-	12	1.6	2.3	-	-	-	7,920	2.3	13,200	3.9	15,840	4.6	820	1,120	1,826
	5	9	-	-	-	14	1.6	2.9	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	7	7	-	-	-	14	2.3	2.3	-	-	-	9,240	2.7	15,400	4.5	18,480	5.4	820	1,120	1,826
	7	9	-	-	-	16	2.3	2.9	-	-	-	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
	5	12	-	-	-	17	1.6	3.9	-	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	9	9	-	-	-	18	2.9	2.9	-	-	-	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
	7	12	-	-	-	19	2.3	3.9	-	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	15	-	-	-	20	1.6	4.8	-	-	-	13,200	3.9	22,000	6.4	26,400	7.8	868	1,400	2,282
	9	12	-	-	-	21	2.9	3.9	-	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	7	15	-	-	-	22	2.3	4.8	-	-	-	14,520	4.3	24,200	7.1	29,040	8.4	954	1,540	2,510
	5	18	-	-	-	23	1.6	5.8	-	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	9	15	-	-	-	24	2.9	4.8	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,020	1,645	2,681
	12	12	-	-	-	24	3.9	3.9	-	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	7	18	-	-	-	25	2.3	5.8	-	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	9	18	-	-	-	27	2.9	5.8	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	12	15	-	-	-	27	3.9	4.8	-	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,215	1,960	3,195
	5	24	-	-	-	29	1.6	7.7	-	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	12	18	-	-	-	30	3.9	5.8	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	15	15	-	-	-	30	4.8	4.8	-	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,324	2,135	3,480
	7	24	-	-	-	31	2.3	7.7	-	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	9	24	-	-	-	33	2.9	7.7	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	15	18	-	-	-	33	4.8	5.8	-	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,497	2,415	3,936
	18	18	-	-	-	36	5.8	5.8	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	12	24	-	-	-	36	3.9	7.7	-	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	15	24	-	-	-	39	4.8	7.7	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	18	24	-	-	-	42	5.4	7.2	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	24	24	-	-	-	48	6.3	6.3	-	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
3Unit	5	5	5	-	-	15	1.6	1.6	1.6	-	-	9,900	2.9	16,500	4.8	19,800	5.8	820	1,120	1,826
	5	5	7	-	-	17	1.6	1.6	2.3	-	-	11,220	3.3	18,700	5.5	22,440	6.6	820	1,190	1,940
	5	5	9	-	-	19	1.6	1.6	2.9	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	7	7	-	-	19	1.6	2.3	2.3	-	-	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
	5	7	9	-	-	21	1.6	2.3	2.9	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	7	7	7	-	-	21	2.3	2.3	2.3	-	-	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
	5	5	12	-	-	22	1.6	1.6	3.9	-	-	14,520	4.3	24,200	7.1	29,040	8.5	955	1,540	2,510
	7	7	9	-	-	23	2.3	2.3	2.9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	9	9	-	-	23	1.6	2.9	2.9	-	-	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
	5	7	12	-	-	24	1.6	2.3	3.9	-	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	15	-	-	25	1.6	1.6	4.8	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,064	1,715	2,795
	7	9	9	-	-	25	2.3	2.9	2.9	-	-	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	9	12	-	-	26	1.6	2.9	3.9	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	7	7	12	-	-	26	2.3	2.3	3.9	-	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	7	15	-	-	27	1.6	2.3	4.8	-	-	17,820	5.2	29,700	8.7	35,640	10.5	1,150	1,855	3,024
	9	9	9	-	-	27	2.9	2.9	2.9	-	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	7	9	12	-	-	28	2.3	2.9	3.9	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	5	18	-	-	28	1.6	1.6	5.8	-	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	9	15	-	-	29	1.6	2.9	4.8	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,237	1,995	3,252
	5	12	12	-	-	29	1.6	3.9	3.9	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	7	7	15	-	-	29	2.3	2.3	4.8	-	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	7	18	-	-	30	1.6	2.3	5.8	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	9	9	12	-	-	30	2.9	2.9	3.9	-	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	7	9	15	-	-	31	2.3	2.9	4.8	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	7	12	12	-	-	31	2.3	3.9	3.9	-	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	12	15	-	-	32	1.6	3.9	4.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	9	18	-	-	32	1.6	2.9	5.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	7	7	18	-	-	32	2.3	2.3	5.8	-	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	9	9	15	-	-	33	2.9	2.9	4.8	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	9	12	12	-	-	33	2.9	3.9	3.9	-	-	21,780	6.4	36,300	10.6	43,560	12.8	1,433	2,310	3,765
	7	9	18	-	-	34	2.3	2.9	5.8	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	12	15	-	-	34	2.3	3.9	4.8	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	24	-	-	34	1.6	1.6	7.7	-	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	12	18	-	-	35	1.6	3.9	5.8	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	15	15	-	-	35	1.6	4.8	4.8	-	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	7	24	-	-	36	1.6	2.3	7.7	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	12	15	-	-	36	2.9	3.9	4.8	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	12	12	12	-	-	36	3.9	3.9	3.9	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	9	18	-	-	36	2.9	2.9	5.8	-	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	12	18	-	-	37	2.3	3.9	5.8	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	15	15	-	-	37	2.3	4.8	4.8	-	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	24	-	-	38	1.6	2.9	7.7	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	15	18	-	-	38	1.6	4.8	5.8	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	24	-	-	38	2.3	2.3	7.7	-	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	9	12	18	-	-	39	2.9	3.9	5.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	15	-	-	39	2.9	4.8	4.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	15	-	-	39	3.9	3.9	4.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	24	-	-	40	2.2	2.8	7.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	18	-	-	40	2.2	4.7	5.6	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	24	-	-	41	1.5	3.7	7.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	18	18	-	-	41	1.5	5.5	5.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	18	-	-	42	3.6	3.6	5.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	24	-	-	42	2.7	2.7	7.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	18	-	-	42	2.7	4.5	5.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	15	15	-	-	42	3.6	4.5	4.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	18	18	-	-	43	2.0	5.2	5.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	24	-	-	43	2.0	3.5	7.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	15	24	-	-	44	1.4	4.3	6.8	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	18	18	-	-	45	2.5	5.0	5.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	24	-	-	45	2.5	3.3	6.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	15	18	-	-	45	3.3	4.2	5.0	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	15	15	-	-	45	4.2	4.2	4.2	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	24	-	-	46	1.9	4.1	6.5	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	18	24	-	-	47	1.3	4.8	6.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	15	24	-	-	48	2.3	3.9	6.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	18	18	-	-	48	3.1	4.7	4.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	24	-	-	48	3.1	3.1	6.3	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	15	18	-	-	48	3.9	3.9	4.7	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	18	24	-	-	49	1.8	4.6	6.1	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	18	24	-	-	51	2.2	4.4	5.9	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	15	18	18	-	-	51	3.7	4.4	4.4	-	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

COMBINATION TABLE

MU5M40 UO2

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
4Unit	5	5	5	5	-	20	1.7	1.7	1.7	1.7	-	13,860	4.1	23,100	6.8	27,720	8.1	868	1,400	2,282
	5	5	5	7	-	22	1.7	1.7	1.7	2.4	-	15,180	4.4	25,300	7.4	30,360	8.9	955	1,540	2,510
	5	5	5	9	-	24	1.6	1.6	1.6	2.9	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	7	-	24	1.6	1.6	2.3	2.3	-	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
	5	5	7	9	-	26	1.6	1.6	2.3	2.9	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	7	7	7	-	26	1.6	2.3	2.3	2.3	-	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
	5	5	5	12	-	27	1.6	1.6	1.6	3.9	-	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	9	9	-	28	1.6	1.6	2.9	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	7	7	9	-	28	1.6	2.3	2.3	2.9	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	7	7	7	7	-	28	2.3	2.3	2.3	2.3	-	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
	5	5	7	12	-	29	1.6	1.6	2.3	3.9	-	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	15	-	30	1.6	1.6	1.6	4.8	-	19,800	5.8	33,000	9.7	39,600	11.6	1,281	2,065	3,366
	5	7	9	9	-	30	1.6	2.3	2.9	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	7	7	7	9	-	30	2.3	2.3	2.3	2.9	-	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
	5	5	9	12	-	31	1.6	1.6	2.9	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	7	7	12	-	31	1.6	2.3	2.3	3.9	-	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	15	-	32	1.6	1.6	2.3	4.8	-	21,120	6.2	35,200	10.3	42,240	12.4	1,367	2,205	3,594
	7	7	9	9	-	32	2.3	2.3	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	9	9	9	-	32	1.6	2.9	2.9	2.9	-	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	18	-	33	1.6	1.6	1.6	5.8	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	7	9	12	-	33	1.6	2.3	2.9	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	7	7	7	12	-	33	2.3	2.3	2.3	3.9	-	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	9	15	-	34	1.6	1.6	2.9	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,454	2,345	3,822
	5	5	12	12	-	34	1.6	1.6	3.9	3.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	7	7	15	-	34	1.6	2.3	2.3	4.8	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	7	9	9	9	-	34	2.3	2.9	2.9	2.9	-	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	7	18	-	35	1.6	1.6	2.3	5.8	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	9	9	12	-	35	1.6	2.9	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	9	12	-	35	2.3	2.3	2.9	3.9	-	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	7	9	15	-	36	1.6	2.3	2.9	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,541	2,485	4,051
	5	7	12	12	-	36	1.6	2.3	3.9	3.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	7	7	7	15	-	36	2.3	2.3	2.3	4.8	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	9	9	9	9	-	36	2.9	2.9	2.9	2.9	-	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	9	18	-	37	1.6	1.6	2.9	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	12	15	-	37	1.6	1.6	3.9	4.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	18	-	37	1.6	2.3	2.3	5.8	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	9	9	12	-	37	2.3	2.9	2.9	3.9	-	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	9	9	15	-	38	1.6	2.9	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	9	15	-	38	2.3	2.3	2.9	4.8	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	7	7	12	12	-	38	2.3	2.3	3.9	3.9	-	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	24	-	39	1.6	1.6	1.6	7.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	18	-	39	1.6	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	15	-	39	1.6	2.2	3.9	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	-	39	2.9	2.9	2.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	18	-	39	2.2	2.2	2.2	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	15	-	40	2.2	2.8	2.8	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	12	-	40	2.2	2.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	24	-	41	1.5	1.5	2.1	7.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	12	15	-	41	1.5	2.7	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	12	-	41	1.5	3.7	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	18	-	41	2.1	2.1	2.7	5.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	15	-	41	2.1	2.1	3.7	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	15	-	42	1.5	2.1	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	15	-	42	2.7	2.7	2.7	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	12	-	42	2.7	2.7	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	15	-	43	2.0	2.6	3.5	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	12	-	43	2.0	3.5	3.5	3.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	18	-	43	2.0	2.6	2.6	5.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	15	-	44	1.4	2.6	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	18	-	44	2.0	2.0	3.4	5.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	15	-	44	2.0	2.0	4.3	4.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	15	-	45	1.4	1.9	5.0	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	15	-	45	2.5	2.5	3.3	4.2	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	12	-	45	2.5	3.3	3.3	3.3	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	18	-	45	2.5	2.5	2.5	5.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	24	-	45	1.9	1.9	1.9	6.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	18	-	46	1.9	2.4	3.3	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	15	-	46	1.9	2.4	4.1	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	15	-	46	1.9	3.3	3.3	4.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	18	-	46	1.4	1.4	4.9	4.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	12	18	-	47	1.3	3.2	3.2	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	24	-	47	1.9	1.9	2.4	6.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	15	18	-	47	1.9	1.9	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	15	18	-	47	1.3	2.4	4.0	4.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	12	15	15	-	47	1.3	3.2	4.0	4.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	15	-	48	2.3	2.3	3.9	3.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	18	18	-	48	1.3	1.8	4.7	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	12	12	12	12	-	48	3.1	3.1	3.1	3.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	12	18	-	48	2.3	2.3	3.1	4.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	15	24	-	49	1.3	1.3	3.8	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	15	18	-	49	1.8	2.3	3.8	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	12	18	-	49	1.8	3.1	3.1	4.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	12	15	15	-	49	1.8	3.1	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	24	-	49	1.8	2.3	2.3	6.1	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	18	18	-	50	1.3	2.3	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	15	15	15	-	50	1.3	3.8	3.8	3.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	24	-	50	1.8	1.8	3.0	6.0	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	18	18	-	50	1.8	1.8	4.5	4.5	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	15	24	-	51	1.2	1.7	3.7	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	15	18	-	51	2.2	2.2	3.7	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	12	18	-	51	2.2	2.9	2.9	4.4	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	24	-	51	2.2	2.2	2.2	5.9	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	12	15	15	-	51	2.2	2.9	3.7	3.7	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	18	24	-	52	1.2	1.2	4.3	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	24	-	52	1.7	2.2	2.9	5.8	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	15	15	15	-	52	1.7	3.6	3.6	3.6	-	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
5Unit	5	5	5	5	5	25	1.6	1.6	1.6	1.6	1.6	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
	5	5	5	5	7	27	1.6	1.6	1.6	1.6	2.3	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
	5	5	5	5	9	29	1.6	1.6	1.6	1.6	2.9	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	7	29	1.6	1.6	1.6	2.3	2.3	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
	5	5	5	7	9	31	1.6	1.6	1.6	2.3	2.9	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	7	7	7	31	1.6	1.6	2.3	2.3	2.3	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
	5	5	5	5	12	32	1.6	1.6	1.6	1.6	3.9	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
	5	5	5	9	9	33	1.6	1.6	1.6	2.9	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	7	7	9	33	1.6	1.6	2.3	2.3	2.9	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765

COMBINATION TABLE

Operation	Combination (kBtu/h)						Heating														
							Each Capacity (kW)					Total Capacity						Total Input (W)		
												Min		Rated		Max				
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Total	UNIT-A	UNIT-B	UNIT-C	UNIT-D	UNIT-E	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
5 Unit	5	7	7	7	7	33	1.6	2.3	2.3	2.3	2.3	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
	5	5	5	7	12	34	1.6	1.6	1.6	2.3	3.9	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
	5	5	5	5	15	35	1.6	1.6	1.6	1.6	4.8	23,100	6.8	38,500	11.3	46,200	13.5	1,498	2,415	3,936
	5	7	7	7	9	35	1.6	2.3	2.3	2.3	2.9	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	7	7	7	7	7	35	2.3	2.3	2.3	2.3	2.3	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
	5	5	5	9	12	36	1.6	1.6	1.6	2.9	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	7	7	12	36	1.6	1.6	2.3	2.3	3.9	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
	5	5	5	7	15	37	1.6	1.6	1.6	2.3	4.8	24,420	7.2	40,700	11.9	48,840	14.3	1,584	2,555	4,165
	5	5	9	9	9	37	1.6	1.6	2.9	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	7	7	9	9	37	1.6	2.3	2.3	2.9	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	7	7	7	7	9	37	2.3	2.3	2.3	2.3	2.9	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
	5	5	5	5	18	38	1.6	1.6	1.6	1.6	5.8	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	7	7	7	12	38	1.6	2.3	2.3	2.3	3.9	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
	5	5	5	9	15	39	1.6	1.6	1.6	2.9	4.8	25,620	7.5	42,700	12.5	51,240	15.0	1,695	2,735	4,458
	5	5	5	12	12	39	1.6	1.6	1.6	3.9	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	15	39	1.6	1.6	2.2	2.2	4.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	9	39	2.2	2.2	2.2	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	9	39	1.6	2.2	2.9	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	7	18	40	1.6	1.6	1.6	2.2	5.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	12	40	1.6	1.6	2.8	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	12	40	1.6	2.2	2.2	2.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	12	40	2.2	2.2	2.2	2.2	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	9	15	41	1.5	1.5	2.1	2.7	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	15	41	1.5	2.1	2.1	2.1	4.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	9	41	1.5	2.7	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	9	41	2.1	2.1	2.7	2.7	2.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	9	18	42	1.5	1.5	1.5	2.7	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	12	15	42	1.5	1.5	1.5	3.6	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	18	42	1.5	1.5	2.1	2.1	5.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	12	42	1.5	2.1	2.7	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	12	42	2.1	2.1	2.1	2.7	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	15	43	1.5	1.5	2.6	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	15	43	1.5	2.0	2.0	2.6	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	12	43	1.5	2.0	2.0	3.5	3.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	15	43	2.0	2.0	2.0	2.0	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	9	43	2.0	2.6	2.6	2.6	2.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	12	15	44	1.4	1.4	2.0	3.4	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	5	24	44	1.4	1.4	1.4	1.4	6.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	7	18	44	1.4	2.0	2.0	2.0	5.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	12	44	1.4	2.6	2.6	2.6	3.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	12	44	2.0	2.0	2.6	2.6	3.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	12	18	45	1.4	1.4	1.4	3.3	5.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	15	15	45	1.4	1.4	1.4	4.2	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	15	45	1.4	1.9	2.5	2.5	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	12	12	45	1.4	1.9	2.5	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	15	45	1.9	1.9	1.9	2.5	4.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	12	45	1.9	1.9	1.9	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	9	45	2.5	2.5	2.5	2.5	2.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	7	24	46	1.4	1.4	1.4	1.9	6.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	9	18	46	1.4	1.4	2.4	2.4	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	12	15	46	1.4	1.4	2.4	3.3	4.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	12	12	12	46	1.4	1.4	3.3	3.3	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	9	18	46	1.4	1.9	1.9	2.4	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	12	15	46	1.4	1.9	1.9	3.3	4.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	18	46	1.9	1.9	1.9	1.9	4.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	12	46	1.9	2.4	2.4	2.4	3.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	15	15	47	1.3	1.3	1.9	4.0	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	15	47	1.3	2.4	2.4	2.4	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	12	12	47	1.3	2.4	2.4	3.2	3.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	15	47	1.9	1.9	2.4	2.4	4.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	12	12	47	1.9	1.9	2.4	3.2	3.2	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	9	24	48	1.3	1.3	1.3	2.3	6.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	5	18	15	48	1.3	1.3	1.3	4.7	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	7	24	48	1.3	1.3	1.8	1.8	6.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	9	18	48	1.3	1.8	2.3	2.3	4.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	12	15	48	1.3	1.8	2.3	3.1	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	12	12	48	1.3	1.8	3.1	3.1	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	15	48	1.8	1.8	1.8	3.1	3.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	12	48	2.3	2.3	2.3	2.3	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	9	18	48	1.8	1.8	1.8	2.3	4.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	15	15	49	1.3	1.3	2.3	3.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	15	15	49	1.3	1.8	1.8	3.8	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	15	49	1.8	2.3	2.3	2.3	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	12	12	49	1.8	2.3	2.3	3.1	3.1	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	9	24	50	1.3	1.3	1.8	2.3	6.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	7	15	18	50	1.3	1.3	1.8	3.8	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	9	9	18	50	1.3	2.3	2.3	2.3	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	9	12	12	12	50	1.8	1.8	3.0	3.0	3.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	12	12	12	50	1.8	1.8	3.0	3.0	3.0	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	9	18	50	1.8	1.8	2.3	2.3	4.5	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	9	12	15	50	1.8	1.8	2.3	3.0	3.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	9	15	15	51	1.2	1.7	2.2	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	12	12	15	51	1.2	1.7	2.9	2.9	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	15	15	51	1.7	1.7	1.7	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	15	51	2.2	2.2	2.2	2.2	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	12	12	51	2.2	2.2	2.2	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	12	18	51	1.7	1.7	1.7	2.9	4.4	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	15	15	51	1.7	1.7	1.7	3.7	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	9	9	9	9	15	51	2.2	2.2	2.2	2.2	3.7	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	9	15	18	52	1.2	1.2	2.2	3.6	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	5	12	15	15	52	1.2	1.2	2.9	3.6	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	5	7	7	15	18	52	1.2	1.7	1.7	3.6	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	12	15	52	1.7	2.2	2.2	2.9	3.6	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	12	12	12	52	1.7	2.2	2.9	2.9	2.9	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	9	9	9	18	52	1.7	2.2	2.2	2.2	4.3	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
	7	7	7	7	24	52	1.7	1.7	1.7	1.7	5.8	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

Note :

1. Cooling Capacity is based on : indoor temp.27°CDB, 19°CWB ; outdoor temp. 35°CDB / 2. Heating Capacity is based on : indoor temp.20°CDB ; outdoor temp. 7°CDB, 6°CWB
3. The total ability of connected a indoor unit is up to 48kBtu/h / 4. At least two indoor units should be connected.

COMBINATION TABLE

FM40AH UO2

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,000	4.7	19,200	5.6	780	1,120	1,703	10,560	3.1	17,600	5.2	21,120	6.2	820	1,120	1,826
18	10,800	3.2	18,000	5.3	21,600	6.3	800	1,260	1,915	11,880	3.5	19,800	5.8	23,760	7.0	820	1,260	2,054
19	11,400	3.3	19,000	5.6	22,800	6.7	825	1,330	2,022	12,540	3.7	20,900	6.1	25,080	7.4	825	1,330	2,168
21	12,600	3.7	21,000	6.2	25,200	7.4	911	1,470	2,235	13,860	4.1	23,100	6.8	27,720	8.1	911	1,470	2,396
23	13,800	4.0	23,000	6.7	27,600	8.1	998	1,610	2,447	15,180	4.4	25,300	7.4	30,360	8.9	998	1,610	2,624
24	14,400	4.2	24,000	7.0	28,800	8.4	1,042	1,680	2,554	15,840	4.6	26,400	7.7	31,680	9.3	1,042	1,680	2,738
25	15,000	4.4	25,000	7.3	30,000	8.8	1,085	1,750	2,660	16,500	4.8	27,500	8.1	33,000	9.7	1,085	1,750	2,853
26	15,600	4.6	26,000	7.6	31,200	9.1	1,128	1,820	2,767	17,160	5.0	28,600	8.4	34,320	10.1	1,128	1,820	2,967
27	16,200	4.7	27,000	7.9	32,400	9.5	1,172	1,890	2,873	17,820	5.2	29,700	8.7	35,640	10.4	1,172	1,890	3,081
28	16,800	4.9	28,000	8.2	33,600	9.8	1,215	1,960	2,979	18,480	5.4	30,800	9.0	36,960	10.8	1,215	1,960	3,195
29	17,400	5.1	29,000	8.5	34,800	10.2	1,259	2,030	3,086	19,140	5.6	31,900	9.3	38,280	11.2	1,259	2,030	3,309
30	18,000	5.3	30,000	8.8	36,000	10.6	1,302	2,100	3,192	19,800	5.8	33,000	9.7	39,600	11.6	1,302	2,100	3,423
31	18,600	5.5	31,000	9.1	37,200	10.9	1,345	2,170	3,299	20,460	6.0	34,100	10.0	40,920	12.0	1,345	2,170	3,537
32	19,200	5.6	32,000	9.4	38,400	11.3	1,389	2,240	3,405	21,120	6.2	35,200	10.3	42,240	12.4	1,389	2,240	3,651
33	19,800	5.8	33,000	9.7	39,600	11.6	1,432	2,310	3,512	21,780	6.4	36,300	10.6	43,560	12.8	1,432	2,310	3,765
34	20,400	6.0	34,000	10.0	40,800	12.0	1,476	2,380	3,618	22,440	6.6	37,400	11.0	44,880	13.2	1,476	2,380	3,879
35	21,000	6.2	35,000	10.3	42,000	12.3	1,519	2,450	3,724	23,100	6.8	38,500	11.3	46,200	13.5	1,519	2,450	3,994
36	21,600	6.3	36,000	10.6	43,200	12.7	1,562	2,520	3,831	23,760	7.0	39,600	11.6	47,520	13.9	1,562	2,520	4,108
37	22,200	6.5	37,000	10.8	44,400	13.0	1,606	2,590	3,937	24,420	7.2	40,700	11.9	48,840	14.3	1,606	2,590	4,222
38	22,800	6.7	38,000	11.1	45,600	13.4	1,649	2,660	4,044	25,080	7.4	41,800	12.3	50,160	14.7	1,649	2,660	4,336
39	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
40	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
41	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
42	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
43	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
44	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
45	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
46	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
47	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
48	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
49	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
50	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
51	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
52	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
53	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450
54	22,920	6.7	38,200	11.2	46,000	13.5	1,693	2,730	4,150	25,620	7.5	42,700	12.5	51,200	15.0	1,742	2,810	4,450

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 16~52 kBtu/h(40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,745
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,712	16.9	2,211	3,365	4,802
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,324	17.1	2,246	3,417	4,859
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,936	17.3	2,299	3,498	4,917
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,548	17.5	2,352	3,579	4,974
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	60,159	17.6	2,406	3,660	5,031
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,771	17.8	2,459	3,741	5,088
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,383	18.0	2,512	3,822	5,145
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,995	18.2	2,566	3,903	5,202
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,607	18.3	2,579	3,924	5,259
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	63,219	18.5	2,593	3,944	5,316
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,831	18.7	2,606	3,964	5,373
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,443	18.9	2,619	3,985	5,430
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	65,054	19.1	2,633	4,005	5,487
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,666	19.2	2,646	4,025	5,544
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	66,278	19.4	2,659	4,046	5,601
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,890	19.6	2,673	4,066	5,658
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	67,502	19.8	2,686	4,086	5,715
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	68,114	20.0	2,699	4,107	5,772
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

Note :
1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB
2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB
3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.
4.Total capacity index of indoor unit should be within 19~62k Btu/h(40%~130%)
5.At least two indoor units should be connected.

COMBINATION TABLE

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

Note :

1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB

2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB

3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

4.Total capacity index of indoor unit should be within 23~73 kBtu/h(40%~130%)

5.At least two indoor units should be connected.

COMBINATION TABLE

FM48AH U32

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
16	9,600	2.8	16,955	5.0	18,513	5.4	800	844	1,279	10,752	3	21,633	6	25,188	7	890	1,066	1,162
18	10,500	3.1	17,759	5.2	19,707	5.8	833	899	1,347	11,760	3	22,407	7	25,913	8	931	1,116	1,258
19	11,400	3.3	18,563	5.4	20,900	6.1	866	953	1,415	12,768	4	23,182	7	26,637	8	972	1,166	1,354
20	12,000	3.5	19,367	5.7	21,741	6.4	898	1,008	1,483	13,440	4	23,956	7	27,362	8	1,013	1,216	1,450
21	12,600	3.7	20,171	5.9	22,582	6.6	931	1,063	1,550	14,112	4	24,731	7	28,087	8	1,055	1,265	1,547
22	13,200	3.9	20,975	6.1	23,423	6.9	964	1,117	1,618	14,784	4	25,505	7	28,811	8	1,096	1,315	1,643
23	13,800	4.0	21,779	6.4	24,264	7.1	997	1,172	1,686	15,456	5	26,279	8	29,536	9	1,137	1,365	1,739
24	14,400	4.2	22,583	6.6	25,105	7.4	1,029	1,227	1,754	16,023	5	27,054	8	30,261	9	1,178	1,415	1,835
25	15,000	4.4	23,387	6.9	25,946	7.6	1,062	1,281	1,822	16,590	5	27,828	8	30,985	9	1,219	1,465	1,931
26	15,600	4.6	24,191	7.1	26,787	7.9	1,095	1,336	1,890	17,157	5	28,602	8	31,710	9	1,260	1,515	2,027
27	16,200	4.7	24,995	7.3	27,628	8.1	1,128	1,391	1,958	17,724	5	29,377	9	32,434	10	1,301	1,564	2,124
28	16,800	4.9	25,799	7.6	28,469	8.3	1,160	1,445	2,026	18,290	5	30,151	9	33,159	10	1,342	1,614	2,220
29	17,400	5.1	26,603	7.8	29,310	8.6	1,193	1,500	2,093	18,857	6	30,926	9	33,884	10	1,384	1,664	2,316
30	18,000	5.3	27,407	8.0	30,151	8.8	1,226	1,555	2,161	19,424	6	31,700	9	34,608	10	1,425	1,714	2,412
31	18,600	5.5	28,211	8.3	30,992	9.1	1,259	1,610	2,229	19,991	6	32,474	10	35,333	10	1,466	1,764	2,508
32	19,200	5.6	29,015	8.5	31,833	9.3	1,291	1,664	2,297	20,558	6	33,249	10	36,058	11	1,507	1,814	2,604
33	19,800	5.8	29,819	8.7	32,674	9.6	1,324	1,719	2,365	21,125	6	34,023	10	36,782	11	1,548	1,863	2,701
34	20,400	6.0	30,622	9.0	33,515	9.8	1,357	1,774	2,433	21,692	6	34,797	10	37,507	11	1,589	1,913	2,797
35	21,000	6.2	31,426	9.2	34,355	10.1	1,390	1,828	2,501	22,259	7	35,572	10	38,232	11	1,630	1,963	2,893
36	21,600	6.3	32,230	9.4	35,196	10.3	1,422	1,883	2,568	22,825	7	36,346	11	38,956	11	1,672	2,013	2,989
37	22,200	6.5	33,034	9.7	36,037	10.6	1,455	1,938	2,636	23,392	7	37,121	11	39,681	12	1,713	2,063	3,085
38	22,800	6.7	33,838	9.9	36,878	10.8	1,488	1,992	2,704	23,959	7	37,895	11	40,406	12	1,754	2,113	3,181
39	23,400	6.9	34,642	10.2	37,719	11.1	1,521	2,047	2,772	24,526	7	38,669	11	41,130	12	1,795	2,162	3,278
40	24,000	7.0	35,446	10.4	38,560	11.3	1,553	2,102	2,840	25,093	7	39,444	12	41,855	12	1,836	2,212	3,374
41	24,600	7.2	36,250	10.6	39,401	11.5	1,586	2,156	2,908	25,660	8	40,218	12	42,580	12	1,877	2,262	3,470
42	25,200	7.4	37,154	10.9	40,242	11.8	1,619	2,211	2,976	26,227	8	40,992	12	43,304	13	1,918	2,312	3,566
43	25,800	7.6	37,692	11.0	41,083	12.0	1,652	2,237	3,043	26,794	8	41,236	12	44,029	13	1,960	2,345	3,662
44	26,400	7.7	38,413	11.3	41,924	12.3	1,684	2,262	3,111	27,360	8	41,480	12	44,754	13	2,001	2,377	3,758
45	27,000	7.9	39,134	11.5	42,765	12.5	1,717	2,288	3,179	27,927	8	41,724	12	45,478	13	2,042	2,410	3,855
46	27,600	8.1	39,400	11.5	43,606	12.8	1,750	2,313	3,247	28,494	8	41,968	12	46,203	14	2,083	2,442	3,951
47	28,200	8.3	40,019	11.7	44,447	13.0	1,783	2,339	3,315	29,061	9	42,212	12	46,927	14	2,124	2,475	4,047
48	28,800	8.4	40,740	11.9	45,288	13.3	1,815	2,364	3,383	29,628	9	42,456	12	47,652	14	2,165	2,507	4,143
49	29,400	8.6	41,300	12.1	46,129	13.5	1,848	2,390	3,451	30,195	9	42,700	13	48,377	14	2,206	2,540	4,239
50	30,000	8.8	41,440	12.1	46,503	13.6	1,881	2,416	3,519	30,762	9	42,870	13	49,101	14	2,247	2,573	4,335
51	30,600	9.0	41,580	12.2	46,877	13.7	1,914	2,442	3,586	31,329	9	43,040	13	49,826	15	2,289	2,606	4,432
52	31,200	9.1	41,720	12.2	47,252	13.8	1,946	2,468	3,654	31,896	9	43,210	13	50,551	15	2,330	2,639	4,528
53	31,800	9.3	41,860	12.3	47,626	14.0	1,979	2,494	3,722	32,462	10	43,380	13	51,275	15	2,371	2,672	4,624
54	32,400	9.5	42,000	12.3	48,000	14.1	2,012	2,520	3,790	33,029	10	43,550	13	52,000	15	2,412	2,705	4,720

Note :

1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB

2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB

3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

4.Total capacity index of indoor unit should be within 16~54k Btu/h(40%~130%)

5.At least two indoor units should be connected.

COMBINATION TABLE

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Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
19	11,400	3.3	18,535	5.4	20,900	6.1	840	1,222	1,665	12,768	3.7	23,088	6.8	27,365	8.0	1,300	1,728	2,470
20	12,000	3.5	19,510	5.7	22,000	6.4	880	1,282	1,746	13,440	3.9	24,303	7.1	28,482	8.3	1,348	1,863	2,663
21	12,600	3.7	20,486	6.0	23,100	6.8	920	1,341	1,827	14,112	4.1	25,518	7.5	29,600	8.7	1,395	1,997	2,855
22	13,200	3.9	21,461	6.3	24,200	7.1	960	1,401	1,908	14,784	4.3	26,733	7.8	30,869	9.0	1,443	2,132	3,048
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	57,100	16.7	2,174	3,308	4,743
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	57,677	16.9	2,211	3,365	4,797
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,253	17.1	2,246	3,417	4,851
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,830	17.2	2,299	3,498	4,906
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,406	17.4	2,352	3,579	4,960
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,983	17.6	2,406	3,660	5,014
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,735	16.0	60,559	17.7	2,459	3,741	5,069
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	54,870	16.1	61,136	17.9	2,512	3,822	5,123
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,005	16.1	61,712	18.1	2,566	3,903	5,177
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,140	16.2	62,289	18.3	2,579	3,924	5,232
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	55,275	16.2	62,866	18.4	2,593	3,944	5,286
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	55,410	16.2	63,442	18.6	2,606	3,964	5,341
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	55,545	16.3	64,019	18.8	2,619	3,985	5,395
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	55,680	16.3	64,595	18.9	2,633	4,005	5,449
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	55,815	16.4	65,172	19.1	2,646	4,025	5,504
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	55,950	16.4	65,748	19.3	2,659	4,046	5,558
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	56,085	16.4	66,325	19.4	2,673	4,066	5,612
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	56,220	16.5	66,901	19.6	2,686	4,086	5,667
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	56,355	16.5	67,478	19.8	2,699	4,107	5,721
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	56,500	16.6	59,000	17.3	2,734	4,160	5,170

Note :

1.Cooling Capacity is based on : indoor temp.27°C DB, 19°CWB; outdoor temp. 35°C DB

2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB

3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

4.Total capacity index of indoor unit should be within 19~62k Btu/h(40%~130%)

5.At least two indoor units should be connected.

COMBINATION TABLE

FM57AH U32

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			Heating Capacity						Input (W)		
	Min		Rated		Max					Min		Rated		Max				
	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rated	Max
23	13,800	4.0	22,437	6.6	25,300	7.4	1,000	1,460	1,989	15,456	4.5	27,948	8.2	32,138	9.4	1,490	2,267	3,240
24	14,400	4.2	23,412	6.9	25,705	7.5	1,085	1,520	2,071	16,023	4.7	28,973	8.5	33,407	9.8	1,579	2,402	3,433
25	15,000	4.4	24,388	7.1	26,776	7.8	1,128	1,579	2,152	16,590	4.9	29,998	8.8	34,676	10.2	1,626	2,473	3,535
26	15,600	4.6	25,363	7.4	27,847	8.2	1,170	1,639	2,233	17,157	5.0	31,024	9.1	35,945	10.5	1,672	2,544	3,637
27	16,200	4.7	26,339	7.7	28,918	8.5	1,213	1,698	2,314	17,724	5.2	32,049	9.4	37,214	10.9	1,719	2,616	3,739
28	16,800	4.9	27,314	8.0	29,989	8.8	1,256	1,758	2,395	18,290	5.4	33,074	9.7	38,483	11.3	1,766	2,687	3,842
29	17,400	5.1	28,290	8.3	31,060	9.1	1,298	1,817	2,476	18,857	5.5	34,099	10.0	39,752	11.7	1,813	2,759	3,944
30	18,000	5.3	29,265	8.6	32,131	9.4	1,355	1,897	2,584	19,424	5.7	35,124	10.3	41,021	12.0	1,860	2,830	4,046
31	18,600	5.5	30,241	8.9	33,202	9.7	1,412	1,976	2,693	19,991	5.9	36,149	10.6	42,290	12.4	1,907	2,902	4,148
32	19,200	5.6	31,216	9.1	34,273	10.0	1,468	2,056	2,801	20,558	6.0	37,174	10.9	43,560	12.8	1,954	2,973	4,250
33	19,800	5.8	32,192	9.4	35,344	10.4	1,525	2,135	2,909	21,125	6.2	38,199	11.2	44,648	13.1	1,973	3,001	4,290
34	20,400	6.0	33,167	9.7	36,415	10.7	1,582	2,215	3,018	21,692	6.4	39,224	11.5	45,736	13.4	1,991	3,029	4,330
35	21,000	6.2	34,143	10.0	37,486	11.0	1,639	2,294	3,126	22,259	6.5	40,249	11.8	46,824	13.7	2,009	3,057	4,370
36	21,600	6.3	35,118	10.3	38,557	11.3	1,696	2,374	3,235	22,825	6.7	41,274	12.1	47,912	14.0	2,028	3,085	4,409
37	22,200	6.5	36,094	10.6	39,628	11.6	1,752	2,453	3,343	23,392	6.9	42,299	12.4	49,000	14.4	2,046	3,112	4,449
38	22,800	6.7	37,069	10.9	40,699	11.9	1,809	2,533	3,451	23,959	7.0	43,324	12.7	50,286	14.7	2,064	3,140	4,489
39	23,400	6.9	38,045	11.2	41,770	12.2	1,866	2,613	3,560	24,526	7.2	44,349	13.0	51,572	15.1	2,082	3,168	4,529
40	24,000	7.0	39,020	11.4	42,841	12.6	1,923	2,692	3,668	25,093	7.4	45,374	13.3	52,858	15.5	2,101	3,196	4,569
41	24,600	7.2	39,996	11.7	43,912	12.9	1,980	2,772	3,776	25,660	7.5	46,399	13.6	54,144	15.9	2,119	3,224	4,609
42	25,200	7.4	40,971	12.0	44,983	13.2	2,037	2,851	3,885	26,227	7.7	47,425	13.9	55,430	16.2	2,137	3,252	4,648
43	25,800	7.6	41,947	12.3	46,054	13.5	2,093	2,931	3,993	26,794	7.9	48,450	14.2	56,716	16.6	2,156	3,280	4,688
44	26,400	7.7	42,922	12.6	47,125	13.8	2,122	2,971	4,047	27,360	8.0	49,475	14.5	58,000	17.0	2,174	3,308	4,728
45	27,000	7.9	43,898	12.9	48,196	14.1	2,150	3,010	4,102	27,927	8.2	50,500	14.8	58,292	17.1	2,211	3,365	4,812
46	27,600	8.1	44,873	13.2	49,268	14.4	2,179	3,050	4,156	28,494	8.4	51,525	15.1	58,584	17.2	2,246	3,417	4,884
47	28,200	8.3	45,849	13.4	50,339	14.8	2,207	3,090	4,210	29,061	8.5	52,550	15.4	58,876	17.3	2,299	3,498	5,000
48	28,800	8.4	46,824	13.7	51,410	15.1	2,236	3,130	4,265	29,628	8.7	53,575	15.7	59,168	17.3	2,352	3,579	5,116
49	29,400	8.6	47,800	14.0	52,481	15.4	2,264	3,170	4,319	30,195	8.8	54,600	16.0	59,460	17.4	2,406	3,660	5,232
50	30,000	8.8	48,164	14.1	52,881	15.5	2,299	3,219	4,373	30,762	9.0	54,943	16.1	59,750	17.5	2,459	3,741	5,348
51	30,600	9.0	48,529	14.2	53,281	15.6	2,335	3,269	4,428	31,329	9.2	55,286	16.2	60,375	17.7	2,512	3,822	5,464
52	31,200	9.1	48,893	14.3	53,680	15.7	2,370	3,318	4,482	31,896	9.3	55,629	16.3	61,000	17.9	2,566	3,903	5,580
53	31,800	9.3	49,257	14.4	54,080	15.9	2,405	3,367	4,537	32,462	9.5	55,971	16.4	61,176	17.9	2,579	3,924	5,609
54	32,400	9.5	49,621	14.5	54,480	16.0	2,440	3,416	4,591	33,029	9.7	56,314	16.5	61,353	18.0	2,593	3,944	5,638
55	33,000	9.7	49,986	14.6	54,880	16.1	2,476	3,466	4,645	33,596	9.8	56,657	16.6	61,529	18.0	2,606	3,964	5,667
56	33,600	9.8	50,350	14.8	55,280	16.2	2,511	3,515	4,700	34,163	10.0	57,000	16.7	61,706	18.1	2,619	3,985	5,696
57	34,200	10.0	50,714	14.9	55,680	16.3	2,546	3,564	4,754	34,730	10.2	57,343	16.8	61,882	18.1	2,633	4,005	5,725
58	34,800	10.2	51,079	15.0	56,080	16.4	2,581	3,614	4,808	35,297	10.3	57,686	16.9	62,059	18.2	2,646	4,025	5,754
59	35,400	10.4	51,443	15.1	56,480	16.6	2,616	3,663	4,863	35,864	10.5	58,029	17.0	62,235	18.2	2,659	4,046	5,783
60	36,000	10.6	51,807	15.2	56,880	16.7	2,652	3,712	4,917	36,431	10.7	58,371	17.1	62,412	18.3	2,673	4,066	5,812
61	36,600	10.7	52,171	15.3	57,280	16.8	2,687	3,761	4,971	36,997	10.8	58,714	17.2	62,588	18.3	2,686	4,086	5,841
62	37,200	10.9	52,536	15.4	57,680	16.9	2,722	3,811	5,026	37,564	11.0	59,057	17.3	62,765	18.4	2,699	4,107	5,870
63	37,800	11.1	52,900	15.5	58,080	17.0	2,757	3,860	5,080	38,131	11.2	59,400	17.4	62,941	18.4	2,734	4,160	5,900
64	38,400	11.3	53,264	15.6	58,592	17.2	2,776	3,887	5,158	38,698	11.3	59,636	17.5	63,047	18.5	2,726	4,147	5,929
65	39,000	11.4	53,628	15.7	59,104	17.3	2,795	3,913	5,236	39,265	11.5	59,872	17.5	63,153	18.5	2,739	4,168	5,958
66	39,600	11.6	53,992	15.8	59,616	17.5	2,814	3,940	5,314	39,832	11.7	60,108	17.6	63,259	18.5	2,753	4,188	5,987
67	40,200	11.8	54,356	15.9	60,128	17.6	2,833	3,966	5,392	40,399	11.8	60,344	17.7	63,365	18.6	2,766	4,208	6,016
68	40,800	12.0	54,720	16.0	60,640	17.8	2,852	3,993	5,470	40,966	12.0	60,580	17.8	63,471	18.6	2,780	4,229	6,045
69	41,400	12.1	55,084	16.1	61,152	17.9	2,871	4,019	5,548	41,532	12.2	60,816	17.8	63,576	18.6	2,793	4,249	6,074
70	42,000	12.3	55,448	16.3	61,664	18.1	2,890	4,046	5,626	42,099	12.3	61,052	17.9	63,682	18.7	2,806	4,269	6,103
71	42,600	12.5	55,812	16.4	62,176	18.2	2,909	4,072	5,704	42,666	12.5	61,288	18.0	63,788	18.7	2,820	4,290	6,132
72	43,200	12.7	56,176	16.5	62,688	18.4	2,928	4,099	5,782	43,233	12.7	61,524	18.0	63,894	18.7	2,833	4,310	6,161
73	43,800	12.8	56,540	16.6	63,200	18.5	2,947	4,126	5,860	43,800	12.8	61,760	18.1	64,000	18.8	2,846	4,330	6,190

Note :

1.Cooling Capacity is based on : indoor temp.27°C DB, 19°C WB; outdoor temp. 35°C DB

2.Heating Capacity is based on : indoor temp.20°C DB; outdoor temp. 7°C DB, 6°C WB

3.The rated capacities above show the rise in the total indoor unit capacity when operating frequency is constant.
Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

4.Total capacity index of indoor unit should be within 23~73k Btu/h(40%~130%)

5.At least two indoor units should be connected.

MEMO

LG Electronics Introduction

LG Electronics is a total heating, ventilation and air conditioning (HVAC) and energy solution company, providing a full lineup of products including Residential Air Conditioning (RAC), System Air Conditioning (SAC), CHILLER, Building Management Systems (BMS) around the world.

Residential Air Conditioner

System Air Conditioner

Chiller

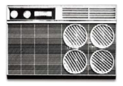
Company Milestone

LG's consistent efforts in innovation have made LG Air Conditioning and Energy Solution a true global leader in HVAC businesses.

1958
Founded as GoldStar

GoldStar

1968
Manufactured Korea's first air conditioner



1985
Maufactured Korea's first inverter air conditioner

1990
Produced first rotary compressor

1995
Changed company name to LG Electronics

2001
Introduced world's first picture frame air conditioner

2004
Achieved world's highest annual sales in air conditioners of 10 million units

2008
Reached total global sales of 100 million air conditioner units for the first time in the industry

2009
Structured as an independent business unit as part of LG Electronics' reorganization

2010
Established lighting business to provide total HVAC and energy solution worldwide

2011
LG started production of chillers and large-sized Air conditioning systems