

2025

DUCTED & CASSETTE AIR CONDITIONER



LG Electronics

www.lge.com/au
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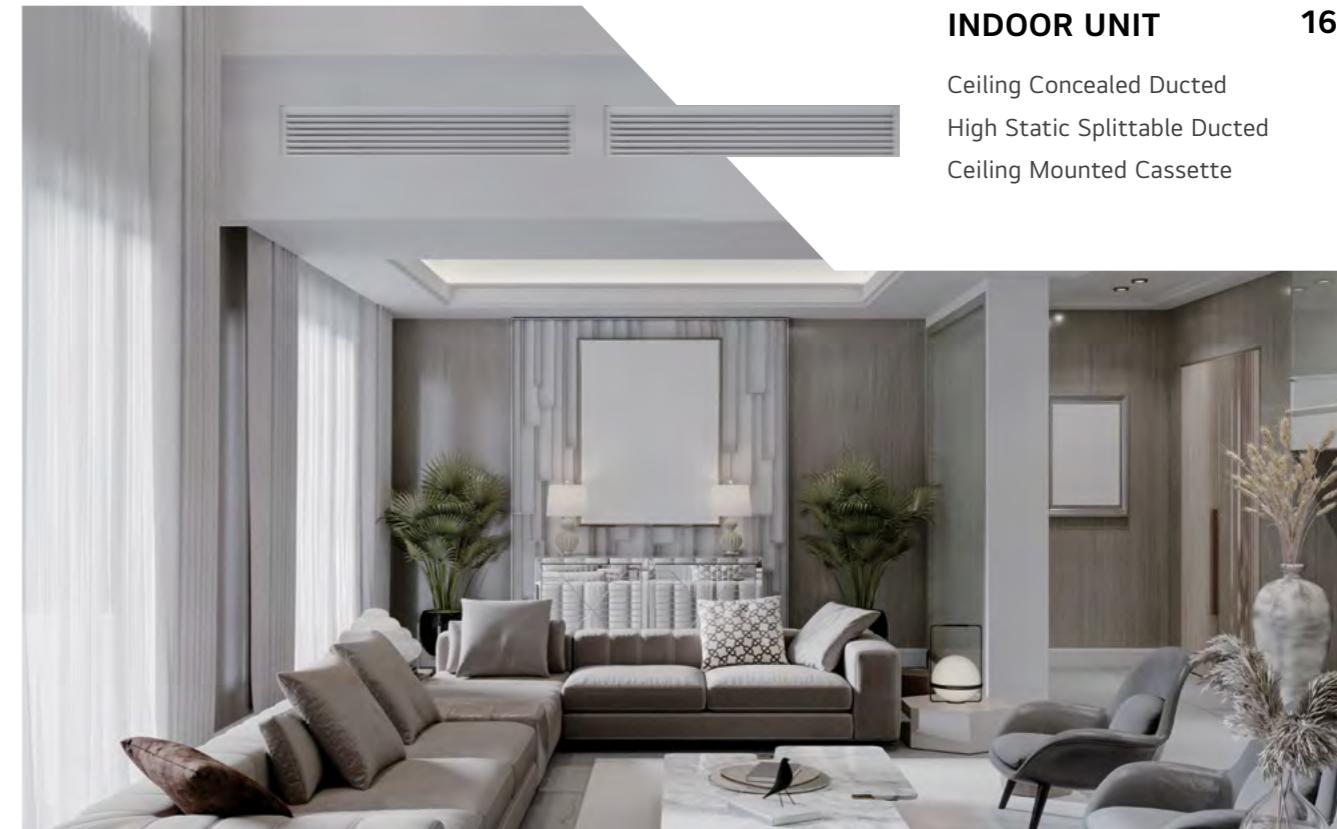


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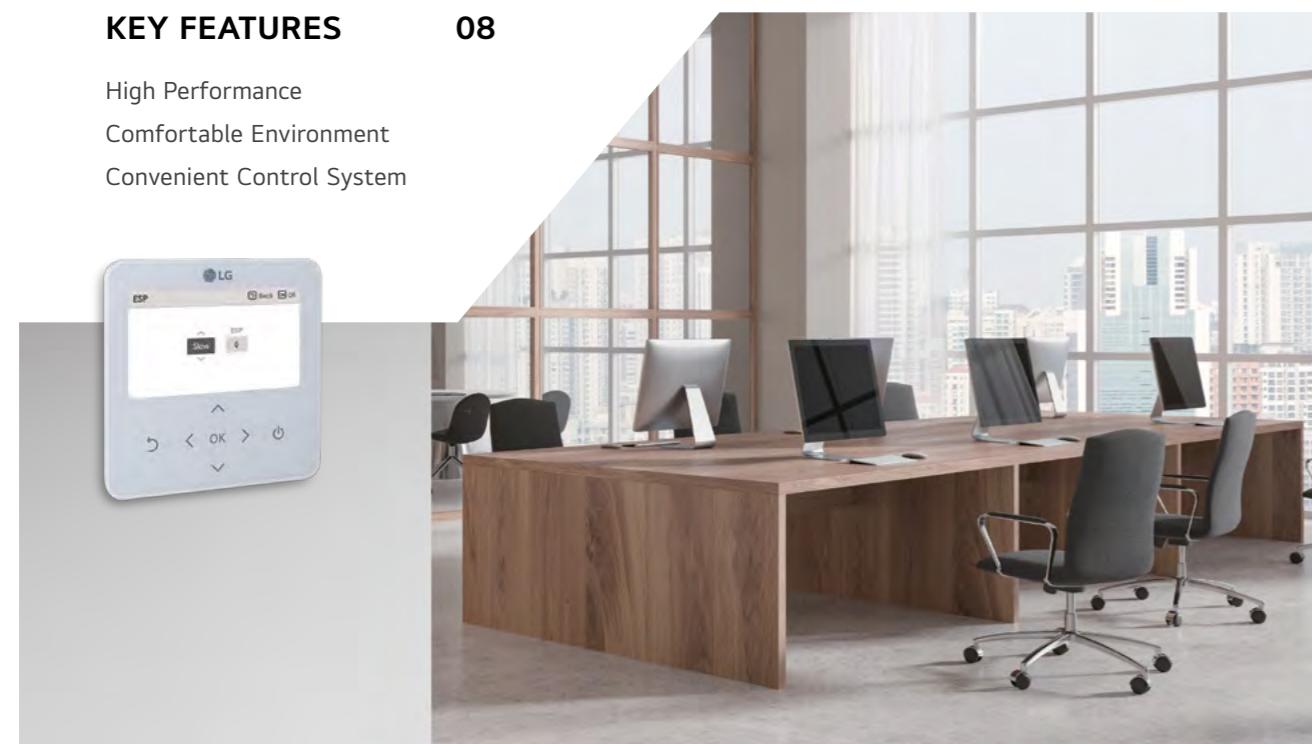
INTRODUCTION 04

Highlights of LG Single Split
Line-up & Feature Overview



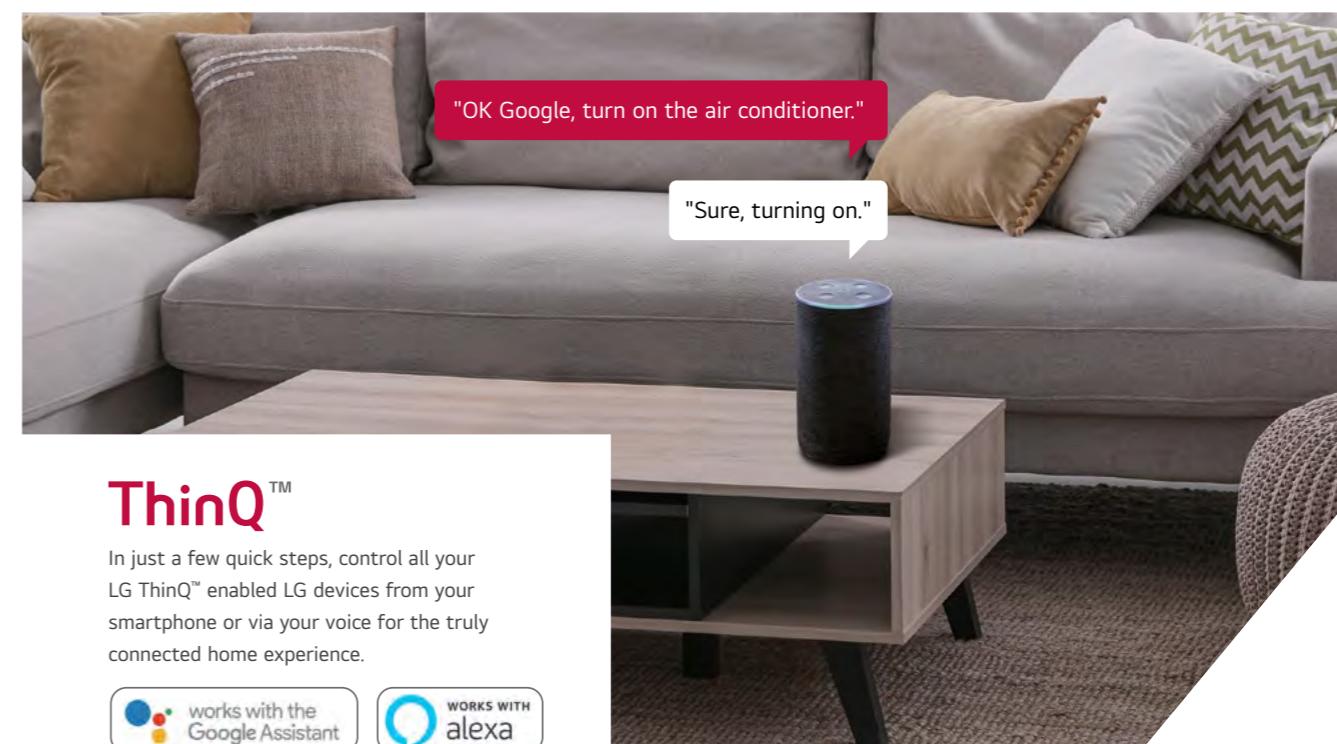
INDOOR UNIT 16

Ceiling Concealed Ducted
High Static Splittable Ducted
Ceiling Mounted Cassette



KEY FEATURES 08

High Performance
Comfortable Environment
Convenient Control System



ThinQ™

In just a few quick steps, control all your LG ThinQ™ enabled LG devices from your smartphone or via your voice for the truly connected home experience.



HIGHLIGHTS OF LG SINGLE SPLIT



R1Compressor™

R1 Compressor is one that combines high-efficiency and the simple compressing structure.

- Assuring Higher Durability
- Lower Noise
- Lower Vibration
- Improved Reliability & Performance



01

Twin Rotary Inverter Compressor

Twin Rotary Inverter Compressor consists of stable and optimised structures with low vibration and low noise characteristic

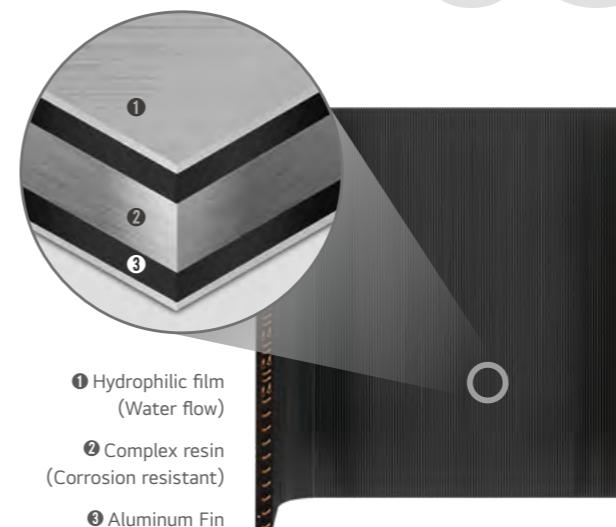
- Twin Rotor
- Refrigerant Cycle Optimisation
- Surface Coating
- Concentric Motor



02

Black Fin

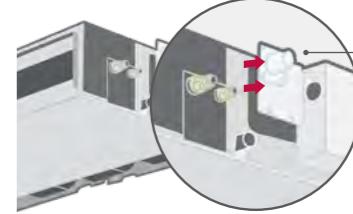
Longer Lifespan, Lower Maintenance Costs



03

Drain Pump

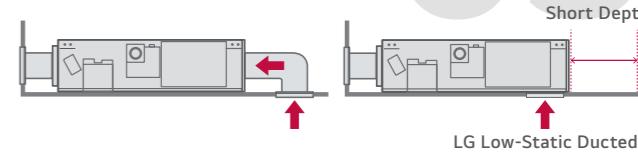
LG's low to mid-static ducted units have a built in drain pump.



04

Short Depth for Flexible Installation

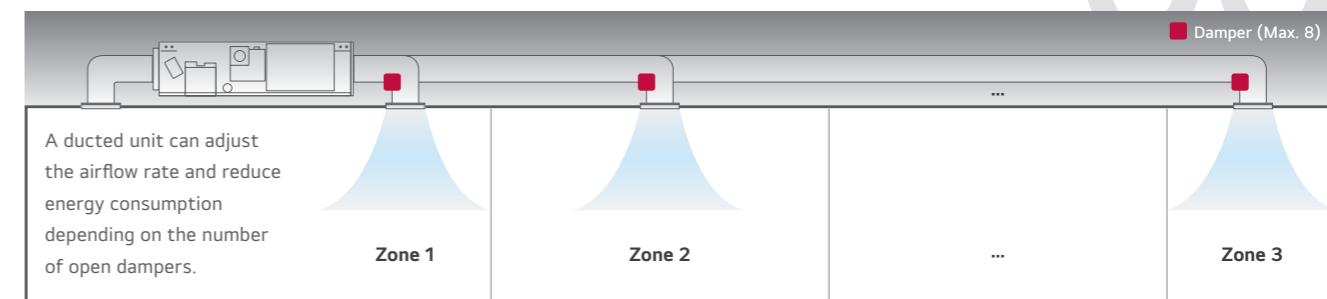
Short depth of the Low Static ducted unit provides flexibility when there is limited space in the ceiling.



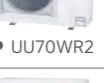
05

AUTO External Static Pressure + Zone Control (On/Off)

High Static Ducted unit can control airflow depending on the number of opening dampers.
(Plug & Play (24V) PBZD80)



06

SINGLE SPLIT									
Refrigerant	Cooling kW	kBtu/h	Outdoor Unit		Ceiling Mounted Cassette	Ceiling Concealed Ducted			
			1ph			Low Static	Mid Static	High Static	
			Ceiling Mounted Cassette	3ph		High Static	High Static	High Static Splittable (1ph / 3ph)	
R32	2.5	9			● UBN25L5				
	3.4	12			● UBN35L5				
	5.0	18			●(UBN50L6)				
	6.8	24			● UTN70PB		● UMN70M1		
	8.5	30			● UTN85PB		● UMN85M1	● UHN85B7	
	9.5 ~ 10.5	36			● UTN100MA		● UMN100M2	● UHN100B7	
	12.3 ~ 12.5	42			● UTN125MA		● UMN125M2	● UHN125B7	
	13.8 ~ 14	48			● UTN140MA		● UMN140M3	● UHN140M3S (1ph / 3ph)	
	15 ~ 15.2	55					● UHN150B7	● UHN150M3S (1ph / 3ph)	
	18.0	62					● B62AWYN9L6 (3ph)		
R410A	20.0	70					● B70AWYN9L6 (3ph)		

CATEGORY	DUCTED										
	CASSETTE										
	R32					R410A					
Cooling kW	2.5	3.4	5.0	6.8	8.5	9.5-10.5	12.3-12.5	13.8-14	15-15.2	18.0	20.0
Inverter Scroll											
High Performance & Reliability	●	●	●	●	●	●	●	●	●	●	
Twin Rotary Compressor	●	●	●	●	●	●	●	●	●	●	
Corrision resistance Black Fin	●	●	●	●	●	●	●	●	●	●	
Gold Fin										●	●
Long Pipe Installation	●	●	●	●	●	●	●	●	●	●	
LG ThinQ*	●	●	●	●	●	●	●	●	●	●	
Easy control (PI-485 Connection)	●	●	●	●	●	●	●	●	●	●	
Wi Fi Optional Accessory	●	●	●	●	●	●	●	●	●	●	
Mobile LG MV Optional Accessory	●	●	●	●	●	●	●	●	●	●	
Zone Control** (Open/Close) Optional Accessory						●	●	●	●	●	
Drain Pump In built Low -Mid static	●	●	●	●	●	●	●	●	●	●	
Drain Pump Optional Accessory High Static						●	●	●	●	●	
Auto ESP Setting Mid- High static						●	●	●	●	●	
Comfort Environment	Comfort Cooling with Humidity sensor***										
Night Operation	●	●	●	●	●	●	●	●	●	●	
Additional Application	Synchro function^										
Quality Air	UV nano Filter Box+										
	●	●	●	●	●	●	●	●	●	●	
Air Purification kit++						●	●	●	●	●	
Convenient Feature	Humidity sensing+										
Floor Sensing++	●	●	●	●	●	●	●	●	●	●	
Human Detect sensing++						●	●	●	●	●	
Dual Sensing+++	●	●	●	●	●	●	●	●	●	●	

* Available with LG Wi-Fi modem (PWFMD200) and it should be connected to the indoor unit

** With controller PREMTB101 / PREMTA000

*** Available only for Ceiling Mounted cassette (840 x 840)

**** Available except for Wall Mounted Unit

^ Cassette Optional Accessory needed

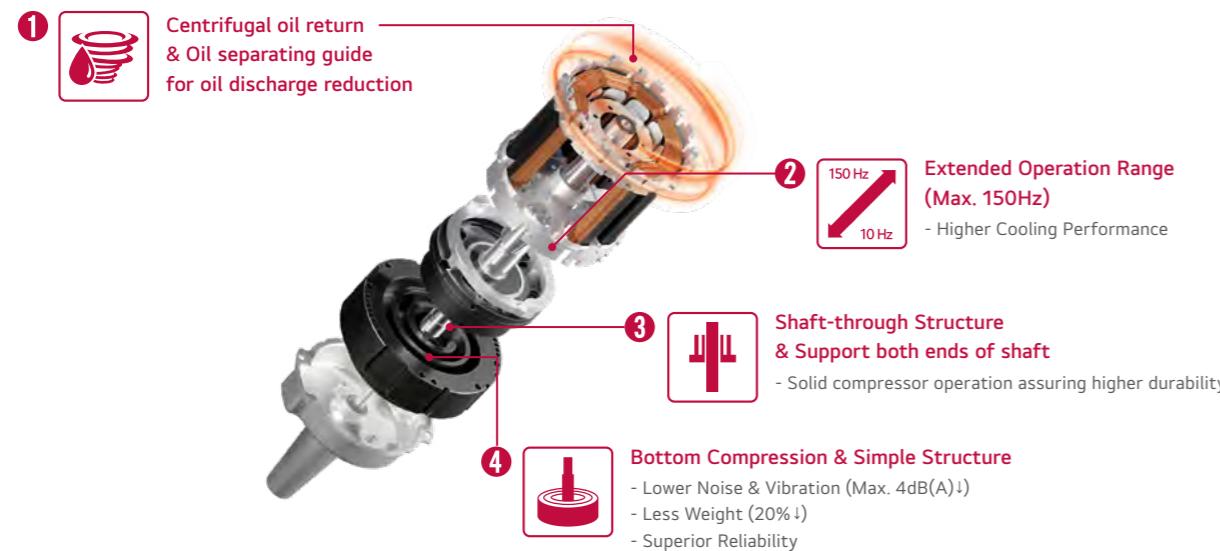
++ Weekly program is available with wired remote controller

+++ Cassette embeded feature, Ducted PREMTB101 / PREMTA000 needed

^ Outdoor unit based, refer page 19

R1Compressor™

R1 Compressor is one that combines high-efficiency, low sound characteristics of the scroll and the simple compressing structure of the rotary compressor. This technology enables a highly efficient compact model.



Conventional Compressor

Scroll
High efficiency / Low sound (Continuous compression, but complex structure)



Compression part (Upper)
Motor
Sub-frame
Oil

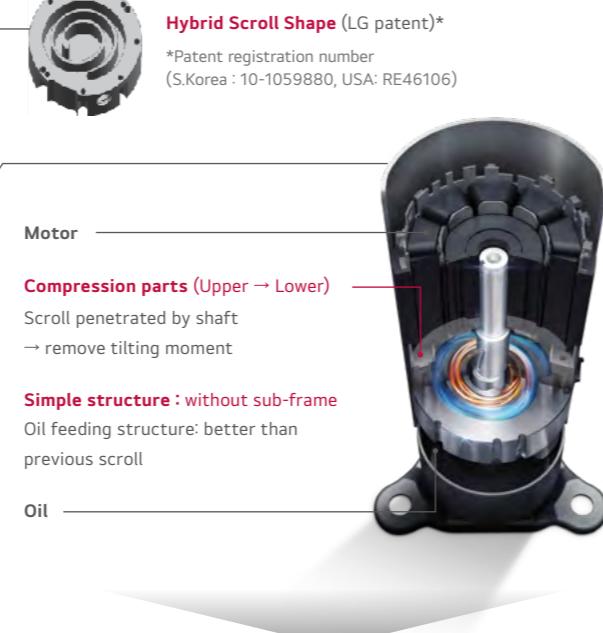
Rotary
Simple structure (Compression per 1 rotation)



Compression part (Lower)
Motor
Oil
Compression part

R1Compressor™

Revolutionary Scroll
High efficiency / Stable & Simple Structure



Extended operation (Max. 150Hz)
Low noise & Vibration (Max. 4dB(A))
Less weight (20%)

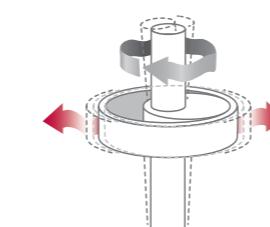
Twin Rotary Inverter Compressor

Twin Rotary Inverter Compressor consists of stable and optimised structures with low vibration and low noise characteristics.



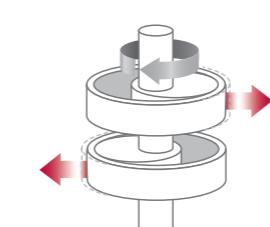
Twin Rotor

Single Rotor



- Unstable Rotation
- High Noise
- High Vibration

Twin Rotor



- Stable Rotation
- Low Noise
- Low Vibration

Refrigerant Cycle Optimisation

Discharge Pipe



- Length Optimisation
- Reduced Oil Discharge
- Improved Reliability

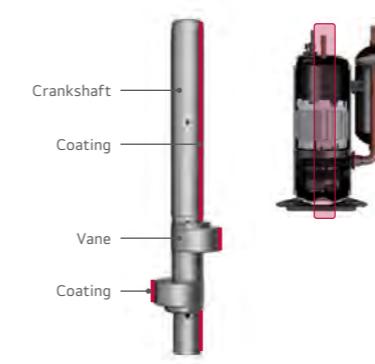
Suction Pipe



- Path Optimisation
- Enhanced Oil Collection
- Improved Reliability

Surface Coating

- High Abrasion Resistance



Concentric Motor

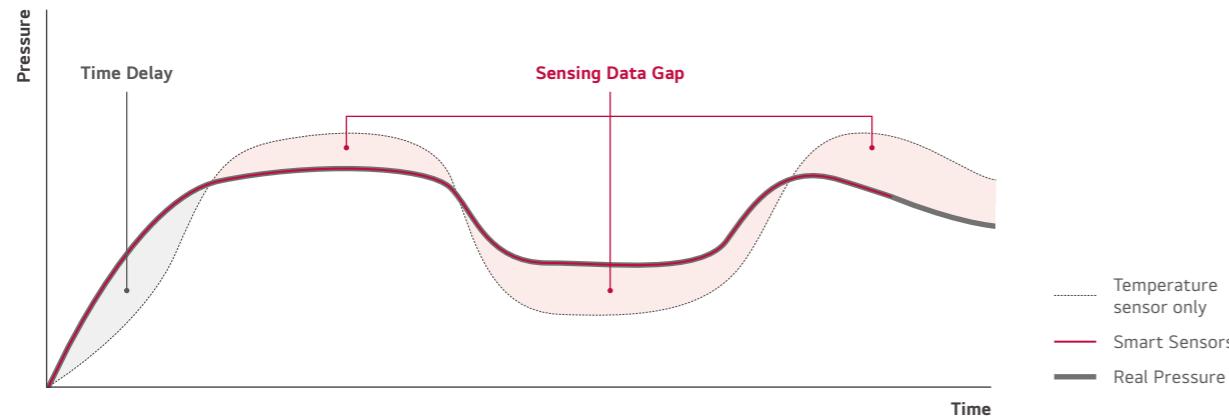
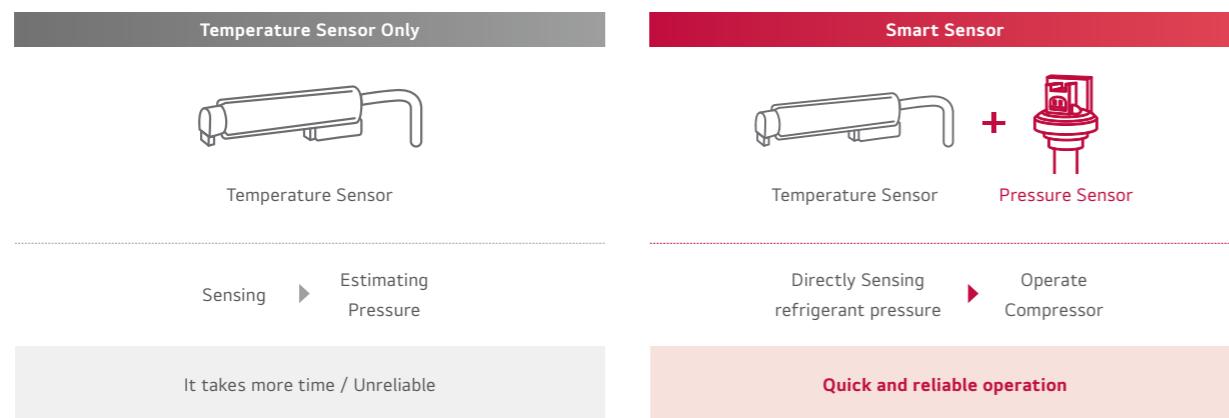
- Increased Stator Cavity
- Improved Oil Path Area
- Reduced Calorific Value



Quick & Reliable Operation

Through pressure and temperature sensing, the desired indoor temperature can be reached more rapidly.

- Quick response due to directly sensing refrigerant pressure.
- Target performance point is reached while avoiding compressor damage from liquid compression or oil shortage.

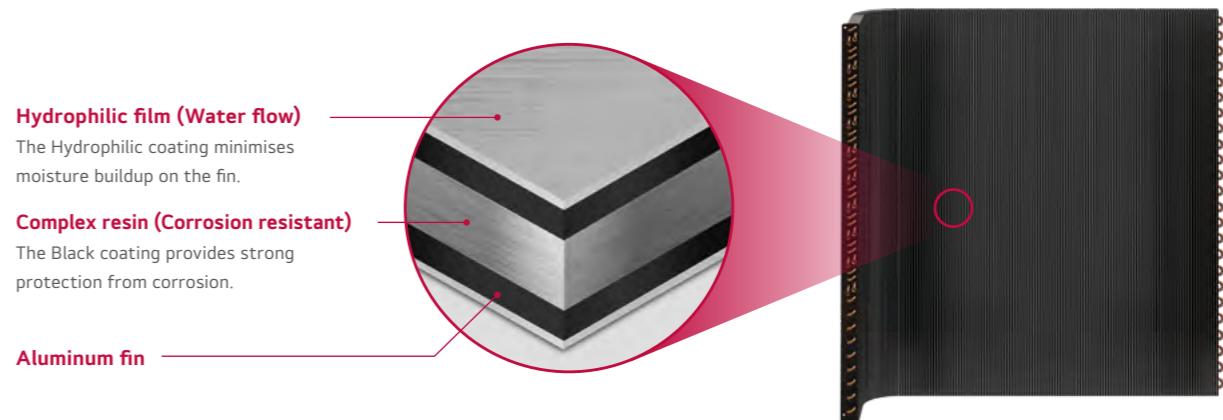


- With pressure sensing, the desired temperature is achieved in 30% less time in cooling and 44% in heating.

Corrosion Resistance Black Fin

The black coating with enhanced epoxy resin is applied for strong protection from various corrosive external conditions such as salt contamination and air pollution including fumes from factories.

Longer Lifespan, Lower Maintenance Costs



※ Direct exposure to sea wind must be avoided. If direct exposure cannot be avoided, then a solid windbreak such as concrete (150% Width & Height) must be built 70cm distance from the outdoor unit.

※ Periodic cleaning of the dust or salt particles on the heat exchange is necessary. Clean with water at least once every 6 months.

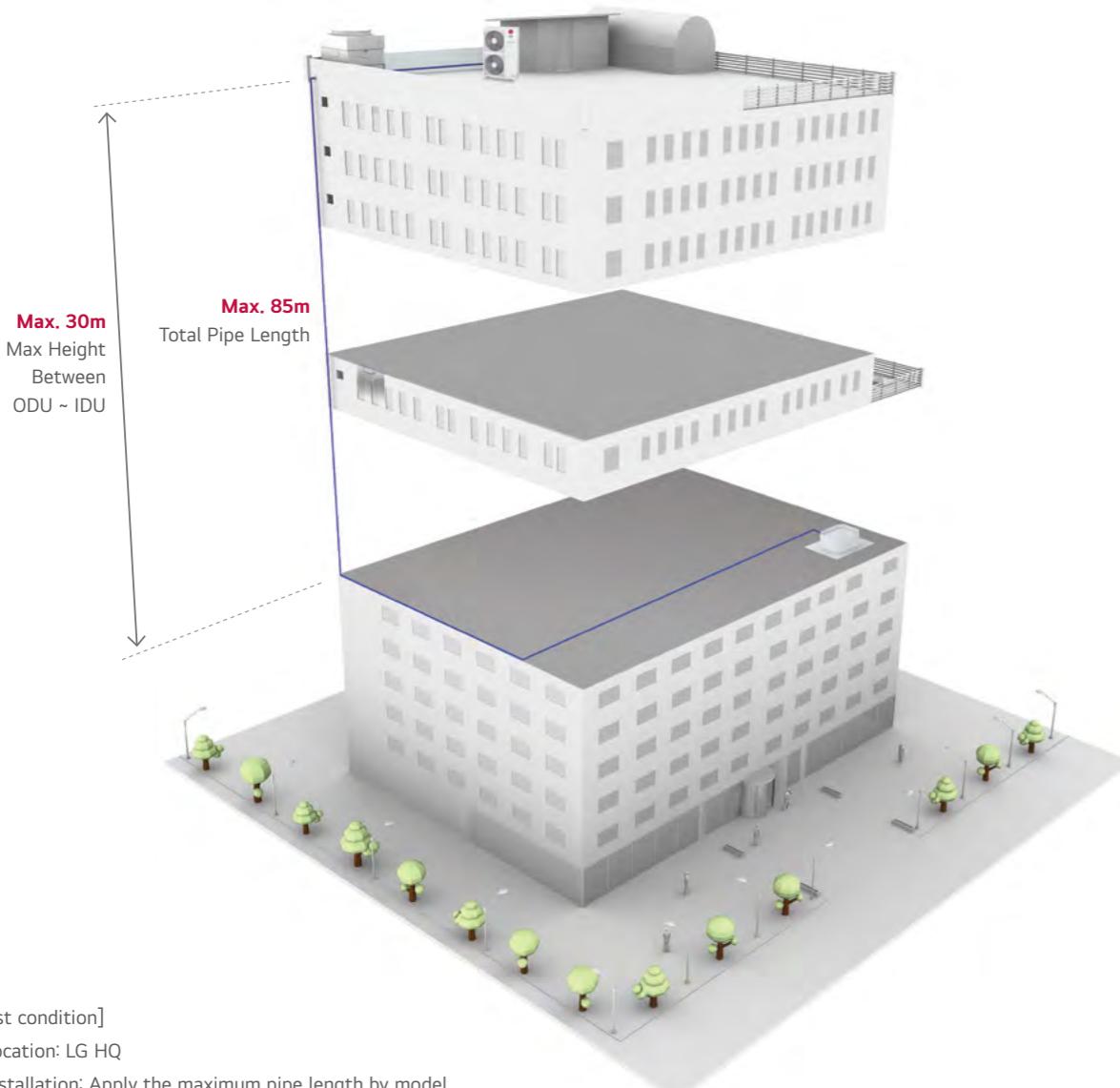
Verified Protection



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

Long Pipe Installation

Maximum pipe length up to 85m and elevation length up to 30m provides flexibility for various conditions and easy installation.



Capacity (kW)	2.5	3.5	5.0	7.0	8.5	10.0	12.5	14.0	15.0
Maximum pipe length	30 m	30 m	30 m	50 m	50 m	85 m	85 m	85 m	85 m
Maximum Height Difference (ODU-IDU)	30 m								

Night Operation

Night Operation can reduce noise levels at night time by simply setting the dip switch on the PCB of the outdoor unit.



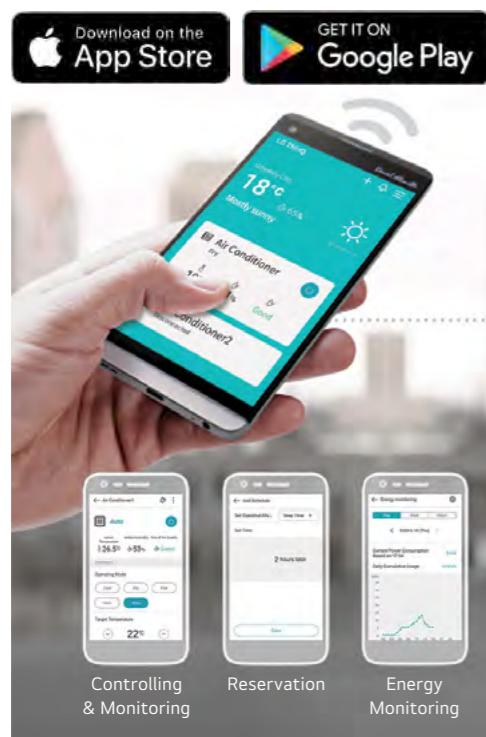
Easy Control (Central Controller)

PI-485 is a gateway device that provides communication between LG Outdoor Units and LG central controllers such as ACP, AC Smart.



ThinQ™

Users can control air conditioners using compatible Android or iOS-enabled smartphones and voice commands via Google Assistant and Amazon Alexa. #



Access your air conditioner anytime and from anywhere



Simple operation for various functions

- Air Purify*
- On / Off*
- Mode Selection*
- Current temperature*
- Set temperature*
- Set fan speed*
- Vane Control

* This functions are used by Google Assistant*

※ Search "ThinQ" on Google or Apple store then download the app.

※ Wi-Fi modem (PWFMD200) is required. (sold separately)

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

※ LG ThinQ™ app available on Android or iOS smartphones. Compatible smartphone with Android 4.1.2 (Jellybean) or later or iOS 9 or later required for LG ThinQ™ app.

Product registration using LG Smart ThinQ™, Google Assistant, Amazon Alexa™ apps required. Google or Amazon Accounts (as applicable) needed. Internet connection, data usage charges and conditions apply. Controlling devices and features requires compatible smart devices not included with the product. Google is a trademark of Google LLC. Amazon, Alexa and all related logos are trademarks of Amazon.com Inc. or its affiliates.

Mobile LGMV

LGMV (Monitoring View) helps engineers to inspect and monitor air conditioning unit easily.



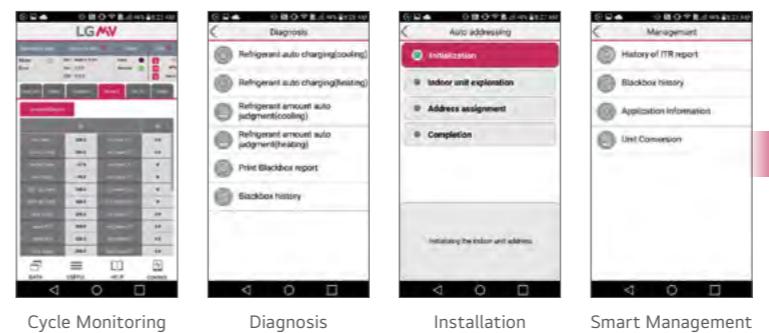
Error Indicator

Contents	
01	Air temperature sensor of indoor unit
02	Inlet pipe temperature sensor of indoor unit
03	Communication error: Wired Remote Controller ↔ Indoor Unit
...	

A technician not only can check the cycle information with diagrams & graphs, but also easily check the error status (Troubleshooting guide) and take action immediately.

※ Search "Mobile LGMV" on Google or Apple store then download the app.

※ LGMV Module is required by option.



Trouble Diagnosis (Black Box Function)

The operation status is recorded until a malfunction occurs.

The Service engineers can analyse the malfunction during maintenance.

Traditional Diagnosis

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

Too much effort is required to diagnose the source of trouble



LG Black Box Function

Service engineer can diagnose malfunction causes using recorded data.

Save time & improve accuracy of malfunction diagnosis



The operation status has been recorded up to 3minutes before failure.



Service engineer can check recorded data through smartphone when Wi-Fi module is installed in outdoor unit.

CEILING CONCEALED DUCTED

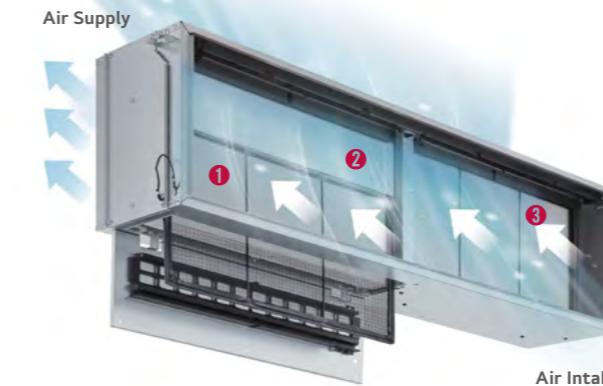


UVnano™ Filter Box (Optional Accessory*)

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

*Sold separately, only applicable to Mid Static UMN models

Air Purification Operation



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

2) Based on KCL (Korea Conformity Laboratories) test conducted in compliance with ISO 16890



Certificate



Certified Test Report

The built-in UV LED module of tested model (PBM13M3UA0) has over 99.99% sterilization performance on average to bacteria at measuring points of the Pre-Filter under the proposed test condition.

※ Tested by TUV Rheinland Standard



Certified Test Report

The built-in UV LED module of tested model (PBM13M3UA0) has 99.99% sterilization performance to virus (*Phi X 174*) at measuring points of the Pre-Filter under the proposed test condition.

※ Tested by TUV Rheinland Standard

ePM1 65% Filter

ePM₁ 65% Filtering capability rating in accordance with ISO 16890

Certified Test Report



Comparison of Filter Classes

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

** Tested by KCL (Korea Conformity Laboratories)

※ ISO 16890 Standard provides lab evaluation procedures which more realistically simulate actual operating conditions, replacing EN 779 Standard's filter classes G1-F9 by a classification system based on particulate groups PM1, PM2.5 and PM10.

※ Unlike EN 779 Standard which specifies Filter Classes, ISO 16890 Standard classifies according to Filter Groups, evaluating a filter's performance by its arrestance of particles from 0.3µm to 10µm in size. Filter Group PM1 comprises particulate sizes ≤ 1.0µm, PM2.5 includes particulates sizes ≤ 2.5µm and PM10 covers particulate sizes ≤ 10µm.

※ Minimum efficiency is defined as the efficiency achieved following electrostatic discharge of the filter before testing.

※ Average efficiency is calculated by averaging the filter's efficiencies in the untreated state (before electrostatic discharge) and in the discharged state.

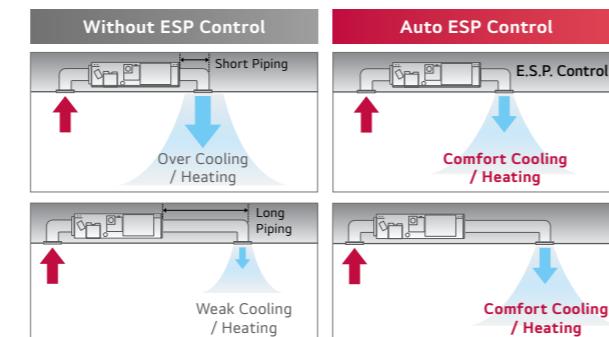
Auto E.S.P. (External Static Pressure) Setting

E.S.P. control function enables control of air volume easily with a remote controller. The BLDC motor can control fan speed and air volume.

Set RPM by simple touch on remote control to change airflow



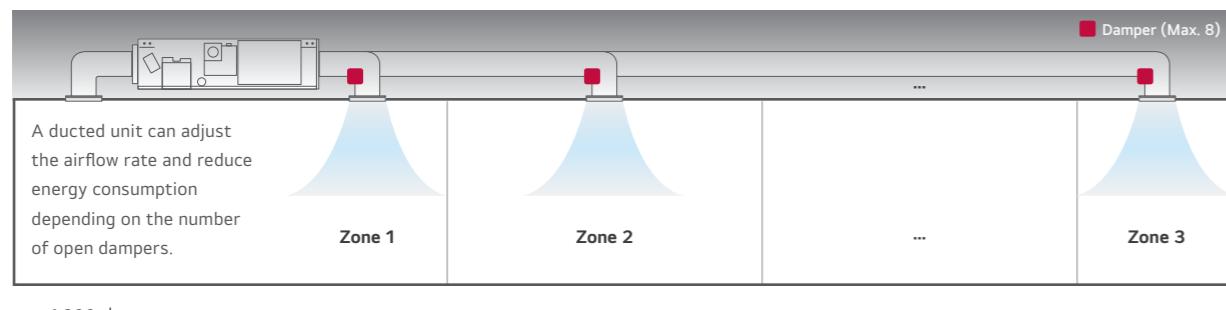
※ ESP Setting guide (Wired Remote Controller) :
 - PREMTB100: Menu → Setting → Installer → ESP setting
 - PREMTB001: Button click → 03: XX → ESP setting



※ Wired remote controller is necessary.

AUTO External Static Pressure + Zone Control (On/Off)

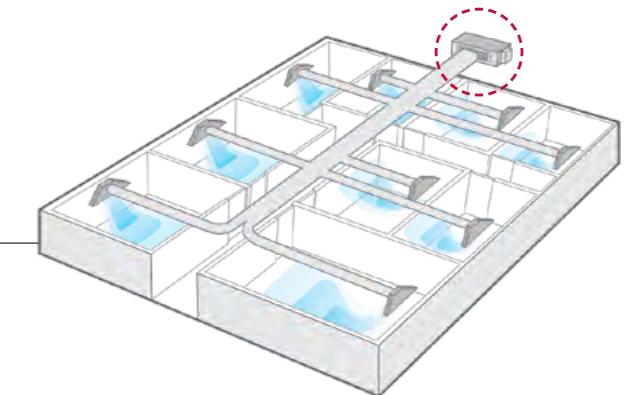
LG's high static ducted unit does step control (High-Mid-Low Speed) to supply airflow rate to each zone depending on the number of open dampers.



※ LG Internal test result based on 15 kW ducted model.
 - Temperature: 35/24 °C (Outdoor), 27/19 °C (Indoor)

Operation for Multiple Rooms

Using a spiral duct (rigid or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously. Also, zone control is available with zone controller accessory (PBZC80, PBZD80)

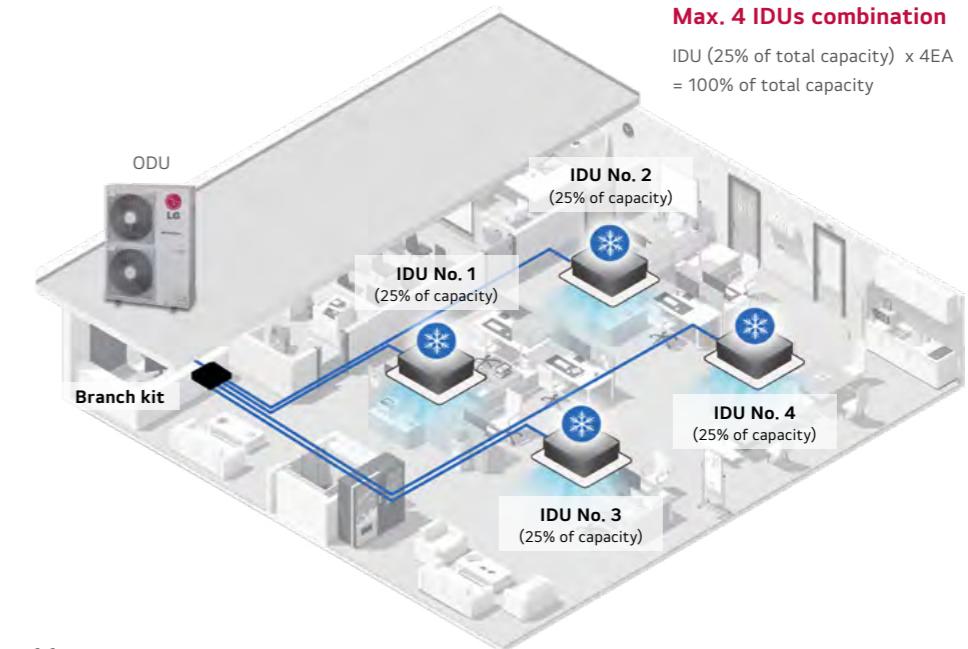


Zone Control Features

- Zone Control - up to 8 zones with PRETB100, PREMTB101
- Auto control of fan speed and On / Off operation

Synchro Function

Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.



Max. 4 IDUs combination

IDU (25% of total capacity) x 4EA
 = 100% of total capacity

Synchro Combination Table

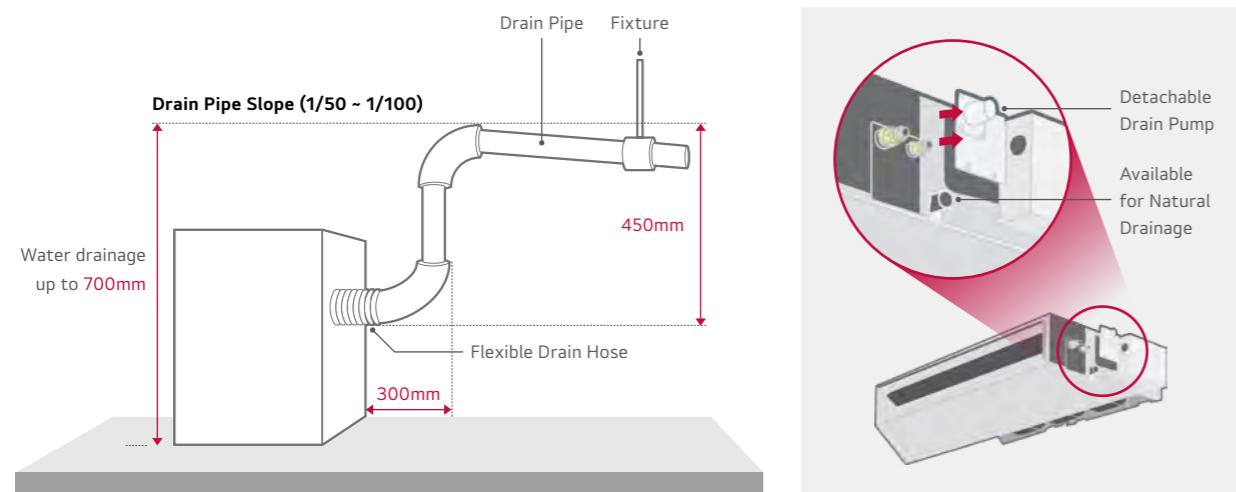
	Possible combination of indoor units								
	Duo		Trio		Quartet				
IDU: Indoor unit	ODU: Outdoor unit	BD: Branch distributor unit	REMO: Wired remote controller	Cassette	Ducted	Cassette	Ducted	Cassette	Ducted
Capacity (kW)				Cassette	Ducted	Cassette	Ducted	Cassette	Ducted
10 / 12.5 / 14 / 15				UTN70PB * 2	UBN50L6 * 2		UBN35L5 * 3		UNB35L5 * 4
					UMN70M1 * 2			UBN50L6 * 3	
Applied Accessories	BD unit	PMUB11A		PMUB111A		PMUB1111A			
	Controller**	PREMTA000, PREMTB101, PREMTB001							

Note

- **When using synchro operation,
- Do not use wireless remote controller.
- Use only one wired remote controller with the indoor units.

High Head Drain Pump

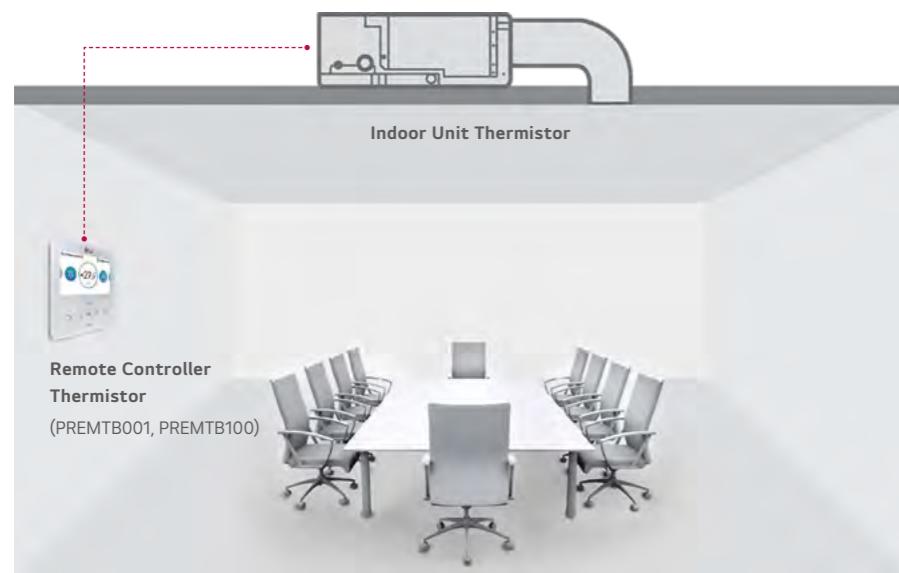
High head drain pump automatically drains water up to a height of 700mm of drain-head height. It provides the perfect solution for draining water.



※ High Static Models: Accessory (ABDP7 / PBDP9) / Low to Mid Static Included
※ Required by option for High Static pressure models.

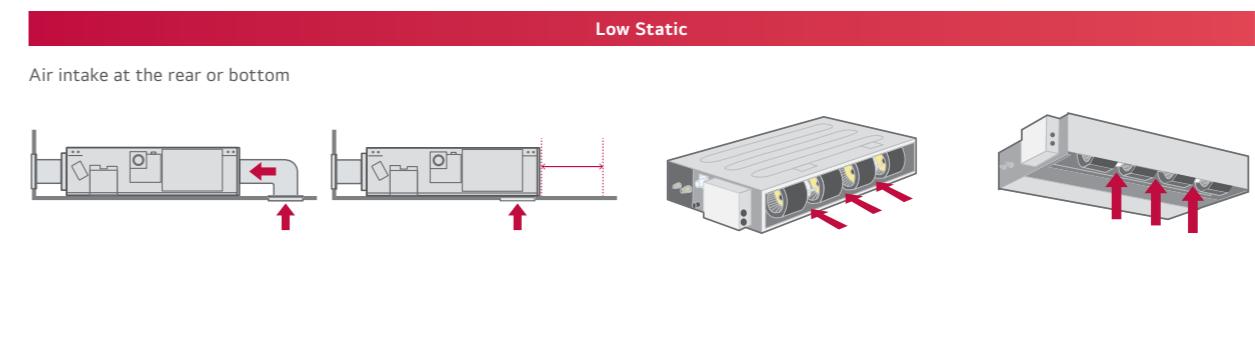
Two Thermistors Control

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 the indoor air temperature for a more comfortable environment.



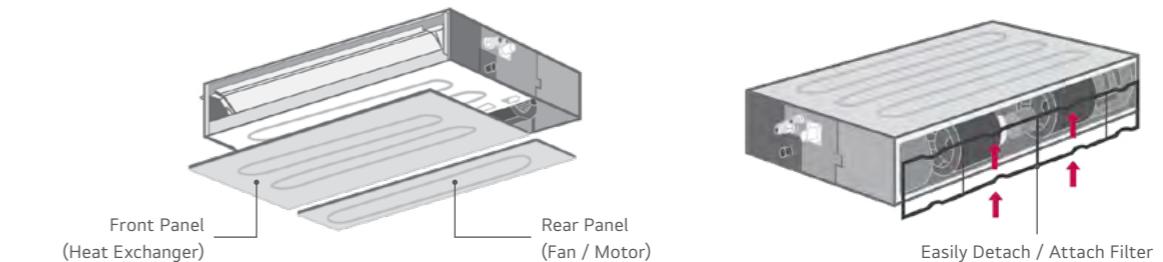
Flexible Installation (Low Static Pressure Model)

Standard Inverter low static ducted allows the air intake at the rear or bottom under installation condition.



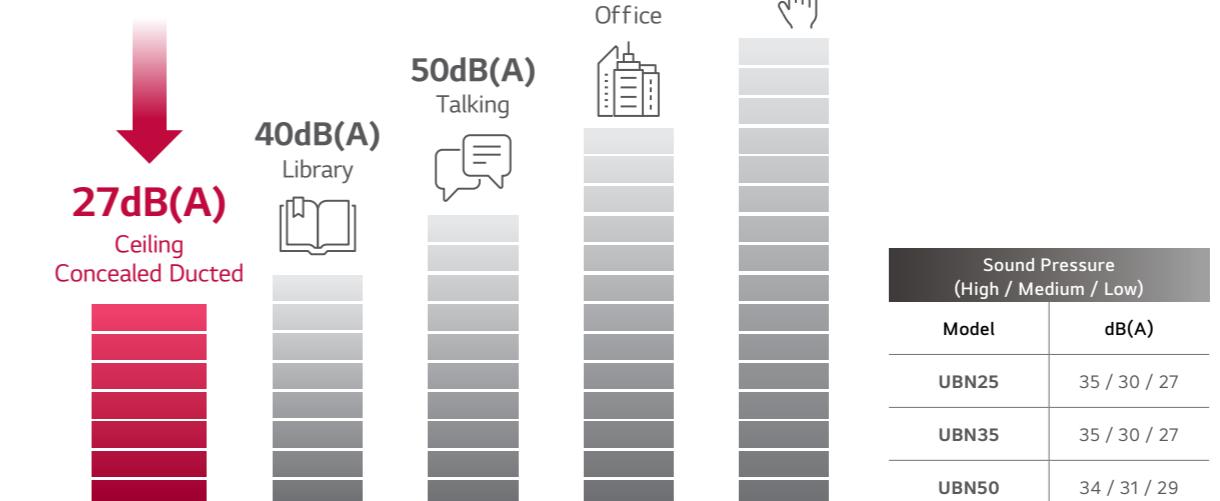
Easy Service & Maintenance (Low to Mid Static Pressure model)

Users are not required to disassemble the whole panel for maintenance; since the panel is divided into 2 components; one for the heat exchanger and the other for the fan/motor. The user can easily detach and re-attach the filter in the available limited space.



Quiet Operation (Low Static Pressure Model)

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



LOW STATIC

UBN25L5 / UBN35L5 /
UBN50L6UU25WR2 /
UU35WR2

R32

CATEGORY	INDOOR	UBN25L5	UBN35L5	UBN50L6
	OUTDOOR	UU25WR2	UU35WR2	UU50WR2
COMBINATIONAL SPECIFICATION				
	UNIT			
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 1.50 ~ 3.20	kW 1.50 ~ 4.70	kW 2.00 ~ 5.80
Heating Capacity	Rated ²⁾ Min ~ Max	kW 3.20 1.80 ~ 4.00	kW 4.00 1.80 ~ 4.90	kW 5.80 2.30 ~ 6.70
AEER		3.640	3.343	3.658
ACOP		4.173	3.647	3.264
Rated Current	Cooling Heating	A 3.00 3.30	A 4.70 4.80	A 7.40 8.30
Full Load Amps		A 10.0	A 10.0	A 16.0
Air Flow Rate	Rated	L/s 192	L/s 192	L/s 250
Air Flow Rate	Min ~ Max	L/s 107 ~ 248	L/s 107 ~ 248	L/s 133 ~ 250
External Static Pressure	Min ~ Max	Pa 0 ~ 49	Pa 0 ~ 49	Pa 0 ~ 49
	Net (W x H x D)	mm 900 x 190 x 460	mm 900 x 190 x 460	mm 1,100 x 190 x 460
Indoor	Net Weight	kg 18	kg 18.0	kg 20.9
	Cooling ((SH)/H/M/L)	dB(A) - / 35.0 / 30.0 / 27.0	dB(A) - / 35.0 / 30.0 / 27.0	dB(A) - / 34.0 / 31.0 / 29.0
	Net (W x H x D)	mm 770 x 545 x 288	mm 770 x 545 x 288	mm 870 x 650 x 330
Outdoor	Net Weight	kg 33.3	kg 33.3	kg 45.0
	Cooling / Heating (@ 1.5 m height)	dB(A) 49.0 / 52.0	dB(A) 49.0 / 52.0	dB(A) 47.0 / 52.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Twin Rotary	Twin Rotary
	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
	Pre-charge Length	m 7.5	m 7.5	m 7.5
	Liquid	mm(inch) Ø6.35 (1/4)	mm(inch) Ø6.35 (1/4)	mm(inch) Ø6.35 (1/4)
Pipe size	Gas	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)	mm(inch) Ø12.7 (1/2)
	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 30 / 5.0	m 7.5 / 30 / 5.0	m 7.5 / 30 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 148 x 860	mm 148 x 860	mm 148 x 1062
Return Air Opening	H x W, Flangeless	mm 190 x 807	mm 190 x 807	mm 190 x 1,007
Continuous Operation	Cooling Heating	°C (DB) -15 ~ 48	°C (WB) -18 ~ 18	°C (DB) -15 ~ 48
Wi-Fi Compatible ⁴⁾		Optional	Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

MID STATIC

UMN70M1 / UMN85M1

UU70WR2 /
UU85WR3

R32

CATEGORY	INDOOR	UMN70M1	UMN85M1
	OUTDOOR	UU70WR2	UU85WR3
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 2.70 ~ 8.00	kW 3.10 ~ 9.00
Heating Capacity	Rated ²⁾ Min ~ Max	kW 7.50	kW 9.00
AEER		3.451	3.448
ACOP		3.275	3.383
Rated Current	Cooling Heating	A 8.70 10.10	A 9.90 11.70
Full Load Amps		A 17.0	A 17.0
Air Flow Rate	Rated	L/s 300	L/s 367
Air Flow Rate	Min ~ Max	L/s 193 ~ 390	L/s 240 ~ 477
External Static Pressure	Min ~ Max	Pa 20 ~ 147	Pa 25 ~ 147
	Net (W x H x D)	mm 900 x 270 x 700	mm 900 x 270 x 700
Indoor	Net Weight	kg 24.0	kg 25.0
	Cooling ((SH)/H/M/L)	dB(A) - / 35.0 / 34.0 / 32.0	dB(A) - / 37.0 / 35.0 / 34.0
	Net (W x H x D)	mm 950 x 834 x 330	mm 950 x 834 x 330
Outdoor	Net Weight	kg 59.0	kg 59.0
	Cooling / Heating (@ 1.5 m height)	dB(A) 48.0 / 52.0	dB(A) 50.0 / 52.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Twin Rotary
	Motor Type	-	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus
	Corrosion Protection (Coating)	-	Black 2
Refrigerant	Type	-	R32
	Pre-charge Length	m 10	m 10
	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 50 / 5.0	m 7.5 / 50 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 200 x 857	mm 200 x 857
Return Air Opening	H x W, Flangeless	mm 231 x 849	mm 231 x 849
Continuous Operation	Cooling Heating	°C (DB) -15 ~ 48	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

MID STATIC

UMN100M2 / UMN125M2 /
UMN140M3UU100WR3 / UU125WR3 /
UU140WR3

R32

CATEGORY	INDOOR	UMN100M2	UMN125M2	UMN140M3
	OUTDOOR	UU100WR3	UU125WR3	UU140WR3
COMBINATIONAL SPECIFICATION	UNIT			
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 3.80 ~ 12.54	kW 4.80 ~ 14.04	kW 5.40 ~ 15.68
Heating Capacity	Rated ²⁾ Min ~ Max	kW 10.80 4.30 ~ 13.39	kW 13.50 5.40 ~ 15.80	kW 15.50 6.20 ~ 17.52
AEER	3.724		3.416	3.209
ACOP	3.829		3.561	3.554
Rated Current	Cooling Heating	A 11.10 12.60	15.30 16.40	19.00 18.40
Full Load Amps	A	17.0	28.0	28.0
Air Flow Rate	Rated	L/s 533	L/s 633	L/s 667
Air Flow Rate	Min ~ Max	L/s 320 ~ 693	L/s 373 ~ 823	L/s 373 ~ 867
External Static Pressure	Min ~ Max	Pa 39 ~ 147	Pa 49 ~ 147	Pa 39 ~ 147
Indoor	Net (W x H x D)	mm 1,250 x 270 x 700	mm 1,250 x 270 x 700	mm 1,250 x 360 x 700
Indoor	Net Weight	kg 36.5	kg 36.5	kg 41.0
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 36.0 / 34.0 / 33.0	dB(A) - / 38.0 / 36.0 / 34.0	dB(A) - / 39.0 / 38.0 / 36.0
Outdoor	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0	kg 89.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 50.0 / 50.0	dB(A) 51.0 / 52.0	dB(A) 52.0 / 53.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Inverter Scroll	Inverter Scroll
Compressor	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
Refrigerant	Pre-charge Length	m 20	m 20	m 20
Pipe size	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
Pipe size	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85.0 / 5.0	m 7.5 / 85.0 / 5.0	m 7.5 / 85.0 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 197 x 1,206	mm 197 x 1,206	mm 291 x 1,206
Return Air Opening	H x W, Flangeless	mm 230 x 1,205	mm 230 x 1,205	mm 320 x 1,205
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾	Optional		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC

UHN85B7 / UHN100B7



UU85WR3

UU100WR3



R32

CATEGORY	INDOOR	UHN85B7	UHN100B7
	OUTDOOR	UU85WR3	UU100WR3
COMBINATIONAL SPECIFICATION	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 2.50 ~ 9.60	kW 3.20 ~ 13.00
Heating Capacity	Rated ²⁾ Min ~ Max	kW 9.40	kW 13.00
AEER	3.384		3.749
ACOP	4.017		4.126
Rated Current	Cooling Heating	A 11.40 10.30	A 12.20 13.80
Full Load Amps	A	17.0	29.0
Air Flow Rate	Rated	L/s 533	L/s 700
Air Flow Rate	Min ~ Max	L/s 267 ~ 693	L/s 373 ~ 910
External Static Pressure	Min ~ Max	Pa 50 ~ 200	Pa 50 ~ 200
Indoor	Net (W x H x D)	mm 1,320 x 400 x 534	mm 1,320 x 400 x 534
Indoor	Net Weight	kg 47.6	kg 47.6
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 41.0 / 40.0 / 39.0	dB(A) - / 43.0 / 41.0 / 40.0
Outdoor	Net (W x H x D)	mm 950 x 834 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 59.0	kg 89.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 51.0 / 52.0	dB(A) 53.0 / 54.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Twin Rotary
Compressor	Motor Type	-	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2
Refrigerant	Type	-	R32
Refrigerant	Pre-charge Length	m 10	m 20
Pipe size	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
Pipe size	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 25 (31/32)	mm(inch) Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 50 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 287 x 840	mm 287 x 840
Return Air Opening	H x W, Flange	mm 317 x 1,172	mm 317 x 1,172
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾	Optional		Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC

UHN125B7 / UHN150B7

UU125WR3 /
UU150WR3

CATEGORY	INDOOR	UHN125B7	UHN150B7
	OUTDOOR	UU125WR3	UU150WR3
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 4.00 ~ 14.80	kW 4.80 ~ 15.80
Heating Capacity	Rated ²⁾ Min ~ Max	kW 4.00 ~ 16.50	kW 4.80 ~ 18.00
AEER		3.679	3.228
ACOP		3.899	3.596
Rated Current	Cooling Heating	A 14.90	A 20.40
Full Load Amps	A	16.90	20.80
Air Flow Rate	Rated	L/s 833	L/s 1000
Air Flow Rate	Min ~ Max	L/s 480 ~ 1,083	L/s 533 ~ 1,300
External Static Pressure	Min ~ Max	Pa 60 ~ 200	Pa 60 ~ 200
	Net (W x H x D)	mm 1,320 x 400 x 534	mm 1,320 x 400 x 534
Indoor	Net Weight	kg 50.6	kg 50.6
	Cooling ((SH)/H/M/L)	dB(A) - / 44.0 / 42.0 / 41.0	dB(A) - / 45.0 / 44.0 / 42.0
	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0
	Cooling / Heating (@ 1.5 m height)	dB(A) 53.0 / 54.0	dB(A) 54.0 / 56.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Inverter Scroll
	Motor Type	-	BLDC
	Fin Type	-	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2
	Type	-	R32
Refrigerant	Pre-charge Length	m 20	m 20
	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 25 (31/32)	mm(inch) Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 287 x 840	mm 287 x 840
Return Air Opening	H x W, Flange	mm 317 x 1,172	mm 317 x 1,172
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC

B62AWYN9L6 / B70AWYN9L6

B62AWYU7L6 /
B70AWYU7L6

CATEGORY	INDOOR	B62AWYN9L6	B70AWYN9L6
	OUTDOOR	B62AWYU7L6	B70AWYU7L6
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Cooling	kW 18	kW 20
	Heating	kW 20.6	kW 22.6
Rated Power Input	Cooling	kW 5.47	kW 6.47
	Heating	kW 5.49	kW 6.19
AEER	Cooling	3.29 (EER)	3.09 (EER)
	Heating	3.75 (COP)	3.65 (COP)
Rated Current	Cooling	A 9.3	A 10.9
	Heating	A 9.6	A 10.5
Full Load Amps	A	24	24
Air Flow Rate	L/s	1,067 ~ 1,333	1,067 ~ 1,333
External Static Pressure	Pa	59 ~ 176	59 ~ 176
	Sound Level at 1.5 m	Pressure dB(A) 43.0 / 41.0 / 40.0	43.0 / 41.0 / 40.0
Indoor	Dimensions	mm 1,563 x 458 x 791	mm 1,563 x 458 x 791
	Weight	kg 92.7	kg 92.7
	Sound Level at 1.5 m	Pressure dB(A) 59 / 60	59 / 60
Outdoor	Sound Power Level	dB(A) 71	71
	Dimensions	mm 1,090 x 1,625 x 380	1,090 x 1,625 x 380
	Weight	kg 139	139
Power Supply	Ø, Hz, V	380-415, 3, 50	380-415, 3, 50
Circuit Breaker	A	30	30
Compressor Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll
Heat Exchanger	Type	Wide Louver Plus	Wide Louver Plus
	Corrosion Protection (Coating)	Gold	Gold
Refrigerant ³⁾	Type	R410A	R410A
	Pre-charge Length	m 15	m 15
	Liquid	mm(inch) Ø12.7 (1/2)	mm(inch) Ø12.7 (1/2)
Pipe size	Gas	mm(inch) Ø22.2 (7/8)	mm(inch) Ø22.2 (7/8)
	Drain OD/ID (Drain Pump)	mm Ø32 / 25	mm Ø32 / 25
Max. Piping Length	m	75	75
Max. Height Difference	ODU - IDU	m 30	m 30
Supply Air Opening	H x W, Flange (Discharge)	mm 286 x 1,044	mm 286 x 1,044
Return Air Opening	H x W, Flange	mm 392 x 1,368	mm 392 x 1,368
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
	Heating	°C (WB) -15 ~ 48	°C (WB) -15 ~ 48
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC SPLITTABLE DUCTED



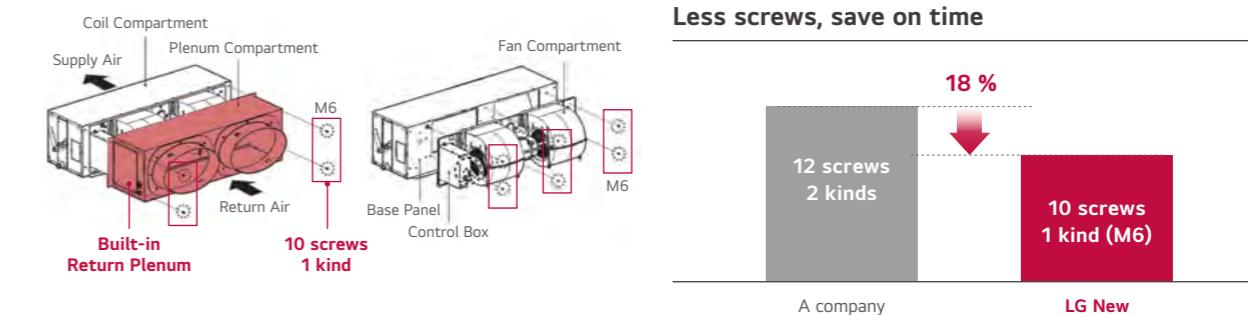
Lighter & Splittable Structure

LG Splittable indoor units comprise of three key components. Its comparatively lightweight structure allows for easy transportation during installation.



Built-in Return Plenum

The LG Splittable Ducted indoor unit has a built-in plenum which helps to reduce extra costs on installation as no customised plenum needs to be made by the installer. The LG Splittable unit is simple to handle in tight spaces as the unit can be easily disassembled and reassembled in the roof cavity.



Compact Height

LG Splittable Ducted indoor unit can be installed into low height roofs. The unit height of <360 mm is designed to fit comfortably into tighter roof spaces.



HIGH STATIC SPLITTABLE

UHN85M2S / UHN100M2S

UU85WR3 / UU100WR3 /
UU100WR3L

CATEGORY	INDOOR	UHN85M2S	UHN100M2S	UHN100M2S
	OUTDOOR	UU85WR3	UU100WR3	UU100WR3L
COMBINATIONAL SPECIFICATION				
	UNIT			
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 2.55 ~ 9.3	kW 4.2 ~ 13	kW 4.2 ~ 13
Heating Capacity	Rated ²⁾ Min ~ Max	kW 10 2.87 ~ 11	kW 13 5.2 ~ 13.9	kW 13 5.2 ~ 13.9
AEER		3.364	3.75	3.75
ACOP		3.667	4.00	4.00
TCSPF (Hot/Average/Cold)		4.571 / 4.218 / 4.351	4.70 / 4.25 / 4.30	4.70 / 4.25 / 4.30
HSPF (Hot/Average/Cold)		3.957 / 3.317 / 2.910	4.40 / 3.87 / 3.28	4.40 / 3.87 / 3.28
Rated Current	Cooling Heating	A 11.2 12.0	A 12.2 14.2	A 4.3 4.9
Full Load Amps		A 17.0	A 29.0	A 14.0
Air Flow Rate	Rated	L/s 583	L/s 700	L/s 700
Air Flow Rate	Min ~ Max	L/s 305 ~ 815	L/s 377 ~ 893	L/s 377 ~ 893
External Static Pressure	Min ~ Max	Pa 39 ~ 137	Pa 39 ~ 137	Pa 39 ~ 137
Indoor	Net (W x H x D)	mm 1,250 x 270 x 820	mm 1,250 x 270 x 820	mm 1,250 x 270 x 820
Indoor	Net Weight	kg 42	kg 42	kg 42
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 42.0 / 40.0 / 38.0	dB(A) - / 45.0 / 43.0 / 41.0	dB(A) - / 45.0 / 43.0 / 41.0
Indoor	Net (W x H x D)	mm 950 x 834 x 330	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 59.0	kg 89.0	kg 89.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 51 / 52	dB(A) 50 / 50	dB(A) 50 / 50
Power Supply	Ø, Hz, V	1, 50 Hz 220-240 V	1, 50 Hz 220-240 V~	3, 50 Hz 380-415 V 3N-
Compressor	Type	-	Twin Rotary	Inverter Scroll
Compressor	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
Refrigerant	Pre-charge Length	m 10	m 20	m 20
Pipe size	Liquid	mm(inch) 09.52 (3/8)	mm(inch) 09.52 (3/8)	mm(inch) 09.52 (3/8)
Pipe size	Gas	mm(inch) 015.88 (5/8)	mm(inch) 015.88 (5/8)	mm(inch) 015.88 (5/8)
Pipe size	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 50 / 5.0	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30	m 30
Air Vent	Return (Oval)	mm 2 x 400	mm 2 x 400	mm 2 x 400
Air Vent	Supply (W x H, Flange)	mm 1,148 x 245	mm 1,148 x 245	mm 1,148 x 245
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC SPLITTABLE

UHN100M3S / UHN125M3S

UU100WR3H / UU125WR3 /
UU125WR3L

CATEGORY	INDOOR	UHN100M3SH	UHN125M3S	UHN125M3S
	OUTDOOR	UU100WR3H	UU125WR3	UU125WR3L
COMBINATIONAL SPECIFICATION				
	UNIT			
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 5.1 ~ 13.8	kW 5.1 ~ 14.3	kW 5.1 ~ 14.3
Heating Capacity	Rated ²⁾ Min ~ Max	kW 13	kW 15	kW 15
AEER		4.13	3.68	3.68
ACOP		4.27	3.95	3.95
TCSPF (Hot/Average/Cold)		5.019 / 4.564 / 4.609	4.70 / 4.29 / 4.37	4.70 / 4.29 / 4.37
HSPF (Hot/Average/Cold)		4.731 / 4.258 / 3.616	4.53 / 4.00 / 3.40	4.53 / 4.00 / 3.40
Rated Current	Cooling Heating	A 14.9 16.9	A 14.9 16.9	A 5.1 5.7
Full Load Amps		A 29.0	A 29.0	A 14.0
Air Flow Rate	Rated	L/s 700	L/s 833	L/s 833
Air Flow Rate	Min ~ Max	L/s 425 ~ 1,000	L/s 425 ~ 1,035	L/s 425 ~ 1,035
External Static Pressure	Min ~ Max	Pa 39 ~ 137	Pa 49 ~ 157	Pa 49 ~ 157
Indoor	Net (W x H x D)	mm 1,250 x 360 x 820	mm 1,250 x 360 x 820	mm 1,250 x 360 x 820
Indoor	Net Weight	kg 47	kg 47	kg 47
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 44.0 / 42.0 / 41.0	dB(A) - / 44.0 / 42.0 / 41.0	dB(A) - / 44.0 / 42.0 / 41.0
Outdoor	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0	kg 89.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 51/52	dB(A) 51 / 52	dB(A) 51 / 52
Power Supply	Ø, Hz, V	1, 50 Hz 220-240 V~	1, 50 Hz 220-240 V	3, 50 Hz 380-415 V
Compressor	Type	-	Inverter Scroll	Inverter Scroll
Compressor	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
Refrigerant	Pre-charge Length	m 20	m 20	m 20
Pipe size	Liquid	mm (inch) Φ9.52 (3/8)	mm (inch) Φ9.52 (3/8)	mm (inch) Φ9.52 (3/8)
Pipe size	Gas	mm (inch) Φ15.88 (5/8)	mm (inch) Φ15.88 (5/8)	mm (inch) Φ15.88 (5/8)
Pipe size	Drain Pipe (Natural Drainage)	mm (inch) 25.4(1) / 19.4(3/4)	mm (inch) Ø32 (1-1/4) / 26 (1-1/32)	mm (inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30	m 30
Supply Air Opening	Return (Oval)	mm 2x400	mm 2x400	mm 2x400
Return Air Opening	Supply (W x H, Flange)	mm 1,148 x 245	mm 1,148 x 292	mm 1,148 x 292
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC SPLITTABLE

UHN140M3S

UU140WR3 /
UU140WR3L

CATEGORY	INDOOR	UHN140M3S	UHN140M3S
	OUTDOOR	UU140WR3	UU140WR3L
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 5.6 ~ 15.7	kW 5.6 ~ 15.7
Heating Capacity	Rated ²⁾ Min ~ Max	kW 16.5 6.6 ~ 17	kW 16.5 6.6 ~ 17
AEER		3.22	3.22
ACOP		3.71	3.71
TCSPF (Hot/Average/Cold)		4.44 / 4.08 / 4.22	4.44 / 4.08 / 4.22
HSPF (Hot/Average/Cold)		4.41 / 3.47 / 2.94	4.41 / 3.47 / 2.94
Rated Current	Cooling Heating	A 19.1 19.5	A 6.7 6.8
Full Load Amps	A	29.0	14.0
Air Flow Rate	Rated	L/s 900	L/s 900
Air Flow Rate	Min ~ Max	L/s 468 ~ 1,073	L/s 468 ~ 1,073
External Static Pressure	Min ~ Max	Pa 49 ~ 157	Pa 49 ~ 157
	Net (W x H x D)	mm 1,250 x 360 x 820	mm 1,250 x 360 x 820
Indoor	Net Weight	kg 47	kg 47
	Cooling ((SH)/H/M/L)	dB(A) 45.0 / 44.0 / 42.0	dB(A) 45.0 / 44.0 / 42.0
	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0
	Cooling / Heating (@ 1.5 m height)	dB(A) 52 / 53	dB(A) 52 / 53
Power Supply		Ø, Hz, V 1,50 Hz 220-240 V	3,50 Hz 380-415 V
Compressor	Type	- Inverter Scroll	- Inverter Scroll
	Motor Type	- BLDC	- BLDC
Heat Exchanger	Fin Type	- Wide Louver Plus	- Wide Louver Plus
	Corrosion Protection (Coating)	- Black 2	- Black 2
Refrigerant	Type	- R32	- R32
	Pre-charge Length	m 20	m 20
	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Air Vent	Return (Oval)	mm 2 x 400	mm 2 x 400
	Supply (W x H, Flange)	mm 1,148 x 292	mm 1,148 x 292
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

HIGH STATIC SPLITTABLE

UHN150M3S

UU150WR3 /
UU150WR3L

CATEGORY	INDOOR	UHN150M3S	UHN150M3S
	OUTDOOR	UU150WR3	UU150WR3L
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 6.1 ~ 16.4	kW 6.1 ~ 16.4
Heating Capacity	Rated ²⁾ Min ~ Max	kW 18 7.2 ~ 18.3	kW 18 7.2 ~ 18.3
AEER		3.27	3.27
ACOP		3.64	3.64
TCSPF (Hot/Average/Cold)		4.46 / 4.11 / 4.25	4.46 / 4.11 / 4.25
HSPF (Hot/Average/Cold)		4.12 / 3.21 / 2.80	4.12 / 3.21 / 2.80
Rated Current	Cooling Heating	A 20.4 21.7	A 6.9 7.6
Full Load Amps	A	29.0	14.0
Air Flow Rate	Rated	L/s 950	L/s 950
Air Flow Rate	Min ~ Max	L/s 495 ~ 1,123	L/s 495 ~ 1,123
External Static Pressure	Min ~ Max	Pa 49 ~ 157	Pa 49 ~ 157
	Net (W x H x D)	mm 1,250 x 360 x 820	mm 1,250 x 360 x 820
Indoor	Net Weight	kg 47	kg 47
	Cooling ((SH)/H/M/L)	dB(A) - / 46.0 / 44.0 / 42.0	dB(A) - / 46.0 / 44.0 / 42.0
	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0
	Cooling / Heating (@ 1.5 m height)	dB(A) 54 / 56	dB(A) 54 / 56
Power Supply		Ø, Hz, V 1,50 Hz 220-240 V	3,50 Hz 380-415 V
Compressor	Type	- Inverter Scroll	- Inverter Scroll
	Motor Type	- BLDC	- BLDC
Heat Exchanger	Fin Type	- Wide Louver Plus	- Wide Louver Plus
	Corrosion Protection (Coating)	- Black 2	- Black 2
Refrigerant	Type	- R32	- R32
	Pre-charge Length	m 20	m 20
	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)	mm(inch) Ø32 (1-1/4) / 26 (1-1/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Air Vent	Return (Oval)	mm 2 x 400	mm 2 x 400
	Supply (W x H, Flange)	mm 1,148 x 292	mm 1,148 x 292
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

• Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB

• Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

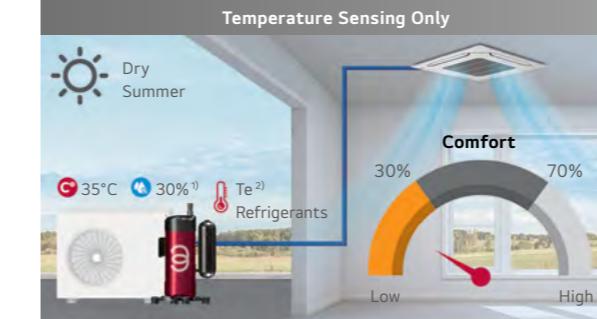
4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

CEILING MOUNTED CASSETTE



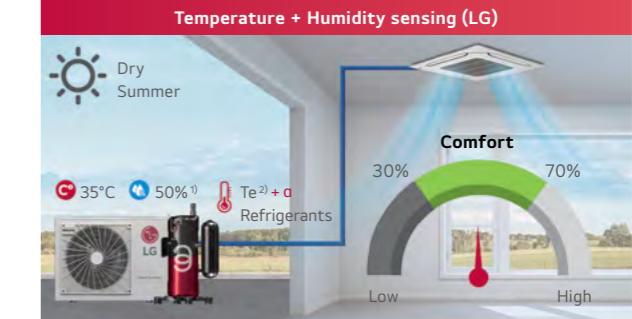
Dual Sensing Control (Dry Summer)

During a dry summer season, the system senses the low humidity levels and decreases the operating ratio to increase humidity for a more comfortable environment and energy efficient operation.



- **Uncomfortable Environment**
Excessive latent heat elimination regardless of humidity
- **Waste Energy**
Eliminate latent heat unnecessarily

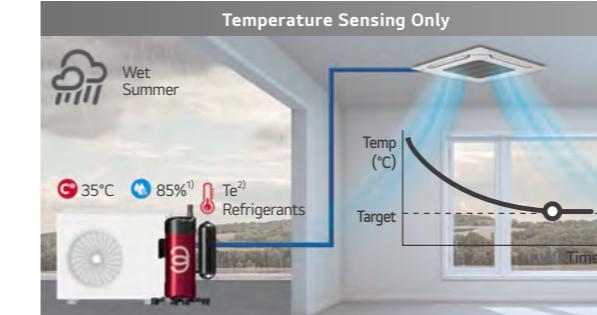
※ Humidity Condition : Low (<30%), Standard (30 ~ 70%)
1) Indoor Condition 2) Evaporation Temperature



- **Comfortable Environment**
By making the room less dry
- **Increased Energy Efficiency**
Provide optimised cooling and energy savings

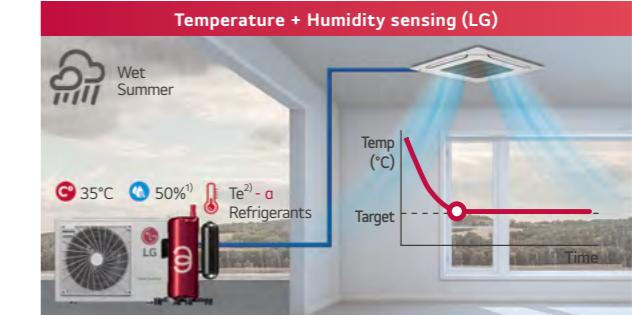
Dual Sensing Control (Wet Summer)

During a wet summer season, the system senses the high humidity levels and increases the operating ratio to rapidly decrease humidity for a more comfortable indoor environment.



- **Uncomfortable Environment**
General latent heat elimination regardless of humidity

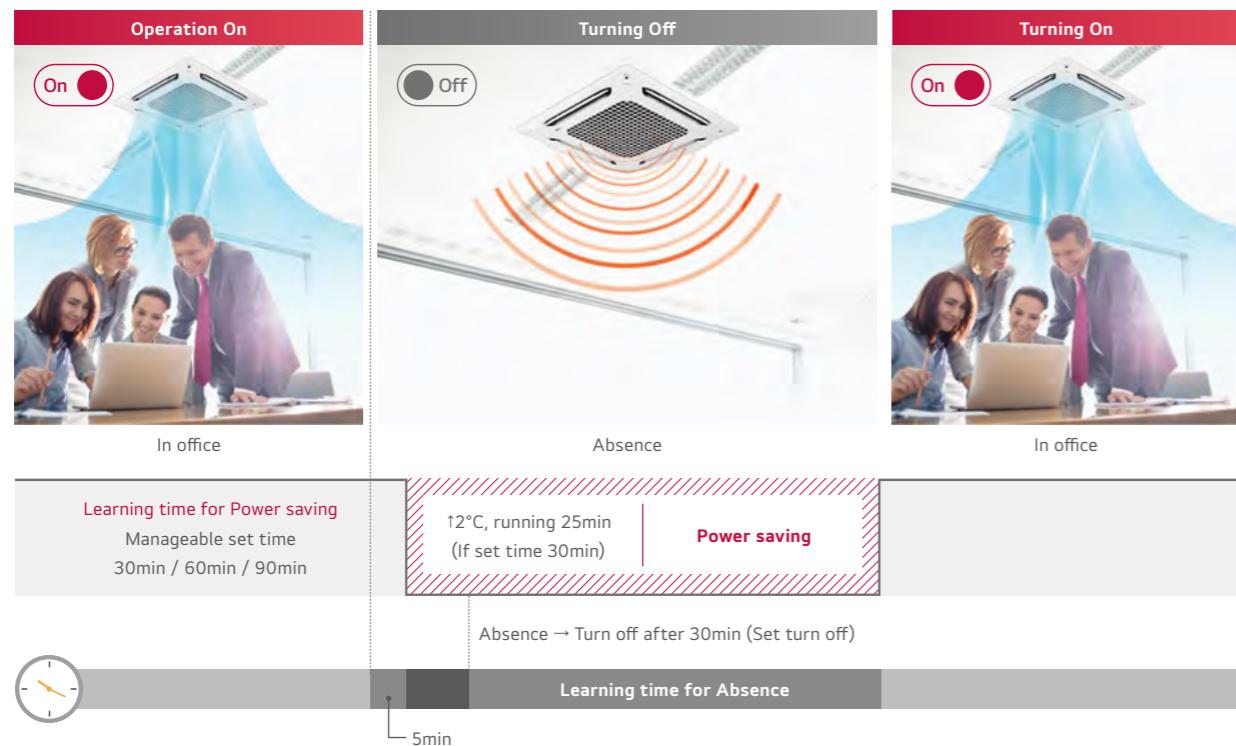
1) Indoor Condition 2) Evaporation Temperature



- **Comfortable Environment**
Quick latent heat elimination with humidity sensors

Human Detection (Optional Accessory)

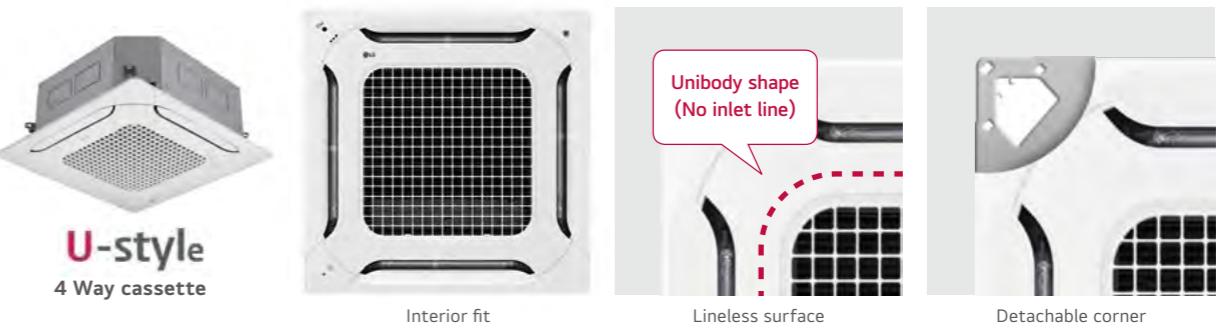
Indoor unit senses human presence to switch on or off after a selected time to help reduce running costs. Time can be set to 30, 60 or 90min, turning off if human presence is not detected in that time. This feature requires a human detection sensor to be installed (optional) PTVSAA0.



※ Data Based on actual test of LG, single product 2 hours measurement result. (Cooling 26 °C, strong wind)

Stylish Design Panel & Compact Size

New 4 way cassette panel adapted a unibody shape that matches with the ceiling.



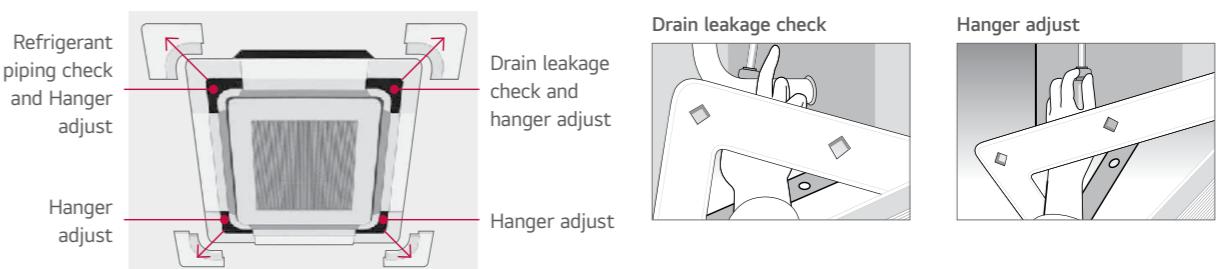
Slim & compact design not only saves space but also reduces installation costs. It's designed to suit most of building designs and fit into various spaces.



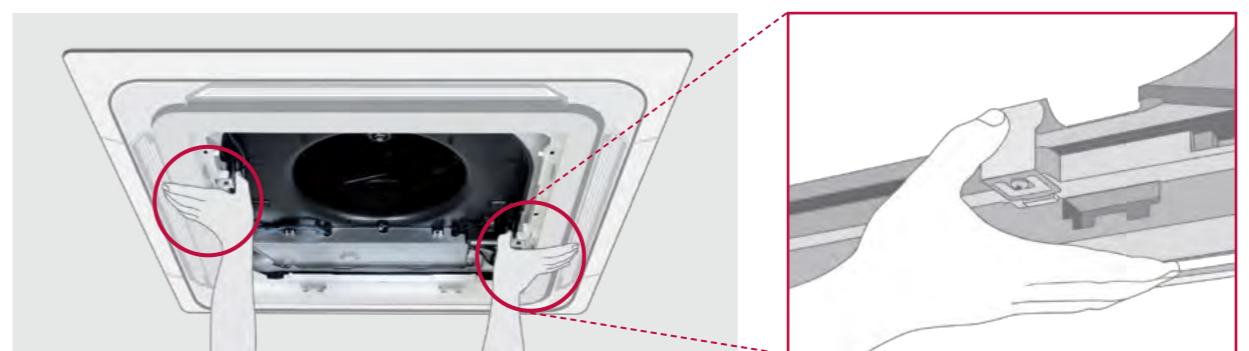
Convenient Panel Installation

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

Detachable Corner Design



One Push Panel



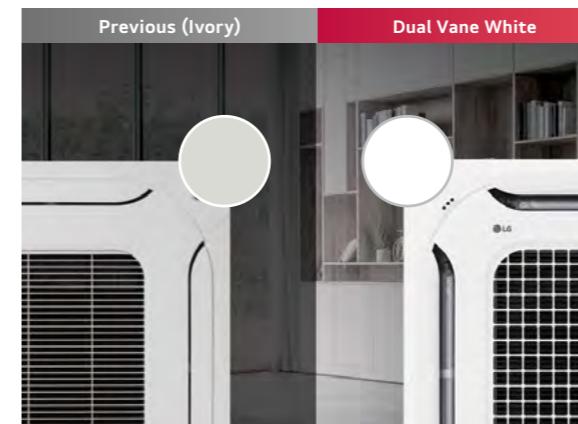
4 Way Air Flow with New Dual Vane Design

New 4 Way dual vane design that promotes comfortable and convenient airflow.



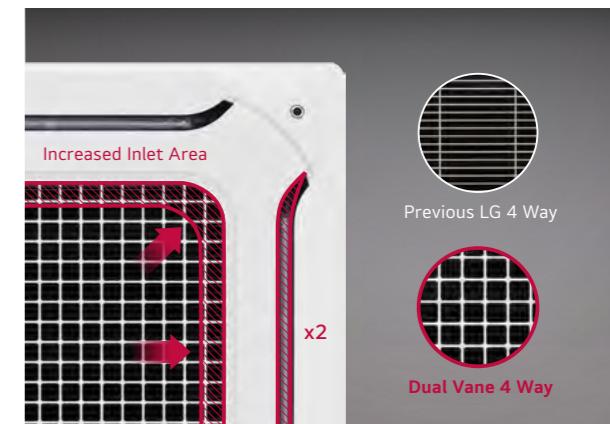
Colour

Color enhancement allows cassette to blend in to most interior ceiling spaces.



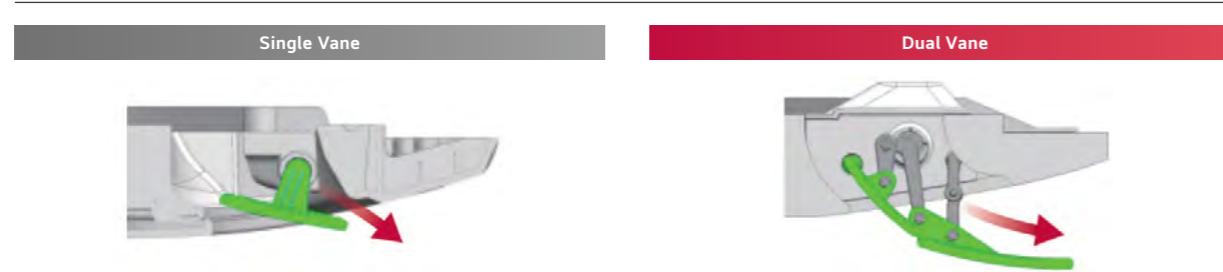
Wide Design

Bigger inlet and outlet make faster cooling / heating airflow.



New Types of Wind Solutions

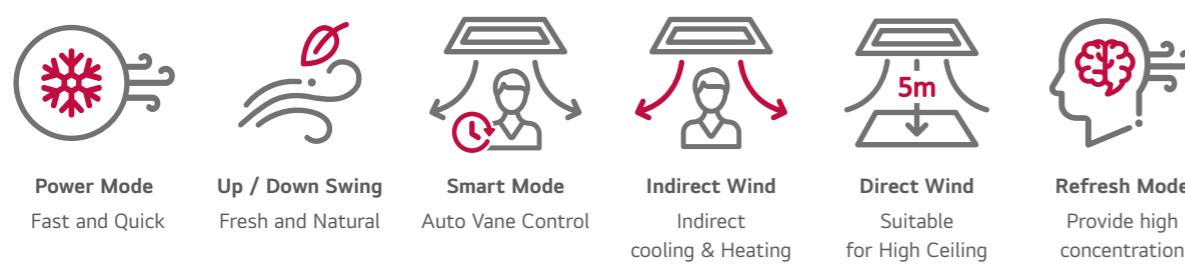
Indirect Wind



Direct Wind



6 Air Flow Modes



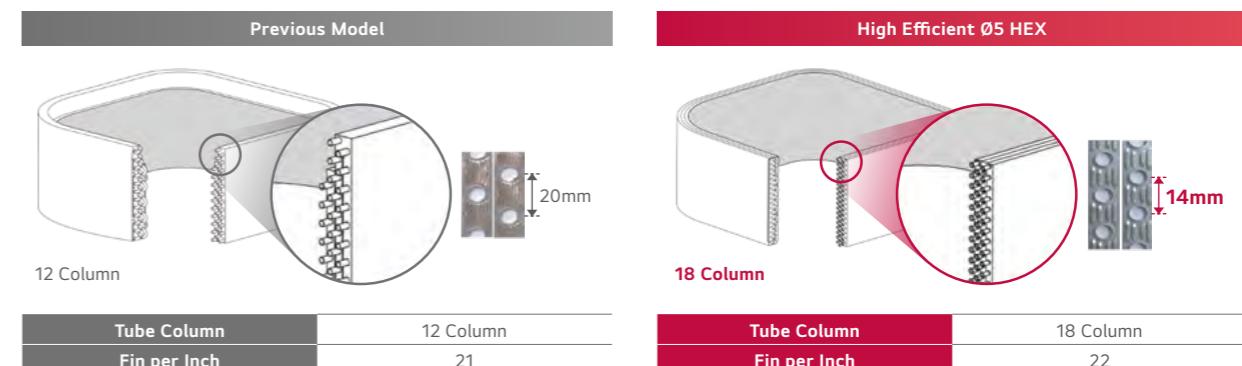
Full 3D Turbo Fan

3D Turbo fan decreases air resistance, to create powerful outlet flow.



High Efficiency Heat Exchanger (HEX)

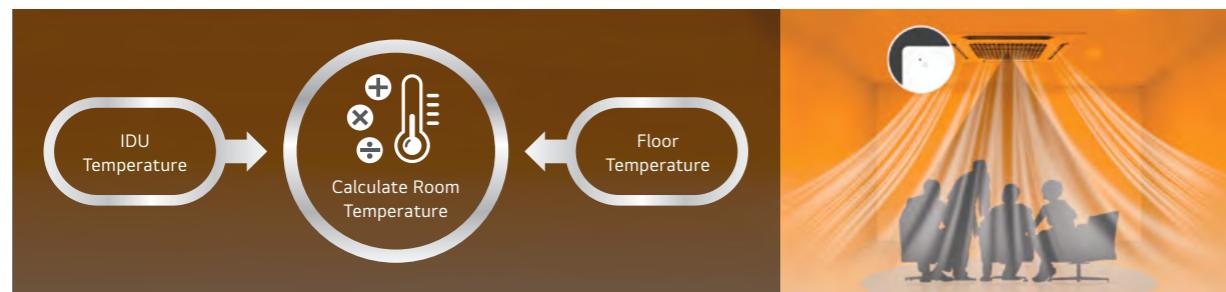
Highly integrated heat exchanger is applied to increase cooling and heating efficiency.



※ This specification can be different as per each model.

Sensor Reads Temperature from Ceiling to Floor for Heating (Optional Accessory)

IDU provides the optimal human oriented room temperature in conjunction with the floor & ceiling temperatures calculated by the thermopile sensor.



※ Available only for products with floor temperature sensor.

Human Detecting Direct / Indirect Airflow (Optional Accessory)

Human Detecting function can provide users favourite airflow.

Comfort Indirect

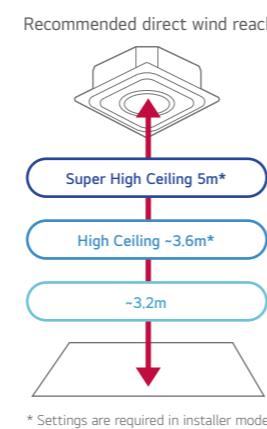


Follow User Direct



Direct Wind

Wind can reach up to 5m with plenty air volume. (@ 0.5ms)

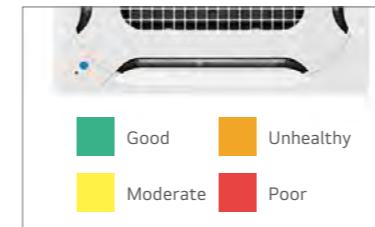


Various Display of Air Purification (Optional Accessory)

Wi-Fi functionality for remote access for indoor unit control and air quality status display with LG ThinQ™ App.*

Smart indicator

Shows quality of Indoor air in real time



Remote controller

Display Air Quality Status and Fine Dust Concentration



Mobile

Whenever & Wherever
Check and Control Air status



Pairing ThinQ™*

Anywhere! Anytime! Can connect to IDU with ThinQ™*

① Monitoring Air status: Easy to check indoor air status

- Microfine dust / Ultra fine dust / Fine dust
- Day / Week / Month / Yearly

② Mobile Remote Control: Remote control by using mobile phone

- Control Mode / Temperature / Air flow etc.

③ Display Power Consumption: Check power consumption of A/C

- Check energy display
- Set target energy consumption level



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

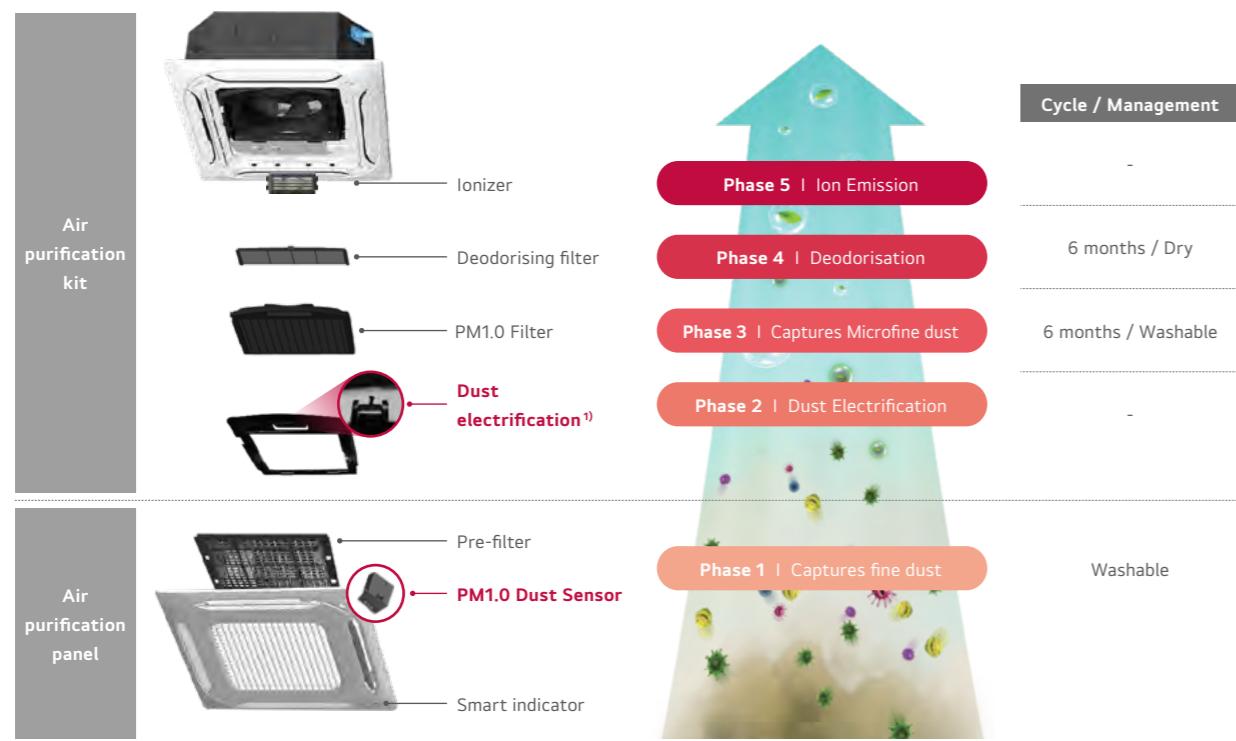
LG ThinQ™

* LG ThinQ™ app available on Android or iOS smartphones. Compatible smartphone with Android 4.1.2 (Jellybean) or later or iOS 9 or later required for LG ThinQ™ app. Phone and Home Wi-Fi Data connection and product registration on the ThinQ™ app required. Smart features and voice assistant product may vary by country and model. Check with your local retailer or LG for service availability. Features and services may be changed by LG without notice. Google, Google Play, Google Home and all related logos are trademarks of Google LLC. Voice-enabled smart speaker device is not included.

Convenient and Powerful Air Purification

(Optional Accessory)

Easy to manage air purifying system with one-touch air cleaning filter



1) Electrical diffusion makes dust electrification.

CAC Certification?

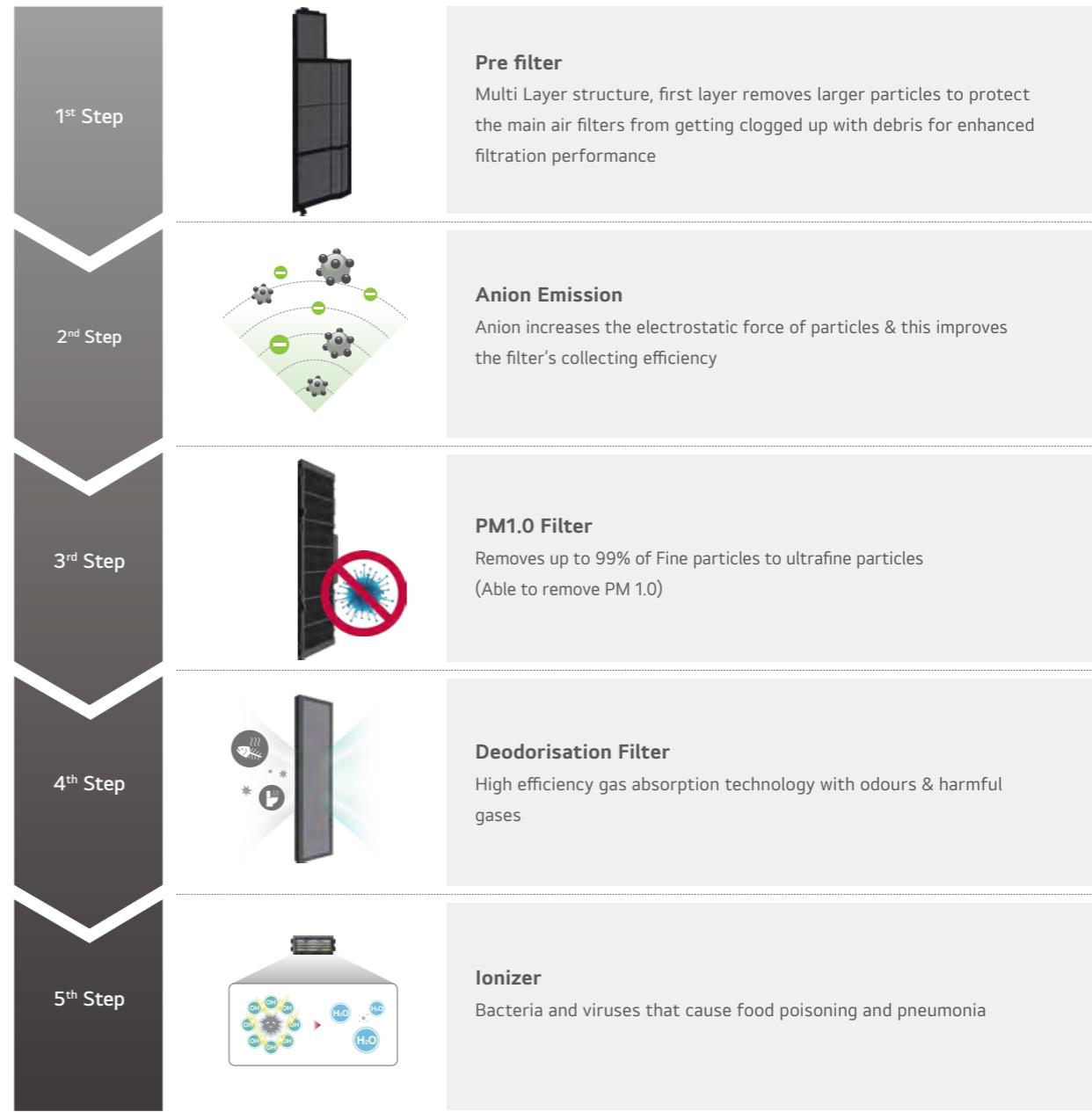
The Korea Air Cleaning Association strictly tests the air cleaning function of air conditioners and provide certification to the product that give credibility to consumers.



The Korea Air Cleanin
Association

Air Purification Technology

5-Steps air cleaning process removes invisible, ultra fine dust, odour and germs to ensure a clean and healthy living environment



UTN70PB / UTN85PB

UU70WR2 /
UU85WR3

CATEGORY	INDOOR	UTN70PB	UTN85PB
	OUTDOOR	UU70WR2	UU85WR3
COMBINATIONAL SPECIFICATION			
	UNIT		
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 2.70 ~ 8.00	kW 3.20 ~ 9.20
Heating Capacity	Rated ²⁾ Min ~ Max	kW 7.50 3.00 ~ 9.00	kW 8.90 3.60 ~ 10.10
AEER		3.493	3.243
ACOP		3.794	3.375
Rated Current	Cooling Heating	A 8.60 8.70	A 10.90 11.60
Full Load Amps		A 16.0	A 17.0
Air Flow Rate	Rated	L/s 283	L/s 317
Air Flow Rate	Min ~ Max	L/s 173 ~ 368	L/s 207 ~ 412
External Static Pressure	Min ~ Max	Pa	
Indoor	Net (W x H x D)	mm 840 x 204 x 840	mm 840 x 204 x 840
Indoor	Net Weight	kg 21.1	kg 21.1
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 38.0 / 36.0 / 34.0	dB(A) - / 40.0 / 37.0 / 35.0
Outdoor	Net (W x H x D)	mm 950 x 834 x 330	mm 950 x 834 x 330
Outdoor	Net Weight	kg 59.0	kg 59.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 48.0 / 52.0	dB(A) 50.0 / 52.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Twin Rotary
Compressor	Motor Type	-	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2
Refrigerant	Type	-	R32
Refrigerant	Pre-charge Length	m 10	m 10
Pipe size	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
Pipe size	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 25 (31/32)	mm(inch) Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 50.0 / 5.0	m 7.5 / 50.0 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30
Supply Air Opening	L x W	mm 64.3 x 577	mm 64.3 x 577
Return Air Opening	L x W	mm 563 x 563	mm 563 x 563
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.
2. Capacities are based on following conditions.
 - Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB
 - Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB
3. This product contains fluorinated greenhouse gases. (R32)
4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

UTN100MA / UTN125MA /
UTN140MAUU100WR3 / UU125WR3 /
UU140WR3

CATEGORY	INDOOR	UTN100MA	UTN125MA	UTN140MA
	OUTDOOR	UU100WR3	UU125WR3	UU140WR3
COMBINATIONAL SPECIFICATION				
	UNIT			
Cooling Capacity	Rated ²⁾ Min ~ Max	kW 3.80 ~ 12.54	kW 4.80 ~ 14.16	kW 5.40 ~ 15.68
Heating Capacity	Rated ²⁾ Min ~ Max	kW 10.80	kW 13.50	kW 15.50
AEER			4.111	3.660
ACOP			4.354	3.791
Rated Current	Cooling Heating	A 10.10 10.70	A 14.60 15.00	A 18.70 19.00
Full Load Amps		A 17.0	A 28.0	A 28.0
Air Flow Rate	Rated	L/s 458	L/s 458	L/s 500
Air Flow Rate	Min ~ Max	L/s 300 ~ 595	L/s 300 ~ 595	L/s 333 ~ 650
External Static Pressure	Min ~ Max	Pa		
Indoor	Net (W x H x D)	mm 840 x 288 x 840	mm 840 x 288 x 840	mm 840 x 288 x 840
Indoor	Net Weight	kg 25.3	kg 25.3	kg 25.3
Indoor	Cooling ((SH)/H/M/L)	dB(A) - / 44.0 / 42.0 / 41.0	dB(A) - / 44.0 / 42.0 / 41.0	dB(A) - / 46.0 / 44.0 / 42.0
Outdoor	Net (W x H x D)	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330	mm 950 x 1,380 x 330
Outdoor	Net Weight	kg 89.0	kg 89.0	kg 89.0
Outdoor	Cooling / Heating (@ 1.5 m height)	dB(A) 50.0 / 50.0	dB(A) 51.0 / 52.0	dB(A) 52.0 / 53.0
Power Supply	Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Inverter Scroll	Inverter Scroll
Compressor	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
Heat Exchanger	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
Refrigerant	Pre-charge Length	m 20	m 20	m 20
Pipe size	Liquid	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)	mm(inch) Ø9.52 (3/8)
Pipe size	Gas	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)	mm(inch) Ø15.88 (5/8)
Pipe size	Drain Pipe (Drain Pump) OD/ID	mm(inch) Ø32 (1-1/4) / 25 (31/32)	mm(inch) Ø32 (1-1/4) / 25 (31/32)	mm(inch) Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0	m 7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m 30	m 30	m 30
Supply Air Opening	L x W	mm 64.3 x 590	mm 64.3 x 590	mm 64.3 x 590
Return Air Opening	L x W	mm 563 x 563	mm 563 x 563	mm 563 x 563
Continuous Operation	Cooling	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48	°C (DB) -15 ~ 48
Continuous Operation	Heating	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18	°C (WB) -18 ~ 18
Wi-Fi Compatible ⁴⁾		Optional	Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.
2. Capacities are based on following conditions.
 - Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB
 - Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB
3. This product contains fluorinated greenhouse gases. (R32)
4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

Memo

Memo