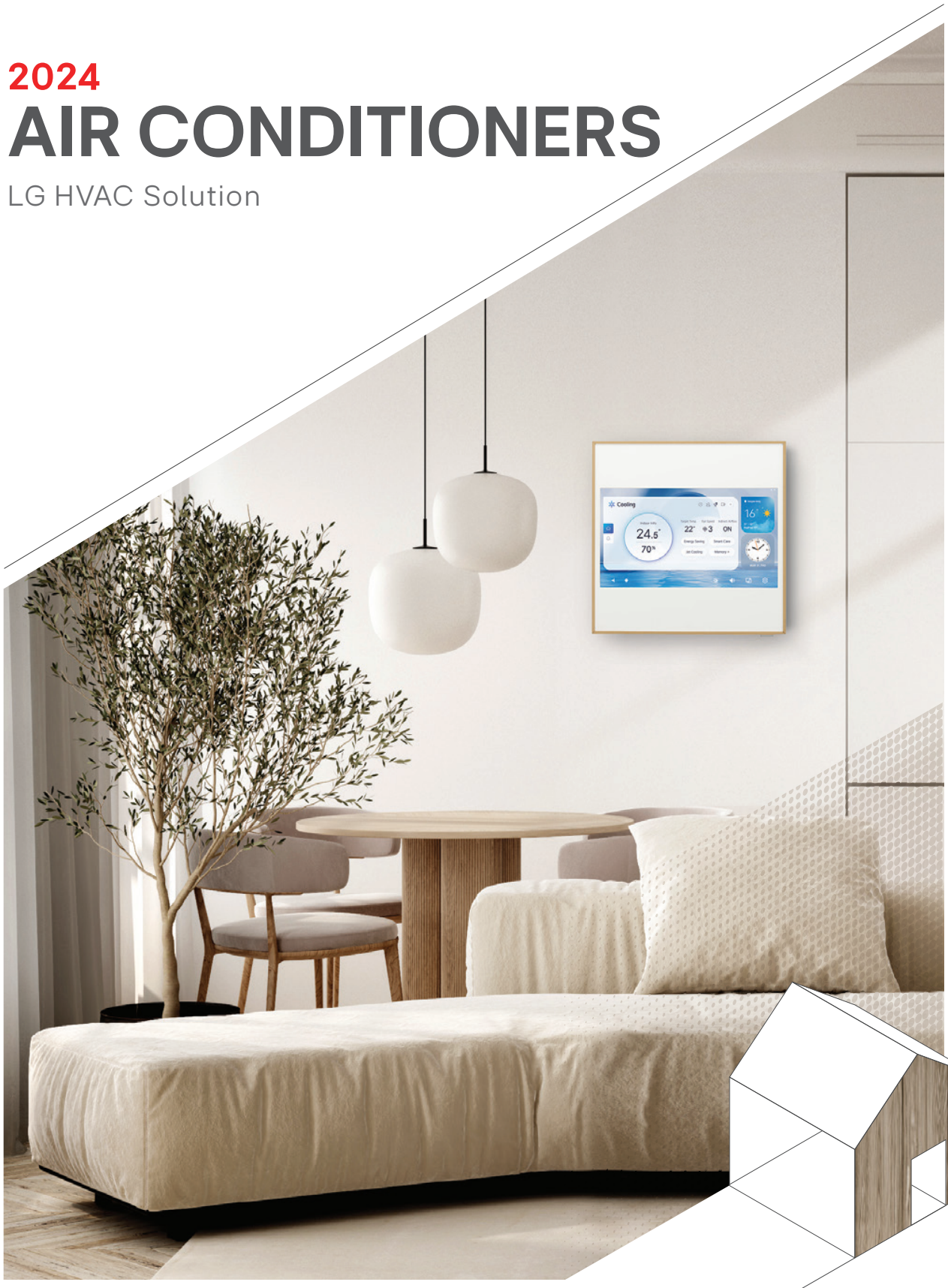
THERMO COMFORT

LG

2024

AIR CONDITIONERS

LG HVAC Solution



U STAAT ER NIET ALLEEN VOOR...

THERMO COMFORT
A DIVISION OF ENGELS GROUP

Engels Group BV werd in 1927 opgericht in Antwerpen. Na 95 jaar lang gevestigd te zijn geweest op de Paardenmarkt in Antwerpen, zijn we sinds mei 2022 verhuisd naar ons nieuw distributiecentrum te Malle.

Met 80 werknemers realiseren we een omzet van meer dan 50 miljoen euro.
Thermo Comfort is actief op vier terreinen: elektrische verwarming (sinds 1967), warmte-pompen (sinds 1992), airconditioning (sinds 2001) en hernieuwbare energie (sinds 2012). We behoren in België tot de top in deze domeinen.

We verdelen een reeks internationale topmerken in HVAC: **Dimplex** (warmtepompen en elektrische verwarming), **LG** (warmtepompen en airco), **Innova** (warmtepompen en airco), **Kaysun** (airco), **Thermor** (convectoren en boilers), **Frico** (lucht-gordijnen, stralingsverwarming en aërothermen) en **Aquaplex** (zwembadverwarming).

Met Thermo Comfort focussen we ook op hernieuwbare energie zoals Accubat batterijen, warmtepompen, E-Power, PV Flexipanel en laadpalen.

Als klant geniet u mee van ons studiebureau, onze technische dienst en onze eigen transportdienst die levert in heel België en Luxemburg. U kunt ook deelnemen aan een opleiding in onze warmtepomp- en VRF-academie. We doen alles om u optimaal te ondersteunen.

STUDIE EN TECHNISCH ADVIES

STUDIES, BEREKENINGEN, INSTALLATIE: WIJ ADVISEREN U GRAAG.

Onze specialisten helpen u graag bij uw aanbestedingen, bij het voorbereiden van een installatie en de keuze van de juiste toestellen. De accurate berekening van de koel- of warmtebehoeften en de geschikte vermogens hoort eveneens bij die gratis service. Wilt u gebruik maken van onze software voor eigen berekeningen en een eerste systeemontwerp? Hij staat gratis voor u klaar. We adviseren u ook bij de praktische uitwerking. In elk stadium van uw project kunt u rekenen op onze begeleiding, zonder dat het u één extra euro kost. Bel voor meer informatie naar +32 3 231 88 84.

SERVICE

STERKE WAARBORGEN. ACTIEVE KLANTENSERVICE

Duurzame kwaliteit: daar gaat Thermo Comfort voor! Alle toestellen worden vervaardigd uit nauwkeurig geselecteerde en geteste materialen. Zowel tijdens het fabricageproces als op het eindproduct worden doorgedreven controles uitgevoerd. Door die totale kwaliteitszorg kunnen we lange en betrouwbare product-garanties bieden. U verschaft uw klanten de grootste zekerheid, zonder zelf enig risico te lopen. Wat er ook met een toestel gebeurt, Thermo Comfort zorgt voor de oplossing. Onze klantenservice bestaat uit 11 personen. Ze zorgen voor onderdelen, herstellingen aan huis of op de werf. We beschikken ook over eigen koeltechniekers.

LEVERINGEN

LOGISTIEK IN EIGEN BEHEER

Engels Group heeft een eigen transportdienst die levert in heel België en Luxemburg. Dagelijks zijn er 12 vrachtwagens voor u onderweg. Dankzij onze transportdienst kunnen we u een vlotte levering en communicatie verzekeren.

U KRIJGT ZELFS EEN PERSOONLIJKE RAADGEVER

Onze buitendienstmedewerker voor uw regio is uw persoonlijke raadgever. Bij hem of haar kunt u terecht met al uw vragen rond techniek, verkoop en klantenservice. Met zijn stimulerende informatie over productlanceringen en promotionele acties brengt hij of zij u voortdurend op creatieve ideeën die de groei van uw omzet en winst bevorderen. We bieden ook ondersteuning aan studie- en adviesbureaus.

VAKSEMINARIES

UW PRODUCTKENNIS BLIJFT OP PEIL!

Thermo Comfort organiseert het hele jaar door cursussen en workshops. Onze partners uit de vakhandel nemen enthousiast deel. De ideale manier om hun knowhow uit te breiden op het vlak van nieuwe technologie, producten en toepassingen. Wie commercieel succesvol wil blijven, moet levenslang leren.

Met die permanente vorming houdt u uw productkennis op peil, zodat u uw klanten een uitstekende service kunt blijven verzekeren. Meer informatie?
Bel +32 3 231 88 84.

STATE OF THE ART TOONZAAL

AANTREKKELIJKE TOONZAAL, BETERE COMMUNICATIE

Wilt u de aandacht trekken van uw klanten? En wilt u hen overtuigen van de kwaliteit van uw producten en service? U kunt gratis gebruik maken van onze professionele toonzaal van 2.500 m^2 waar we u graag meenemen in onze wereld van HVAC-toepassingen, die we u de dag van vandaag kunnen aanbieden. De meeste toestellen die hier opgesteld staan zijn functioneel werkend, zodat u en uw klant deze kunnen zien, horen en voelen hoe ze werken.

LOGISTIEK

OPPERVLAKTE VAN 72.000 m^2

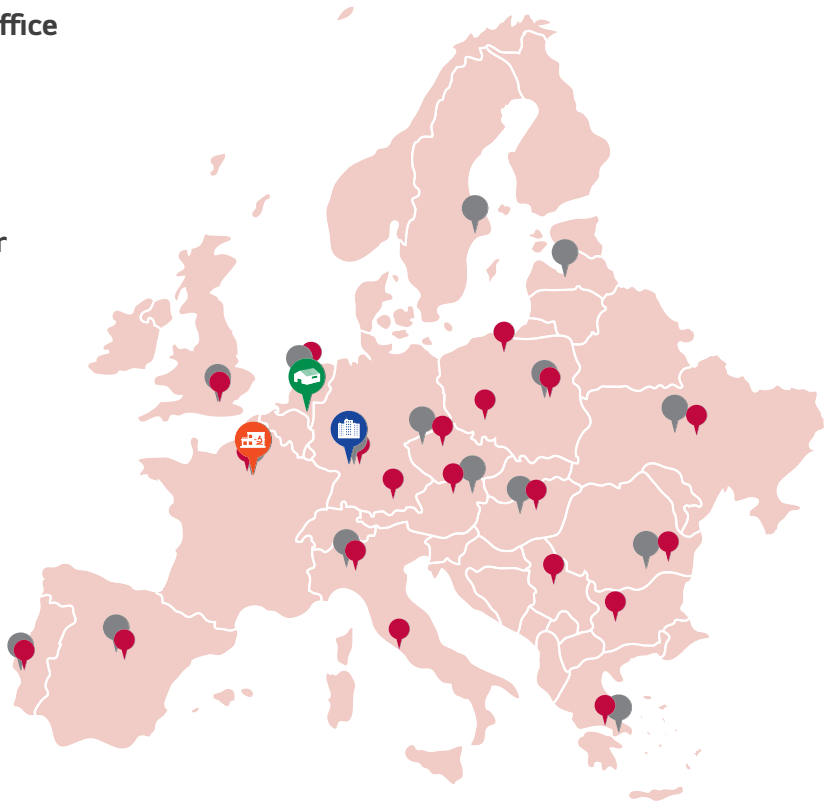
Het volledig logistieke proces gebeurt in eigen beheer. Vanuit onze nieuwe site te Malle, met een oppervlakte van 72.000 m^2, vertrekken dagelijks 12 eigen vrachtwagens richting onze klanten. Eigen transport is voor onze organisatie synoniem aan snelheid, flexibiliteit, kwaliteit en minimale foutmarge. Afhankelijk van de regio en afspraken wordt u 2x per week beleverd.

BESTELLINGEN AFHALEN

U kan uw bestellingen ook afhalen. Afhalingen worden klaargezet in 3 afhaalcontainers waar u op elk moment van de dag (ook buiten de kantooruren dus) uw bestelling kan afhalen. Met een persoonlijke code heeft u toegang tot deze afhaalcontainers. We vragen u steeds uw bestelling door te geven 24u. op voorhand.

EUROPE SALES INFRASTRUCTURE

- Europe B2B Regional Head Office
- National Sales Office
- Air Conditioning Academy
- European Distribution Center
- Europe Energy Lab
- Production Site



LG Energy Labs in Europe

LG Energy Labs are driven to fulfill the commitment of meeting all the requirements regarding energy efficiency and environmental demands. Each LG Energy Lab is an innovative site dedicated to provide essential commercial and residential products in heating, ventilation and the latest energy efficient air conditioning solutions. Additionally, as a showcase, the LG Energy Lab is equipped with complete monitoring and control systems. The performance of all products are tracked and analyzed by a team of Research and Development engineers based in France, Finland and Korea, ensuring maximum efficiency and reliability during the complete products' lifecycle.

European Air Conditioning Distribution Center

LG's European Air Conditioning Distribution Center is centralised in Oosterhout, the Netherlands. Supplying and delivering products to 15 countries in Europe, this Distribution hub has contributed to quick and seamless delivery, direct shipping for smaller orders and bespoke delivery to air conditioners. The hub tries to manage inventory efficiency by complying with the LG EU's established inventory pool.

GLOBAL PRODUCTION SITE

TOTAL HVAC SOLUTION PROVIDER

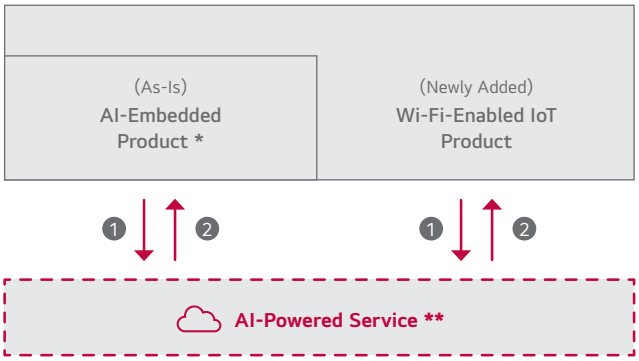
Since manufacturing Korea's first air conditioner exclusively designed for residential use in 1968, LG has been a pioneer of air conditioning innovation. Encouraged by LG's technological leadership in the residential air conditioning sector since the late 1990s, LG moved into the commercial air conditioning sector.

LG has established itself as an exemplary HVAC and energy solutions provider, investing in new technologies, with the addition of chiller, VRF systems and building management systems (BMS) to its comprehensive product portfolio. Alongside its wide range of innovative solutions, the LG promise is to deliver unparalleled customer service.

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

Made Better with ThinQ™

With most people living lives that are more hectic than ever before, we see the enormous potential benefits new technologies will bring to the home. ThinQ links smart products together so that they can work in unison to make your home smarter and more connected. New levels of control and convenience simplify everyday life and free up time so that you can stay focused on what matters. Furthermore, transformative features and services with artificial intelligence will take home evolution one step further. ThinQ will provide more personalized and optimized solutions by learning your needs and preferences through its wide range of products. Get more done while doing less. ThinQ's Personalized Solution, Proactive Advice, Maximum Efficiency and Intuitive Control deliver an elevated, more intelligent lifestyle.
LG ensures its intelligent offerings, AI-powered products and services unlock new roles for homes that can play an important role for truly smart living. Think Wise. Be Free.



ThinQ:
A Brand for Products and Services Incorporating Advanced AI Technologies

1 Understanding users via data collection
2 Providing tips & solutions through AI data analytics

* Previous ThinQ products-Requirement : evolving products with vocal/visual/product intelligence
** Examples of AI-Powered Service : -Usage guide/tips, Predictive maintenance, Auto/semi-auto setting (TBD)

Consumer Benefits

Intuitive Control

ThinQ adds convenience to your daily life by simplifying daily tasks. The ThinQ experience is reliable, flexible and effortless from setup to control and beyond. ThinQ products can be controlled from anywhere and at any time with simple voice-commands and a tap of the innovative ThinQ smartphone application. Meaning anywhere can be your home.

Personalized Solution

ThinQ provides tailored recommendations and optimal settings, with your needs and preferences taken into account. Thanks to the power of AI, the same products can offer different experiences depending on your unique tastes and specific situations.

Maximum Efficiency

ThinQ minimizes energy consumption and can even track your energy usage and expenditure. Beyond mechanical advancements, ThinQ provides unrivaled energy efficiency by utilizing a combination of analytics, sensors and usage data.

RESIDENTIAL

COMMERCIAL

Soft Air Surrounds You In Comfort

LG DUALCOOL™

Premium / Deluxe

Why LG DUALCOOL™?

Comfortable Air Flow

Enjoy a perfectly balanced breeze through multiple vanes and indirect air flow.
Stay refreshed with automatic dehumidification matching your desired temperature.
"Enjoy a Perfectly Balanced Breeze and Ideal Humidity, Tailored Just for You

Proactive Energy Saving

Avoid worrying about unexpected electricity bills with kW manager.
Human detecting sensor and window open detection actively save energy without having to worry about it.

Total Air Care

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

Key Feature

Soft Air

Comfortable Air Flow

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

※ When connected Multi ODU, soft air function may not be supported.

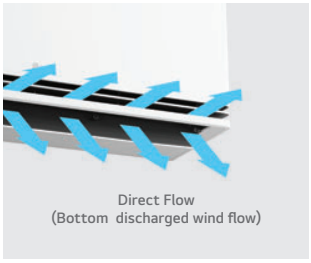
As-is

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

To be

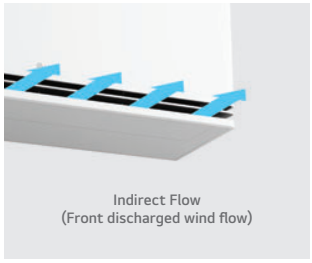
Experience a shift from excessive cold to a more comfortable and pleasant airflow—a fine-tuned wind flow for your comfort.

Cooling



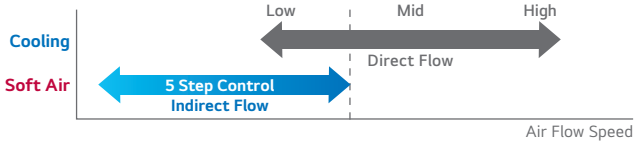
Room Temp. Control
→ Always cold wind

Soft Air

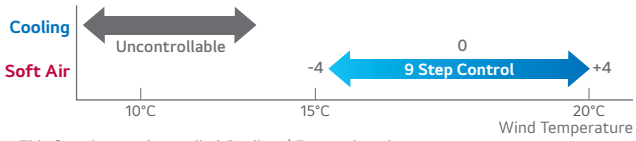


Wind Temp. Control
→ A pleasant, comfortable wind

Air Flow Speed Comparison



Air Temperature Comparison



※ This function can be applied Cooling / Fan mode only.
※ Wind temperature can be controlled through remote controller or LG ThinQ app.
※ Setting room temperature can be controlled through LG ThinQ app only.
※ The wind temperature is displayed on the remote controller only in step (-4 to +4), and the temperature is not displayed.
※ This feature is available when the indoor temperature is below 28℃.

DUAL Vane

Comfortable Air Flow

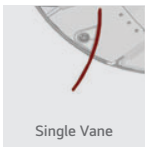
Dual Vane spreads airflow up or down, further and faster, for ideal comfort in any season.

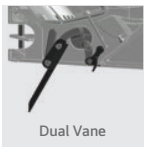
Longer Stream Wind

Two separated vanes are combined to create one large single vane with the longer vane shape, the Dual Vane can send airflow further than conventional models.

Indirect Flow

Dual Vane provide indirect mode for more comfortable experience compared to single vane. It provides that cold wind blows down from above of head, hot wind comes up from underneath of feet, reducing the discomfort of direct wind contact.


Single Vane


Dual Vane

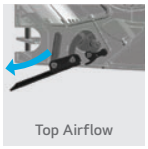
22% UP
Air Flow Distance

23% UP
Cooling Performance Speed

6% UP
Heating Performance Speed

Faster Cooling & Heating

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


Top Airflow


Bottom Airflow

※ Performance comparison vs Single Vane

1) Date 2023.06, Measurement results in LG air conditioner test chamber, installation height 1.8 m, Fan mode. Using a wind speed probe, the height range from 0.1 to 1.7 m is measured in 0.2 m increments. Measures the maximum distance reached by airflow more than 0.25 m/s speed from the products

2) Date 2023.10 LG air conditioner home environment testing chamber, 20.9 ㎡/50.1 ㎥, Jet Mode, Indoor DB (33±0.3)℃ / RH (60±5)%, Outdoor DB (35±0.3)℃ / RH (50±5)% 18℃ setting on cooling mode, Indoor DB (12±0.3)℃ / RH (60±5)%, Outdoor DB (7±0.3)℃ / RH (87±5)% 30℃ setting on heating mode, measured the time took reduce 5℃ (for Cooling) / rise 5℃ (for heating), from the initial average room temperature. Test Model : S3-M12KL2MB (SK), S3-M121L1C0 (S1 New Platform)

Comfort Humidity Control

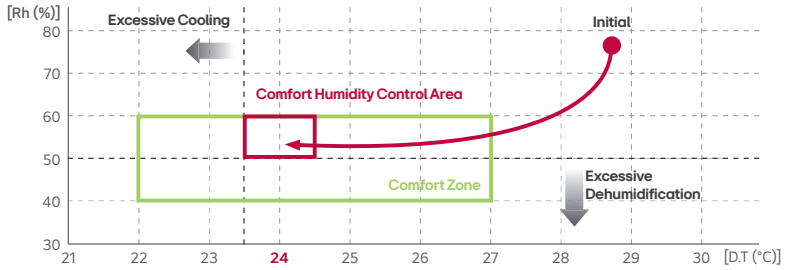
Comfortable Air Flow

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

Conventional

LG DUALCOOL S1

Operation Example (24°C Setting)

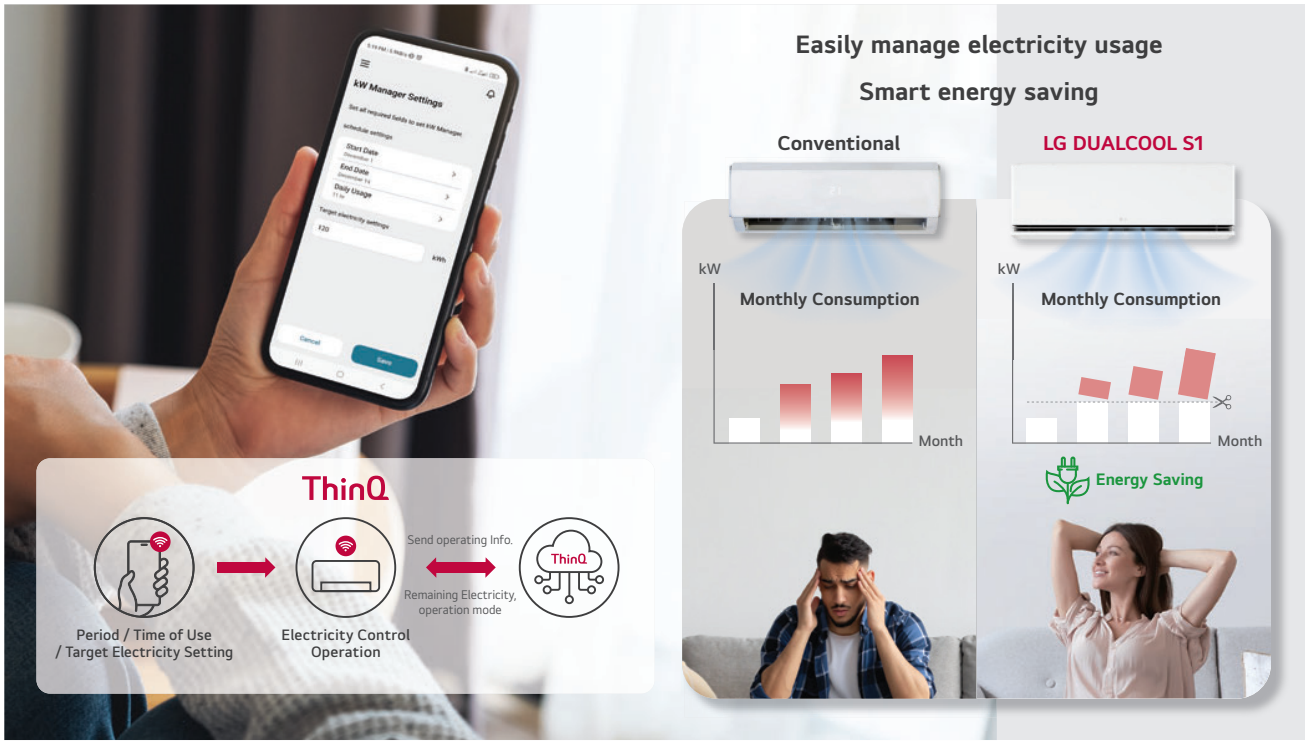


※ The air flow changes automatically based on the operating environment.
※ This function can be used through remote controller and LG ThinQ app.
※ The humidity is automatically controlled according to the temperature set by the customer.

KW Manager by LG ThinQ

Proactive Energy Saving

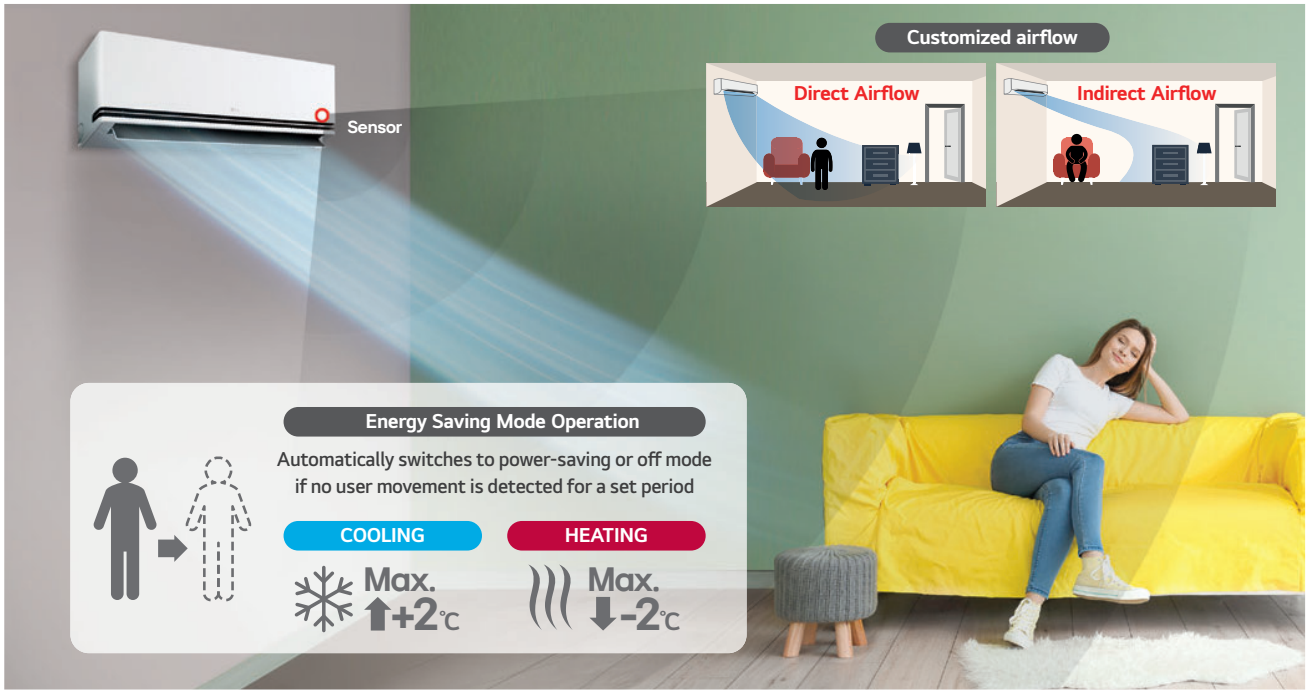
Stay cool. kW Manager lets you take control of your energy usage and spending proactively.
※ When connected to Multi ODU, this function is not supported.



Human Detecting Sensor

Proactive Energy Saving

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



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

Window Open Detecting

Proactive Energy Saving

Reduces energy loss as energy saving mode starts automatically during sudden temperature changes. Prevents condensation when window open.

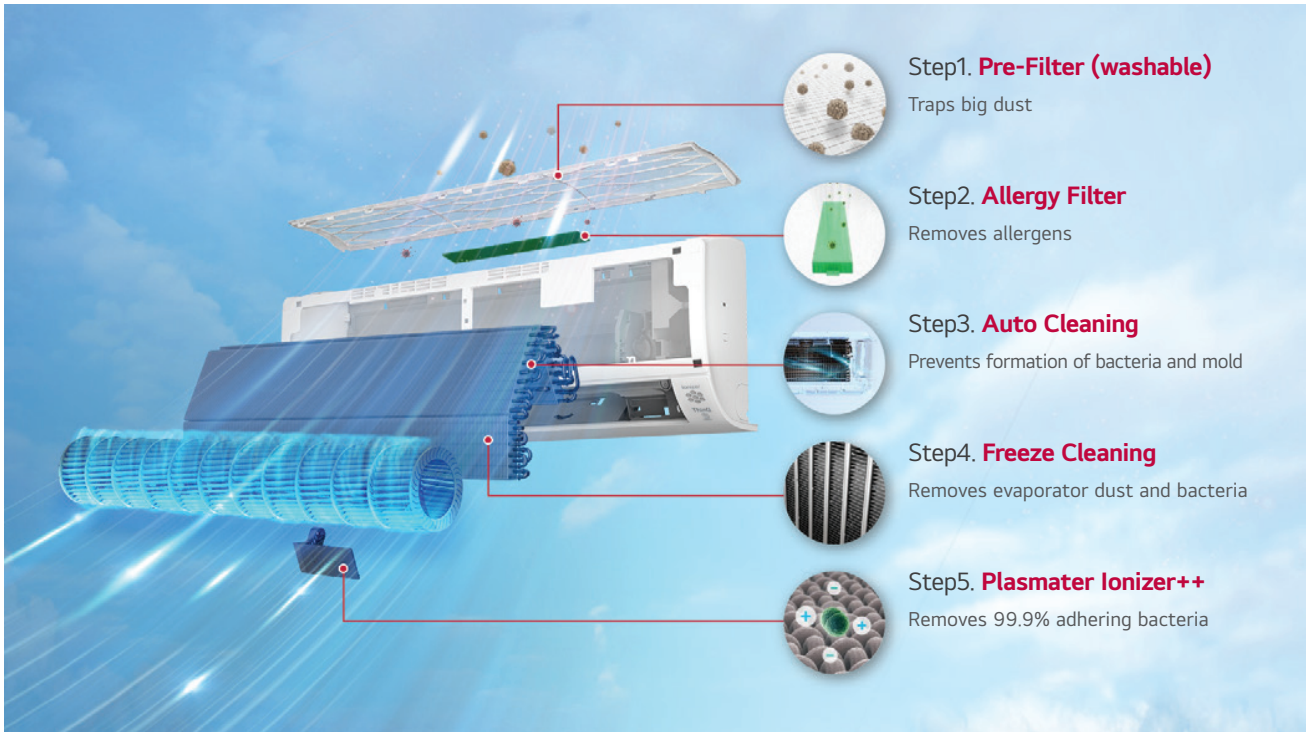
※ The initial setting is off when the product is shipped.
※ This function can be set up through LG ThinQ app only.
※ The "Window open detection" function is available in Cooling and Heating mode only.
※ The default energy saving mode operating time is 10 minutes and can be set up to 60 minutes through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

Total Air Care

Total Air Care

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

How it Works



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

LG ARTCOOL™ Gallery

Premium / Special

Key Feature

Explore the ARTCOOL 2nd Evolution Gallery – an interior masterpiece.

Art Display (27” Full HD LCD)

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

Wood Frame Design

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

WIPO | HAGUE
The International Design System

The ARTCOOL Gallery Design has been submitted to the EU award through the international organization WIPO.

Create the interior settings using the LG ThinQ App

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

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

Anytime, Anywhere!

LG DUALCOOL™ powered by ThinQ

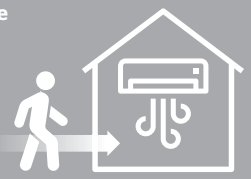
with Voice Control

Key Feature

Elevate your daily routine with ThinQ

Cool home when you arrive

"Imagine arriving to a perfectly cool home"

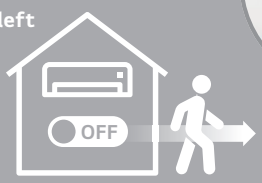


Monitor monthly electricity bills

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

Switch off AC after you've left

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



No need to search for the remote control your AC effortlessly with your phone.

"Where's the remote control? I'm too lazy to go search for it."

Voice control for an enhanced lifestyle

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

Simple voice control for convenience and accessibility

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

Step 1

Issue a voice command to the AI Speaker.

Step 2

The AI Speaker converts the user's voice input into text.

Google Cloud

LG Cloud

Step 3

The AI Speaker server identifies that the user is invoking the Appliance skill and relays the user's intent to the LG Server.

ThinQ™

Step 4

The LG Server activates the corresponding appliance based on the user's command.

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

○ Single Split Only ○● Compatible ● Multi Split Only

MODEL		kBtu	5	7	9	12	15	18	24
		kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
LG ARTCOOL™	Gallery Premium	 Wi-Fi R32			○● A09GA2.NSE	○● A12GA2.NSE			
	Gallery Special	 Wi-Fi R32			○● A09GA1.NSE	○● A12GA1.NSE			
	Gallery (end of life)	 Wi-Fi R32			○ A09FT.NSF	○ A12FT.NSF			
	Mirror	UVnano™  Wi-Fi R32		● AM07BK.NSJ	○● AC09BK.NSJ	○● AC12BK.NSJ		○● AC18BK.NSK	○● AC24BK.NSK
	Beige	UVnano™  Wi-Fi R32			○● AB09BK.NSJ	○● AB12BK.NSJ		○● AB18BK.NSK	○● AB24BK.NSK
LG DUALCOOL™	Prestige (end of life)	 Wi-Fi R32			○ F09MT.NSM	○ F12MT.NSM			
	Premium	UVnano™ Wi-Fi R32			○● H09S1P.NS1	○● H12S1P.NS1			
	Deluxe	Wi-Fi R32			○● H09S1D.NS1	○● H12S1D.NS1		○● H18S1D.NS1	○● H24S1D.NS1
	Deluxe Inverter DC	 Wi-Fi R32		● DM07RK.NSJ	○● DC09RK.NSJ	○● DC12RK.NSJ		○● DC18RK.NSK	○● DC24RK.NSK
	Standaard Plus PC	 Wi-Fi R32	● PM05SK.NSA	● PM07SK.NSA	○● PC09ST.NSJ	○● PC12ST.NSJ	● PM15SK.NSJ	○● PC18ST.NSK	○● PC24ST.NSK
	Air purification AP	 Wi-Fi R32			○● AP09RK.NSJ	○● AP12RK.NS			

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

○ Single Split Only ○● Compatible ● Multi Split Only

	MODEL	kBtu	5	7	9	12	15	18	24
		kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
LG ARTCOOL™	Gallery Premium	 R32			○ A09GA2.U18	○ A12GA2.U18			
	Gallery Deluxe	 R32			○ A09GA1.U18	○ A12GA1.U18			
	Gallery (end of life)	 R32			○ A09FT.NSF	○ A12FT.NSF			
	Mirror	 R32			○ AC09BK.UA3	○ AC12BK.UA3		○ AC18BK.UL2	○ AC24BK.U24
	Beige	 R32			○● AB09BK.NSJ	○● AB12BK.NSJ		○● AB18BK.NSK	○● AB24BK.NSK
LG DUALCOOL™	Prestige (end of life)	 R32			○ F09MT.U24	○ F12MT.U24			
	Premium	 R32			○ H09S1P.U18	○ H12S1P.U18			
	Deluxe	 R32			○ H09S1D.U12	○ H12S1D.U12		○ H18S1D.U18	○ H24S1D.U24
	Deluxe Inverter DC	 R32			○ DC09RK.UL2	○ DC12RK.UL2		○ DC18RK.UL2	○ DC24RK.U24
	Standaard Plus PC	 R32			○ PC09ST.UA3	○ PC12ST.UA3		○ PC18ST.UL2	○ PC24ST.U24
	Air purification AP	 R32			○● AP09RK.UA3	○● AP12RK.UA3			

○ Single Split Only
● Multi Split Only
○● Compatible

		LG ARTCOOL™				
		Gallery Premium	Gallery Special	Gallery	Mirror	Beige
				 (end of life)		
CORE TECH	DUAL Inverter Compressor™	○	○	○	○	○
COMFORT	Soft Air					
COMFORT	Dual Vane					
COMFORT	Low Noise (19dB)	○●	○●		○●	○●
COMFORT	Comfort Humidity Control	○●	○●			
ENERGY SAVING	KW Manager					
ENERGY SAVING	Human Detecting Sensor					
ENERGY SAVING	Window Open Detecting					
ENERGY SAVING	Active Energy Control				○●	○●
COOLING	Fast Cooling	○●	○●	○	○●	○●
HEATING	Fast Heating	○●	○●	○	○●	○●
HEALTH	Freeze Cleaning	○●	○●			
HEALTH	Plasmaster™ Ionizer++	○●	○●		○●	○●
HEALTH	Allergy Filter				○●	○●
HEALTH	UVnano™				○●	○●
SMART	Low Refrigerant Detection					
SMART	Embeded Wi-Fi	○●	○●	○	○●	○●
SMART	Smart Diagnosis	○	○		○	○
SMART	Mobile LG MV	○	○		○	○
DURA-BILITY	Gold Fin	○	○	○	○	○
MULTI	Multi Compatible	○●	○●		○●	○●

Feature may vary for each model.
1. When connected to Multi Outdoor unit, Silent Mode 3dB is working by simply setting the dip switch on the PCB of the outdoor unit.
2. When combines with 40kBtu, Cooling A+, Heating A
3. Wi-Fi Ready : can be connected by using Wi-Fi controller (PWFMDD200)
4. Please refer to the specifications of Multi outdoor units.

	LG DUALCOOL™					
	Prestige	Premium	Deluxe	Deluxe Inverter DC	Standaard Plus PC	Air purification AP
	 (end of life)					
	○	○	○	○	○	○
		○●	○●			
		○●	○●			
	○●	○●	○●	○●	○●	○●
		○●	○●			
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	○●	○●	○●	○●	○●	○●
	○●	○●	○●	○●	○●	○●
		○●	○●			
	○●	○●	○●	○●		
	○●	○●	○●	○●	○●	
				○●		
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	○			○	○	○
	○	○	○	○	○	○
	○	○	○	○	○	○
		○●	○●	○●	○●	○●

powered by

DUAL Inverter Compressor™

※ Dual Inverter Compressor is applied to Single Split only. Specification may vary each model.

What is the Dual Inverter Compressor?

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

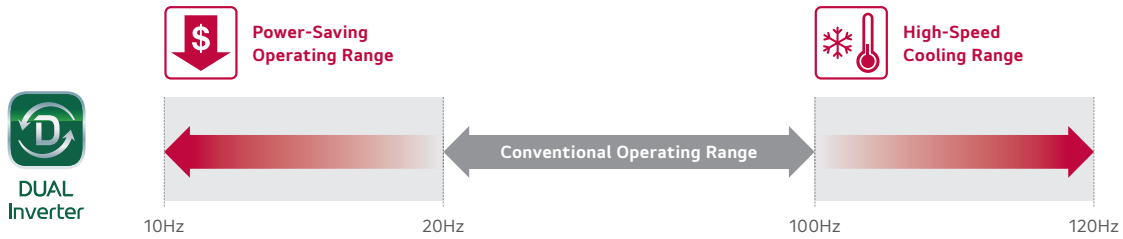
Product Reliability Improvement

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

How it Works

Varied-Speed Dual Rotary

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



Low Noise

LG air conditioners operate at 19dB low noise level.

※ Specifications may vary for each model.

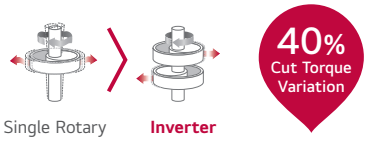
How It Works

LG's Unique Skew Fan

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

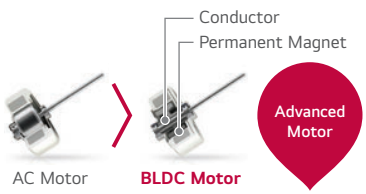
ALVC (Active Low Vibration Control)

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



BLDC Fan Motor

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



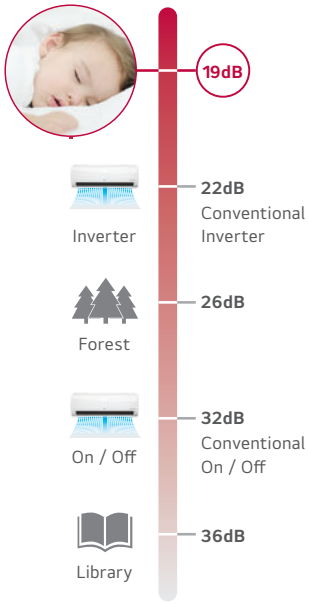
Conventional AC Motor

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

BLDC Motor

- Low electric and mechanical noise.
- Durable precise speed control.

Benefit

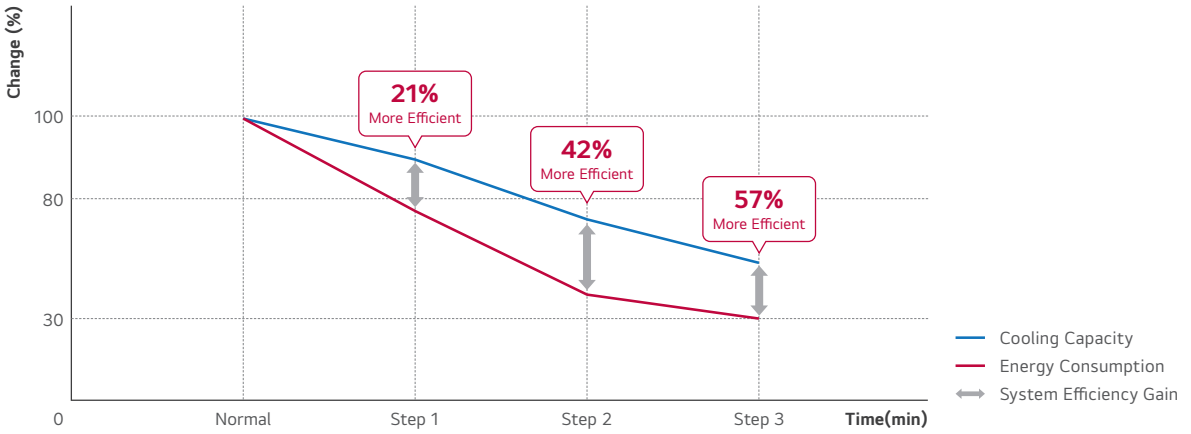


Active Energy Control

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

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

Concept & Benefit



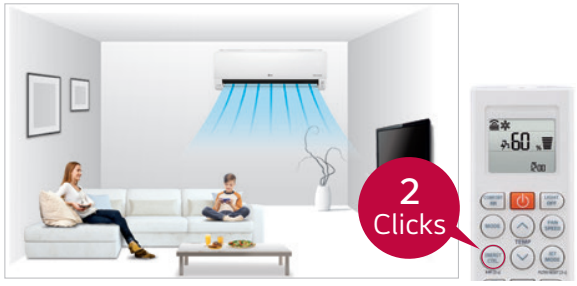
※ Test Conditions : Normal Temperature (Indoor Temperature at the Cooling Mode : 28°C, Outdoor Temperature : 32°C)
※ Test Model : DC12RH

How It Works

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

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

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



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

Fast Cooling

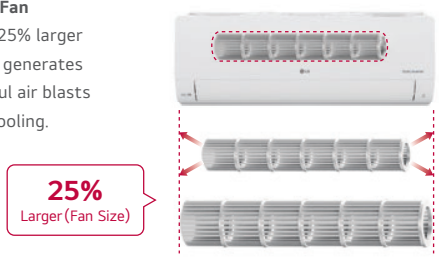
The cool airflow rapidly reaches all the corners of the room, keeping the space cool and comfortable.

※ Specifications may vary for each model. ※ Depending on the experimental conditions.

Pain Point

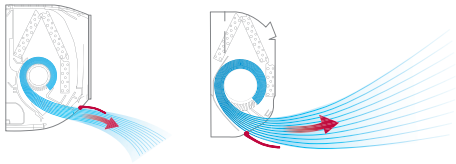
Bigger Skew Fan

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



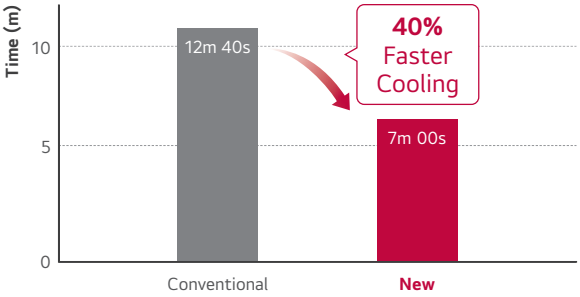
Cooling Outlet

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



Test Result

Test Result



TÜVRheinland®

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

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

Fast Heating

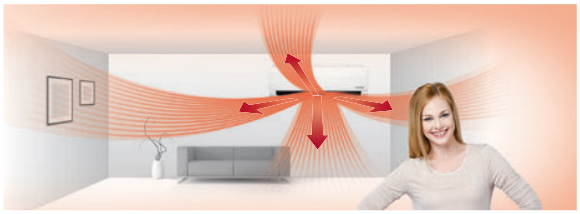
LG Residential Air Conditioners satisfy user needs by consuming less energy and heating a wider space in a shorter period. This creates a warm and comfortable living environment.

※ Specifications may vary for each model. ※ Depending on the experimental conditions.

How It Works

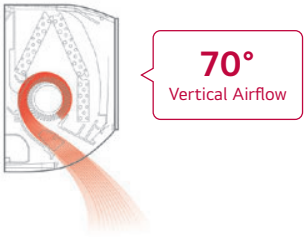
4 Way Auto Swing (Easy Airflow Control)

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



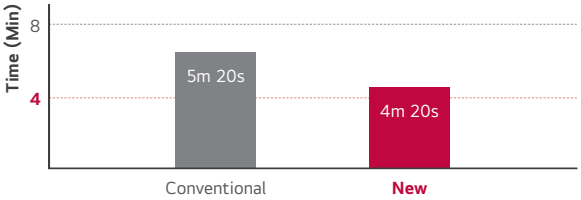
Vertical Airflow

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



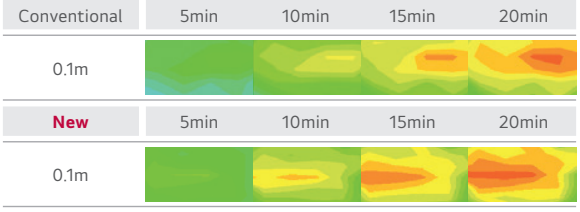
Benefit & Test Result

22% Quick Heating



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

Changes in Temperature Over 20 Minutes



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

Freeze Cleaning

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

Pain Point

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

How It Works

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

Step. 1
Dirty
air conditioner
indoor unit

Step. 2
Freeze

Step. 3
Defrost & Wash

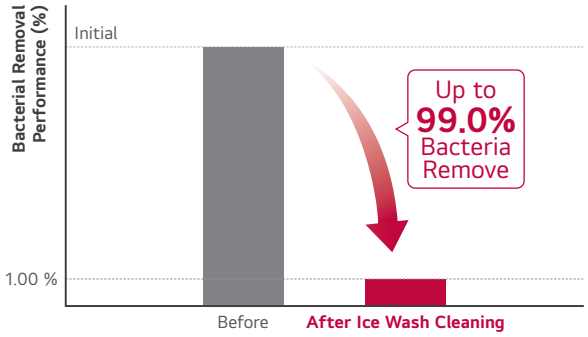
Step. 4
Dry

※ Working condition : 21 ~ 32°C (Indoor) / 21 ~ 37°C (Outdoor)
※ The “Freeze Cleaning” mode can activate through ThinQ only
※ “Freeze Cleaning” in Single split embedded (ArtCool Gallery Premium/ ArtCool Gallery Special/ DualCool Premium/ DualCool Deluxe)
※ “Freeze Cleaning” in Multi will be available in 2025.

Benefit & Verification

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

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



※ This test result obtained a test report on and Pseudomonas aeruginosa 99.0% reduction rate from an internationally recognized laboratory, which may vary depending on the actual environment.
※ Test institution : TÜV Rheinland
※ Test Model : SQ07EDETHN(SE), SQ06BDAWAJ(SA), SQ07SDJBAN(SJ), SQ09MDKWAN(SK)
※ Test bacteria : Up to 99% reduction rate of “Pseudomonas aeruginosa” confirmed

Plasmaster™ Ionizer++

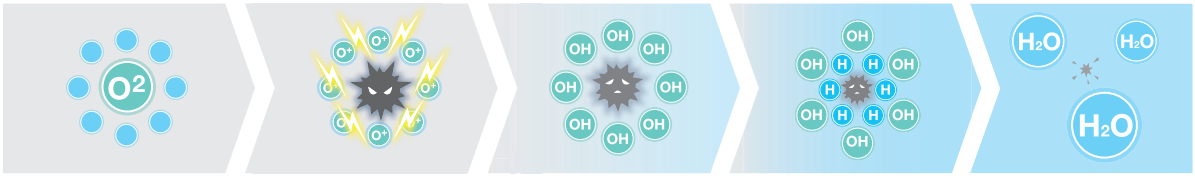
The powerful Plasmaster™ Ionizer++ removes unpleasant odors, along with Escherichia coli and Staphylococcus on surfaces, using over 8 million ions. Experience a safer, cleaner indoor environment.

※ Specifications may vary for each model.
※ Depending on the experimental conditions.

How It Works

Reduction and Deodorization (Utilizes Over 8 Million Ions)

Plasmaster Ionizer+ reduces E.coli and Staphylococcus in the surface with over 8 million ions.

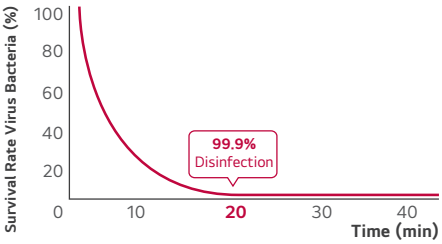


Release of Ions into Air	Surrounding Harmful Substances	OH Radical Production	Chemical Reaction	Disinfection
Ions are released into the air.	H- and O- bond to harmful particles.	OH radicals inactivate harmful substances.	OH radicals bond with H particles.	H_2O molecules are produced.

Test Result

Effective Reduction Performance

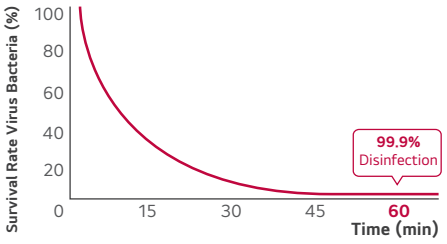
Remove Bacteria E.coli over 99.9% in 20 min



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

Staphylococcus Sterilization

Remove Staphylococcus aureus over 99.9% in 60 min



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

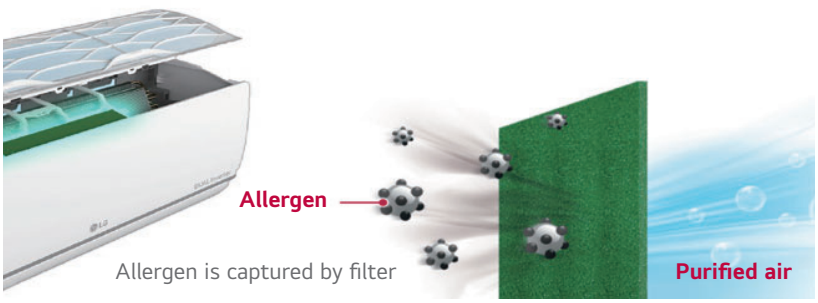
Allergy Filter

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

※ Specifications may vary for each model.

How It Works

Removes allergy-causing substances, such as dust mites that can be found in the air.



UVnano™

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

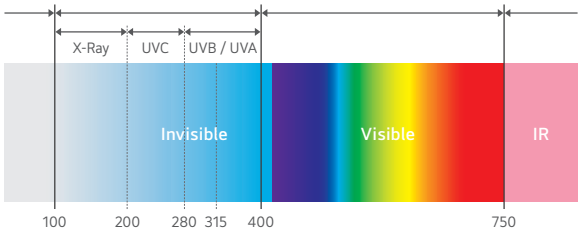
※ UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV(ultraviolet) and nanometer (unit of length).

What Is UVnano™ and How It Works?

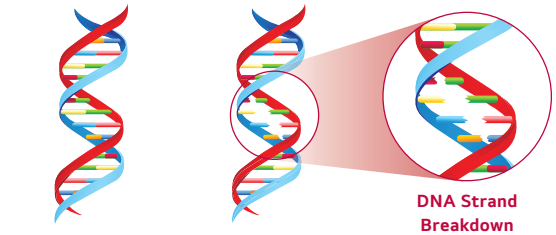
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria/mold/viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

DNA Absorption Efficiency by Wavelength

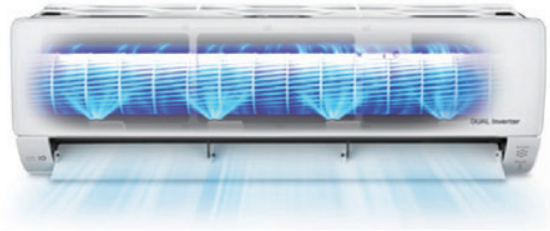
Electromagnetic Spectrum and Types



Destruction Nuclear Sequence (Chain)



Before irradiation After irradiation



UVC Applied Product

LG Product

Humidifier Stand AC Water Purifier Refrigerator

Various Product Lines

Utensil Earbud Surgery Kit Air Cleaning Robot

Benefit & Verification

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

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

TÜVRheinland®

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

Embedded Wi-Fi

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

※ Specifications may vary for each model.

ThinQ

Download the ThinQ app from Google or Apple app stores.

ThinQ™

Download on the App Store

GET IT ON Google Play

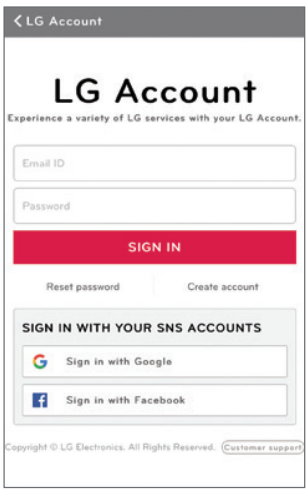
How it Works

① Turn on "ThinQ" on your air conditioner

Benefit from the embedded Wi-Fi modem and enjoy unlimited innovation.

② Easy Registration and Log-in

Follow the interactive setup steps to activate ThinQ's impressive features by setting up your LG Account.



③Enjoy Unlimited Innovation

Once registered, experience seamless connectivity and explore the innovative features offered through ThinQ.

Wi-Fi Connectivity

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

Multiple Devices

Multi-Control

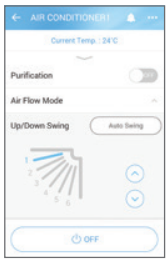
※ Can be controlled by multiple users, but not simultaneously.

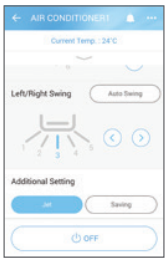
Benefit

Simple operation for various functions

Energy Monitoring

Smart Diagnosis



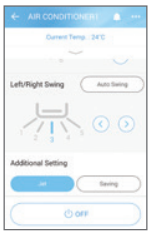


Filter Management

Integrated Home Appliances Control

Monitor and control your LG appliances from one place.

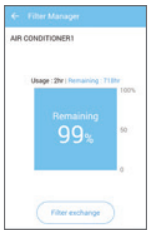
Straight-forward management



Reservation

Energy Monitoring

Smart Diagnosis



Filter Management

Access your air conditioner anytime and from anywhere

with a Wi-Fi equipped device and LG's exclusive control app, ThinQ.

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

Smart Diagnosis

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

※ Specifications may vary for each model.
※ When connected to Multi ODU, Smart Diagnosis function may not be supported.

What is Smart Diagnosis?

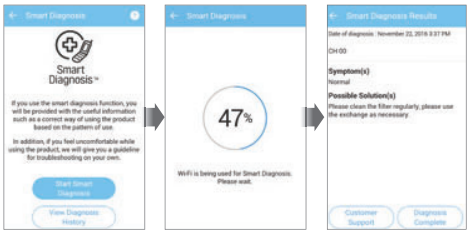
Smart Diagnosis allows users to conveniently check setup, installation, troubleshooting and other information directly from a smartphone.

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

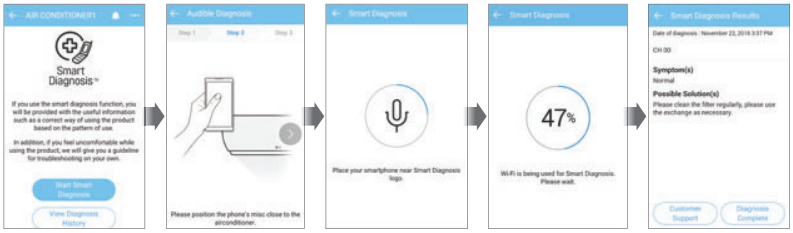
How it Works

Embedded Wi-Fi Model

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



Non Embedded Wi-Fi Model



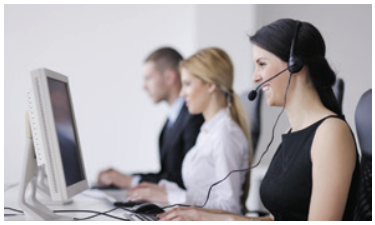
Benefit

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

For Consumer

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

For Installer and SVC



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

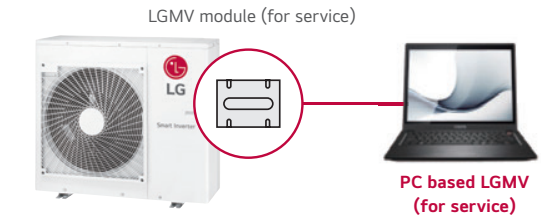
※ For our policy of continuous ThinQ App improvement, specification, design and features are subject to change without prior notice.

Mobile LGMV (Monitoring View)

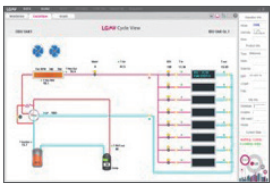
LG MV simplifies the inspection (diagnosis) and monitoring of air conditioning units for engineers, allowing easy access through your smartphone or PC.

※ Specifications may vary for each model.

PC Version



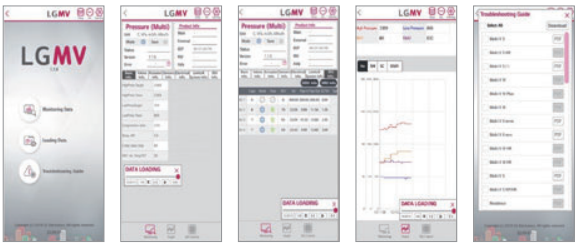
Operation Information



Cycle View

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

Smartphone Version



Monitoring Data | Diagnosis | Commissioning | Troubleshooting Guide

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

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

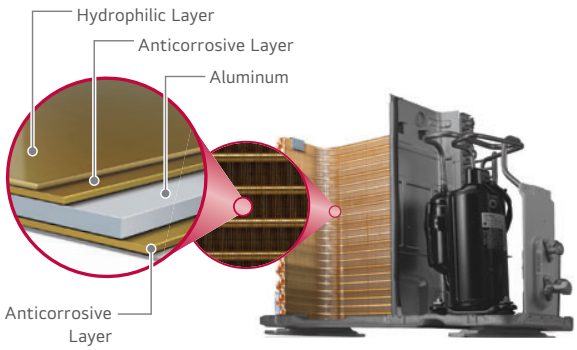
Gold Fin™

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

※ Specifications may vary for each model. ※ Depending on the experimental conditions.

How It Works

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



Test Result

Conventional Fin

Gold Fin™

※ Test Condition
- Test standard : ISO9227:2017 , ISO10289:1999, ASTM B 117 Salt spray test
- Test Sample : Al Fin sheet (100μm, 70 X 150 mm) + Organic Coating (1.65g/m²)
- Setting Condition : (35±2)℃, 6.5 ~ 7.2 pH, (5±1)% NaCl salt fog spray, 5000 h
- Test Result : Not More than 0.05% of corrosion area ratio. (over R.N. 9.5)

TÜVRheinland®

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

Option: Black frame

Wi-Fi

R32

DUALInverter Compressor | Low Noise 19dB | Comfort Humidity Control | Fast Cooling | Fast Heating | Freeze Cleaning | Plasmaster Ionizer++

Mobile LG MV | Embeded Wi-Fi | Smart Diagnosis | Gold Fin | Multi Compatible | 3 Way Swing

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

Single Combination

UNIT				9K	12K
INDOOR				**A09GA2.NSE**	**A12GA2.NSE**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 4.70
	Heating -7°C	Rated	kW	2.60	3.20
Power Input	Cooling / Heating	Rated	W	600 / 808	1,020 / 1,078
EER			W/W	4.17	3.43
S.E.E.R.				7.2	6.9
P design C			kW	2.5	3.5
COP			W/W	4.08	3.71
S.C.O.P		(Average / Warmer)		4.3 / 4.9	4.3 / 4.9
P design H (Average / Warmer)			kW	2.7 / 1.4	2.7 / 1.4
Energy Label (A+++ to D Scale)	Cooling			A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++
Annual Energy Consumption	Cooling		kWh	121	177
	Heating	(Average / Warmer)	kWh	879 / 373	879 / 373
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42	28 / 36 / 42
Sound Power	Cooling		dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3 / 6 / 8 / 10 / 12	3 / 6 / 8 / 10 / 12
	Heating	L / M / H	m^3/min	6 / 8 / 10	6 / 8 / 10
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Min. / Rated / Max.	A	1.1 / 3.0 / 6.0	1.1 / 4.6 / 6.2
	Heating	Min. / Rated / Max.	A	1.1 / 3.7 / 7.2	1.1 / 4.8 / 7.2
Starting Current	Cooling / Heating	Rated	A	3.0 / 3.7	4.6 / 4.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	20
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20
Fan Motor Output			W	32.7	32.7
OUTDOOR				**A09GA2.U18**	**A12GA2.U18**
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	50 / 53	50 / 53
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate		High	m^3/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	0.800	0.800
			t-CO_2 eq	0.540	0.540
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	43	43
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	33.4	33.4
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

Option: Black frame

Wi-Fi

R32

DUAL Inverter Compressor | Low Noise 19dB | Comfort Humidity Control | Fast Cooling | Fast Heating | Freeze Cleaning | Plasmaster Ionizer++

Mobile LG MV | Embeded Wi-Fi | Smart Diagnosis | Gold Fin | Multi Compatible | 3 Way Swing

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

Single Combination

UNIT				9K	12K
INDOOR				**A09GA1.NSE**	**A12GA1.NSE**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 4.70
	Heating -7°C	Rated	kW	2.60	3.20
Power Input	Cooling / Heating	Rated	W	600 / 808	1,020 / 1,078
EER			W/W	4.17	3.43
S.E.E.R.				7.2	6.9
P design C			kW	2.5	3.5
COP			W/W	4.08	3.71
S.C.O.P		(Average / Warmer)		4.3 / 4.9	4.3 / 4.9
P design H (Average / Warmer)			kW	2.7 / 1.4	2.7 / 1.4
Energy Label (A+++ to D Scale)	Cooling			A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++
Annual Energy Consumption	Cooling		kWh	121	177
	Heating	(Average / Warmer)	kWh	879 / 373	879 / 373
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 36 / 42	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 36 / 42	28 / 36 / 42
Sound Power	Cooling		dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3 / 6 / 8 / 10 / 12	3 / 6 / 8 / 10 / 12
	Heating	L / M / H	m^3/min	6 / 8 / 10	6 / 8 / 10
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Min. / Rated / Max.	A	1.1 / 3.0 / 6.0	1.1 / 4.6 / 6.2
	Heating	Min. / Rated / Max.	A	1.1 / 3.7 / 7.2	1.1 / 4.8 / 7.2
Starting Current	Cooling / Heating	Rated	A	3.0 / 3.7	4.6 / 4.8
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	20	20
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20
Fan Motor Output			W	32.7	32.7
OUTDOOR				**A09GA1.U18**	**A12GA1.U18**
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	50 / 53	50 / 53
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate		High	m^3/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	0.800	0.800
			t-CO_2 eq	0.540	0.540
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	43	43
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	33.4	33.4
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

(end of life)

Wi-Fi

R32

Auto Cleaning | Voice Control | Embedded Wi-Fi | 3 Way Swing | Gold Fin | Jet Cool | Fast Heating

Dual Inverter COMPRESSOR

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

Single Combination

UNIT				9K	12K
INDOOR				**A09FT NSF**	**A12FT NSF**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10
	Heating -7°C	Rated	kW	3.20	3.50
Power Input	Cooling / Heating	Rated	W	658 / 831	1,050 / 1,108
EER			W/W	3.80	3.33
S.E.E.R.				6.80	6.60
P design C			kW	2.50	3.50
COP			W/W	3.97	3.61
S.C.O.P		(Average / Warmer)		4.00 / 4.60	4.00 / 4.60
P design H (Average / Warmer)			kW	2.70 / 1.50	2.70 / 1.50
Energy Label (A+++ to D Scale)	Cooling			A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++
Annual Energy Consumption	Cooling		kWh	129	186
	Heating	(Average / Warmer)	kWh	945 / 457	945 / 457
Sound Pressure	Cooling	S / L / M / H	dB(A)	27 / 35 / 39 / 45	27 / 35 / 39 / 45
	Heating	L / M / H	dB(A)	35 / 39 / 45	35 / 39 / 45
Sound Power	Cooling		dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	6.0 / 7.6 / 9.0 / 10.0	6.0 / 7.6 / 9.0 / 10.0
	Heating	L / M / H	m^3/min	6.1 / 7.8 / 9.3	6.1 / 7.8 / 9.3
Dehumidification Rate			l/h	1.1	1.3
Running Current	Cooling	Min. / Rated / Max.	A	1.10 / 3.20 / 6.00	1.10 / 4.90 / 6.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.10 / 7.00	1.10 / 5.10 / 7.00
Starting Current	Cooling / Heating	Rated	A	3.20 / 4.10	4.90 / 5.10
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	600 x 600 x 146	600 x 600 x 146
Net Weight			kg	14.4	14.4
Fan Motor Output			W	16.7	16.7
OUTDOOR				**A09FT UL2**	**A12FT UL2**
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	51 / 51	51 / 51
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate		High	m^3/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	0.800	0.800
			t-CO^2 eq	0.540	0.540
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	43	43
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	34.4	34.4
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				-	-
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				-	-

※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO2eq : F-gas(kg)*GWP/1000
※ Specification, design and feature are subject to change without prior notice.

UVnano™

Wi-Fi

R32

DUAL Inverter Compressor | Low Noise 19dB | Active Energy Control | Fast Cooling | Fast Heating | Plasmaster Ionizer++ | Allergy Filter

Mobile LG MV | Embeded Wi-Fi | Smart Diagnosis | Gold Fin | Multi Compatible

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				AC09BK NSJ	AC12BK NSJ	AC18BK NSK	AC24BK NSK
INDOOR				AB09BK NSJ	AB12BK NSJ	AB18BK NSK	AB24BK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
Power Input	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 /1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1,270 / 555	1,628 / 713
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	59	59	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 /15.5	8.0 / 10.5 / 13.1 / 16.1 /18.3
	Heating	L / M / H	m^3/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Net Weight			kg	9.9	9.9	12.8	13.5
Fan Motor Output			W	30	30	30	58
OUTDOOR				AC09BK UA3	AC12BK UA3	AC18BK UL2	AC24BK U24
OUTDOOR				AB09BK UA3	AB12BK UA3	AB18BK UL2	AB24BK U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m^3/min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	7	7	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
			t-CO_2 eq	0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				-	-	-	-
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

R32 Wi-Fi

DUAL Inverter Compressor | Low Noise 19dB | Active Energy Control | Fast Cooling | Fast Heating | Plasmaster Ionizer++ | Allergy Filter | Mobile LG MV | Embeded Wi-Fi | Smart Diagnosis | Gold Fin

(end of life)

DUAL Inverter

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Single Combination

UNIT				9K	12K
INDOOR				**F09MT NSM**	**F12MT NSM**
Capacity	Cooling	Min. / Rated / Max.	kW	0.30 / 2.50 / 4.00	0.30 / 3.50 / 4.25
	Heating	Min. / Rated / Max.	kW	0.30 / 3.20 / 6.90	0.30 / 4.00 / 7.32
	Heating -7°C	Rated	kW	4.30	4.70
Power Input	Cooling / Heating	Rated	W	490 / 593	833 / 785
EER			W/W	5.10	4.20
S.E.E.R.				9.40	9.10
P design C			kW	2.50	3.50
COP			W/W	5.40	5.10
S.C.O.P		(Average / Warmer)		5.10 / 6.60	5.10 / 6.60
P design H (Average / Warmer)			kW	3.70 / 2.05	3.80 / 2.05
Energy Label (A+++ to D Scale)	Cooling			A+++	A+++
	Heating	(Average / Warmer)		A+++ / A+++	A+++ / A+++
Annual Energy Consumption	Cooling		kWh	93	135
	Heating	Average	kWh	1,016	1,043
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 40	19 / 27 / 35 / 40
	Heating	L / M / H	dB(A)	27 / 35 / 40	27 / 35 / 40
Sound Power	Cooling		dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	6.6 / 8.7 / 11.1 / 12.4 / 15.5	6.6 / 8.7 / 11.1 / 12.4 / 15,5
	Heating	L / M / H	m^3/min	8.7 / 11.1 / 14.3	8.7 / 11.1 / 14.3
Dehumidification Rate			l/h	1.7	1.7
Running Current	Cooling	Min. / Rated / Max.	A	0.70 /3.80 / 8.10	0.70 / 6.10 / 8.10
	Heating	Min. / Rated / Max.	A	1.05 / 4.60 / 8.80	1.05 / 5.80 / 8.80
Starting Current	Cooling / Heating	Rated	A	3.80 / 4.60	6.10 / 5.80
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	875 x 295 x 235	875 x 295 x 235
Net Weight			kg	11.0	11.0
Fan Motor Output			W	30	30
OUTDOOR				**F09MT U24**	**F12MT U24**
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C DB	-25 / 24	-25 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	48 / 50	48 / 50
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate		High	m^3/min	49	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	1.000	1.000
			t-CO_2 eq	0.675	0.675
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	85	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	43.0	43.0
Dimension			mm	870 x 650 x 330	870 x 650 x 330
ACCESSORIES & OTHERS					
Multi Compatible				-	-
PI 485				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

R32 Wi-Fi

DUAL Inverter Compressor | Soft Air | Dual Vane | Low Noise 19dB | Comfort Humidity Control | KW Manager | Window Open Detecting | Active Energy Control | Fast Cooling | Fast Heating | Freeze Cleaning | Plasmaster Ionizer++ | Allergy Filter | Low Refrigerant Detection | Mobile LG MV | Embeded Wi-Fi | Gold Fin | Multi Compatible

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				**H09S1D.NS1**	**H12S1D.NS1**	**H18S1D.NS1**	**H24S1D.NS1**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.80	0.89 / 3.50 / 4.20	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.65 / 3.20 / 4.90	0.65 / 4.00 / 5.40	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	3.30	3.60	4.20	6.00
Power Input	Cooling / Heating	Rated	W	555 / 700	890 / 920	1,545 / 1,560	2,164 / 2,238
EER			W/W	4.50	3.93	3.24	3.05
S.E.E.R.				8.70	8.50	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.57	4.35	3.72	3.35
S.C.O.P		(Average / Warmer)		4.60	4.60	4.30	4.30
P design H (Average / Warmer)			kW	2.80	2.80	3.90	5.00
Energy Label (A+++ to D Scale)	Cooling			A+++	A+++	A++	A++
	Heating	(Average / Warmer)		A++	A++	A+	A+
Annual Energy Consumption	Cooling		kWh	103	144	250	335
	Heating	(Average / Warmer)	kWh	852	852	1,270	1,628
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 40	19 / 27 / 37 / 40	29 / 34 / 42 / 47	29 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 40	27 / 35 / 40	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling		dB(A)	60	60	65	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	2.0 / 5.7 / 8.1 / 10.5 / 13.6	2.0 / 5.7 / 8.1 / 10.5 / 13.6	- / 8.1 / 9.9 / 11.7 / 13.6	- / 8.1 / 9.9 / 11.7 / 14.8
	Heating	L / M / H	m^3/min	5.7 / 8.1 / 10.5	5.7 / 8.1 / 10.5	8.1 / 9.9 / 11.7	8.1 / 11.1 / 13.6
Dehumidification Rate			l/h	1.15	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.5 / 2.6 / 5.5	1.5 / 4.1 / 6.1	1.6 / 6.9 / 9.0	1.6 / 9.8 / 14.0
	Heating	Min. / Rated / Max.	A	1.5 / 3.2 / 6.3	1.5 / 4.25 / 7.0	1.6 / 7.0 / 9.5	1.6 / 10.0 / 14.0
Starting Current	Cooling / Heating	Rated	A	2.6 / 3.2	4.10 / 4.25	6.9 / 7.0	9.8 / 10.0
Power Supply			Ø / V / Hz	1/220-240/50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	15	20
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0	3 x 1.0	3 x 2.5
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	895 X 307 X 235	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	12.6	12.6	13	13
Fan Motor Output			W	30	30	30	30
OUTDOOR				**H09S1D.U12**	**H12S1D.U12**	**H18S1D.U18**	**H24S1D.U24**
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	49 / 51	49 / 51	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m^3/min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	7	10	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.800	0.800	1.050	1.150
			t-CO_2 eq	0.540	0.540	0.710	0.780
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				N	N	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ Open window detection from April 2024 manufactured models
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※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
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R32

Wi-Fi

DUALInverter Compressor | Soft Air | Dual Vane | Low Noise 19dB | Comfort Humidity Control | KW Manager | Window Open Detecting | Active Energy Control

Fast Cooling | Fast Heating | Freeze Cleaning | Plasmaster Ionizer++ | Allergy Filter | Low Refrigerant Detection | Mobile LG MV | Embeded Wi-Fi

Human Detecting Sensor | Gold Fin | Multi Compatible

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

UNIT				9K	12K
INDOOR				**H09S1P.NS1**	**H12S1P.NS1**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 4.00	0.89 / 3.50 / 4.35
	Heating	Min. / Rated / Max.	kW	0.65 / 3.20 / 5.50	0.65 / 4.00 / 6.00
	Heating -7°C	Rated	kW	3.60	4.00
Power Input	Cooling / Heating	Rated	W	510 / 640	815 / 850
EER			W/W	4.9	4.29
S.E.E.R.				9.7	9.5
P design C			kW	2.5	3.5
COP			W/W	5.00	4.71
S.C.O.P		(Average / Warmer)		5.1	5.1
P design H (Average / Warmer)			kW	2.8	2.8
Energy Label (A+++ to D Scale)	Cooling			A+++	A+++
	Heating	(Average / Warmer)		A+++	A+++
Annual Energy Consumption	Cooling		kWh	90	129
	Heating	(Average / Warmer)	kWh	769	769
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 40	19 / 27 / 35 / 40
	Heating	L / M / H	dB(A)	27 / 35 / 40	27 / 35 / 40
Sound Power	Cooling		dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	2.0 / 5.7 / 8.1 / 10.5 / 13.6	2.0 / 5.7 / 8.1 / 10.5 / 13.6
	Heating	L / M / H	m^3/min	5.7 / 8.1 / 10.5	5.7 / 8.1 / 10.5
Dehumidification Rate			l/h	1.15	1.30
Running Current	Cooling	Min. / Rated / Max.	A	1.3 / 3.1 / 6.0	1.3 / 3.75 / 6.5
	Heating	Min. / Rated / Max.	A	1.3 / 3.2 / 7.0	1.3 / 4.0 / 7.5
Starting Current	Cooling / Heating	Rated	A	3.1 / 3.2	3.75 / 4.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	12.5	12.5
Fan Motor Output			W	30	30
OUTDOOR				**H09S1P.U18**	**H12S1P.U18**
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	49 / 51	49 / 51
Sound Power	Cooling	High	dB(A)	65	65
Air Flow Rate		High	m^3/min	35	35
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20
	Elevation (ODU / IDU)	Min. / Max.	m	10	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	0.900	0.900
			t-CO_2 eq	0.608	0.608
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	43	43
Compressor Type				Twin Rotary	Twin Rotary
Net Weight			kg	29.9	29.9
Dimension			mm	770 x 545 x 288	770 x 545 x 288
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				Y	Y
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ Open window detection from April 2024 manufactured models
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
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※ t-CO_2eq : F-gas(kg)*GWP/1000
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R32 Wi-Fi UVnano™

DUAL Inverter Compressor | Low Noise 19dB | Active Energy Control | Fast Cooling | Fast Heating | Plasmaster Ionizer++ | Allergy Filter
Low Refrigerant Detection | Mobile LG MV | Embeded Wi-Fi | Smart Diagnosis | Gold Fin | Multi Compatible

DUAL Inverter

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				DC09RK NSJ	DC12RK NSJ	DC18RK NSK	DC24RK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.20 / 5.00	0.89 / 4.00 / 6.00	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	3.20	3.50	4.20	6.00
Power Input	Cooling / Heating	Rated	W	572 / 711	933 / 976	1,562 / 1,611	2,164 / 2,238
EER			W/W	4.37	3.75	3.20	3.05
S.E.E.R.				7.90	7.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.50	4.10	3.60	3.35
S.C.O.P		(Average / Warmer)		4.60 / 5.40	4.60 / 5.40	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.80 / 1.50	2.90 / 1.50	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A++ / A++	A++ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	111	161	250	335
	Heating	(Average / Warmer)	kWh	852 / 389	883 / 389	1,270 / 555	1,628 / 713
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 37 / 42	27 / 37 / 42	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	60	60	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3.5 / 5.5 / 9.0 / 11.0 /13.0	3.5 / 5.5 / 9.0 / 11.0 /13.0	8.0 / 10.5 / 13.0 / 14.5 /15.5	8.0 / 10.5 / 13.1 / 16.1 /18.3
	Heating	L / M / H	m^3/min	6.5 / 9.0 / 11.0	6.5 / 9.0 / 11.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.00 / 2.50 / 6.00	1.00 / 4.00 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.00 / 3.20 / 7.00	1.00 / 4.30 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	2.50 / 3.20	4.00 / 4.30	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	9.1	9.1	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				DC09RK UL2	DC12RK UL2	DC18RK UL2	DC24RK U24
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	49 / 51	49 / 51	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m^3/min	35	35	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	10	10	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.800	0.800	1.000	1.100
			t-CO_2 eq	0.540	0.540	0.675	0.743
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	34.1	34.1	34.4	46.0
Dimension			mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

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

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Single Combination

UNIT				9K	12K	18K	24K
INDOOR				PC09ST NSJ	PC12ST NSJ	PC18ST NSK	PC24ST NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
Power Input	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 / 1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1,270 / 555	1,628 / 713
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	59	59	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H	m^3/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				PC09ST UA3	PC12ST UA3	PC18ST UL2	PC24ST U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure*	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m^3/min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	7	7	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
			t-CO_2 eq	0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				-	-	-	-
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

R32 Wi-Fi UVnano™

Allergy Filter | Auto Cleaning | Ultrafine Dust Sensing (PM 1.0) | Voice Control | Embedded Wi-Fi | Active Energy Control | Energy Display

Comfort Air | 4 Way Swing | Silent Mode | Gold Fin | Jet Cool | Fast Heating

Dual Inverter COMPRESSOR

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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Single Combination

UNIT				9K	12K
INDOOR				**AP09RK NSJ**	**AP12RK NSJ**
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.00
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 4.70
	Heating -7°C	Rated	kW	2.60	3.00
Power Input	Cooling / Heating	Rated	W	710 / 850	1,160 / 1,130
EER			W/W	3.52	3.02
S.E.E.R.				6.60	6.20
P design C			kW	2.50	3.50
COP			W/W	3.88	3.54
S.C.O.P		(Average / Warmer)		4.0 / 5.0	4.0 / 5.0
P design H (Average / Warmer)			kW	2.5 / 1.4	2.5 / 1.4
Energy Label (A+++ to D Scale)	Cooling			A++	A++
	Heating	(Average / Warmer)		A+ / A++	A+ / A++
Annual Energy Consumption	Cooling		kWh	133	198
	Heating	(Average / Warmer)	kWh	875 / 393	875 / 393
Sound Pressure	Cooling	S / L / M / H	dB(A)	21 / 27 / 35 / 42	21 / 27 / 35 / 42
	Heating	L / M / H	dB(A)	30 / 35 / 41	30 / 35 / 41
Sound Power	Cooling		dB(A)	59	59
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m^3/min	3.0 / 4.2 / 6.6 / 10.0 / 11.0	3.0 / 4.2 / 6.6 / 10.0 / 11.0
	Heating	L / M / H	m^3/min	4.2 / 6.6 / 10.0	4.2 / 6.6 / 10.0
Dehumidification Rate			l/h	1.10	1.30
Running Current	Cooling	Min. / Rated / Max.	A	1.1 / 3.5 / 6.0	1.1 / 5.2 / 6.2
	Heating	Min. / Rated / Max.	A	1.1 / 4.0 / 7.0	1.1 / 5.1 / 7.0
Starting Current	Cooling / Heating	Rated	A	3.50 / 4.00	5.20 / 5.10
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15
Power Supply Cable			N x mm^2	3 x 1.0	3 x 1.0
Power & Transmission Cable			N x mm^2	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	857 x 348 x 189	857 x 348 x 189
Net Weight			kg	9.4	9.4
Fan Motor Output			W	30	30
OUTDOOR				**AP09RK UA3**	**AP12RK UA3**
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50
Sound Power	Cooling	High	dB(A)	65	65
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15
	Elevation (ODU / IDU)	Min. / Max.	m	7	7
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32
	Charge at 7.5m		kg	0.700	0.700
			t-CO_2 eq	0.473	0.473
	Additional Charge		g/m	20	20
	GWP			675	675
Fan Motor Output			W	43	43
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.8	25.8
Dimension			mm	717 x 495 x 230	717 x 495 x 230
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO2eq : F-gas(kg)*GWP/1000
※ Specification, design and feature are subject to change without prior notice.

		ARTCOOL			DUALCOOL					
		Gallery Premium	Gallery Special	Mirror/ Beige	Prestige	Premium	Deluxe	Deluxe inverter DC	Standaard PLUS PC	Air Purification AP
Wired Remote Controller	5k									
	7k									
	9k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	12k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	15k									
	18k			Y				Y	Y	-
	24k			Y				Y	Y	-
PI 485 PMNFP14A1	5k									
	7k									
	9k	Y	Y	-	-	Y	-	Y	-	-
	12k	Y	Y	-	-	Y	-	Y	-	-
	15k									
	18k			-				Y	-	-
	24k			-				Y	-	-
Dry Contact	5k									
	7k									
	9k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	12k	Y	Y	Y	Y	Y	Y	Y	Y	Y
	15k									
	18k			Y				Y	Y	-
	24k			Y				Y	Y	-

* Y : Available
* When connected to Multi 14k & 16k Outdoor units, this may not be supported.

Standard Wired Remote Controller

Standard III
PREMTB101

Standard III
PREMTBB11

Standard II
PREMTB001

Standard II
PREMTBB01

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

※ Refer to each model PDB for applicable models.

Dry Contact

PDRYCB000

PDRYCB400

PDRYCB320

PDRYCB500 / PDRYCB510*

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

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

Remote Controller

DUALCOOL Prestige
DELUXE INVERTER DC
STANDAARD PLUS PC

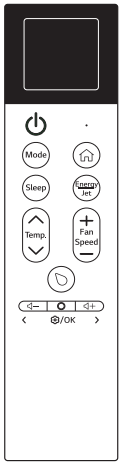
Button	Display Screen	Description
⏻	-	To turn on / off the air conditioner.
TEMP ∧ ∨	88°C	To adjust the desired room temperature in cooling, heating or auto changeover mode.
COMFORT AIR	-	To adjust the air flow to indirect wind.
LIGHT OFF	-	To set the brightness of the display on the indoor unit.
MODE	❄	To select the cooling mode.
	☀	To select the heating mode.
	💧	To select the dehumidification mode.
	🌀	To select the fan mode.
	A	To select the auto changeover / auto operation mode.
FAN SPEED	≡	To adjust the fan speed.
ENERGY CTRL.	-	To bring the effect of the power saving.
JET MODE	Po	To change room temperature quickly.
SWING SWING		To adjust the air flow direction vertically or horizontally.
ROOM TEMP		To display the room temperature.
°C ↔ °F[5sec]	°C °F	To change unit between °C and °F.
SET/ CANCEL	-	To set / cancel the functions and timer.
∨ ∧	-	To adjust time.
TIMER	-	To turn on / off air conditioner automatically.
CANCEL	-	To cancel the timer settings.

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

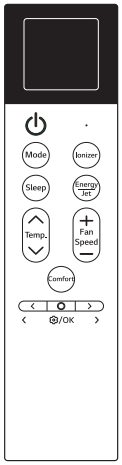
DUALCOOL Premum
DUALCOOL Deluxe

Button	Description
⏻	**Power** Turns the appliance on or off.
	Connecting to LG ThinQ Press Power button to prepare the statue for connecting appliance and wi-fi.
Mode	**Mode** Selects the desired operation mode. • Each press changes the modes in this order: Cooling → Auto → Dehumidification → Heating → Fan
Soft Air	**Soft Air** Keep you cool without feeling a draft.
Temp. ∧ ∨	**Temperature ∧, ∨** Adjusts the desired room temperature.
+ Fan Speed −	**Fan Speed +, −** Adjust the fan speed.
	Up-Down Swing Adjusts the airflow direction up and down.
	Cleaning Mode While the remote control and appliance turned off, press and hold the button for about 5 seconds to fix the vane for cleaning the vane easily.
Jet Mode	**Jet Mode** Changes the room temperature quickly.
	Energy Control Decrease the power input. You can control energy consumption.
‹ Exit (3s)	**Exit (3 s)** When entering the settings, press and hold the button for about 3 seconds to return the previous setting.
⚙/OK	**Function** Selects the desired function.
	Air Purify Supplies clean, fresh air using ion particles.
› Indoor Temp. (3s)	**Indoor Temperature (3 s)** Press and hold the button for about 3 seconds to displays the room temperature.
	❶ **Reset** Resets the wireless remote control setting.

Remote Controller



ARTCOOL
Gallery Premium



ARTCOOL
Gallery Special

Image	De scription
⏻	**Power** Turns the appliance on or off.
	Connecting to LG ThinQ Prepare the status for connecting product and wi-fi by pressing and holding the Power button for 3 seconds.
Mode	**Mode** Selects the desired operating mode such as cooling, auto, dehumidification, heating, or fan, or connects the product and remote control. • Each press changes the mode in this order: Cooling → Auto → Dehumidification → Heating → Fan • Connect the product and remote control by pressing and holding the button for 3 seconds.
Sleep	**Sleep** Sets sleep mode to help you sleep better. • Sleep reservation starts from 30 minutes and can be set in hourly increments up to 12 hours.
	Display Premium only Turns the product's screen on, off, or changes it. • Each time you press the Display button, the product screen changes in the order of cover screen ? home screen. • Turn the product's screen on or off by pressing and holding the 🏠 button for 3 seconds.
Energy Jet	**Energy/Jet** Sets Power Saving, Smart Care, Cool Power, or sets to Comfort Air. • Each time you press the Energy/Jet button, the mode changes in order of Power Saving ? Smart Care ? Cool Power ? Cooling. • Turn indirect wind On or Off by pressing and holding the Energy/Jet button for 3 seconds.
Temp.	**Temperature** ∧,∨ Adjust the desired temperature by pressing the ∧,∨ button on the remote control. • The desired temperature can be set between 18℃ and 30℃ for cooling mode. • The desired temperature can be set between 16℃ and 30℃ for heating mode.
+ Fan Speed −	**Fan Speed** +, − Adjusts the fan speed • The fan speed can be set in order of 1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ natural wind.
Comfort	**Comfort** Special only Adjust in the way that no air comes out of the air outlet at the bottom of the product so that it is not directly hit by air.
‹ ○ ›	‹ › Special only Move left and right for using the Setting.
	Pointer Premium only Checks or sets various functions on the product screen using the remote control.

🔈−	**Sound Volume -** Premium only Reduces or turns off the notification sound that notifies you when you set up or change product features.
🔈+	**Sound Volume +** Premium only Turns on or increases the notification sound that notifies you when you set up or change product features.
⚙	⚙ Sets Ionizer, AI drying, heat exchanger cleaning, sleep, on and off timer, or cancels all reservations, smart diagnosis, and status indicator.
	❶ **Reset** Resets the wireless remote control setting. Open the remote control battery cover and then press the Reset button to reset it.
⏻ + 🏠	Premium only If the product system operates slowly or freezes while using the product, or if the product suddenly turns off, you can restart the product. • Press and hold the ⏻ button and the 🏠 button on the remote control at the same time for 3 seconds.
Ionizer	Ion particles from Ionizer reduce the surface bacteria and other harmful substances.
AI Drying	Moisture remaining in the heat exchanger can be removed by operating the product in a blowing state for a certain period of time.
Sleep	Sets sleep mode to help you sleep better. • Sleep mode starts from 30 minutes and can be set in hourly increments up to 12 hours
On Timer	Schedules the product to turn on. • For On Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Off Timer	Schedules the product to turn off. • For Off Timer, you can set the desired time in 1-hour increments from 1 hour to 24 hours.
Cancel Entire Reservation	Cancels all reserved features.
Smart Diagnosis	Diagnoses the cause of product failure.
Status Indicator	Special only Turns on and off the LED light which is located on the lower right side of the product.

NOTE
- Depending on the remote control's Bluetooth connection status, the screen that appears on the remote control display may vary.
- When you turn the remote control off and on again, the last used settings will appear on the remote control display.
- Depending on the model, the remote control display may differ from the image in the owner's manual.
- Available features may vary depending on the model.

MULTI SPLIT

kBtu/h			5	7	9	12	15	18	24
kW			1.5	2.1	2.6	3.5	4.2	5.3	7.0
Wall Mounted	Gallery Premium				○● A09GA2.NSE	○● A12GA2.NSE			
	Gallery Special				○● A09GA1.NSE	○● A12GA1.NSE			
	Gallery (end of life)				● MA09R.NS1	● MA09R.NS1			
	Mirror	UVnano™ 		● AM07BK.NSJ	○● AC09BK.NSJ	○● AC12BK.NSJ		○● AC18BK.NSK	○● AC24BK.NSK
	Beige	UVnano™ 			○● AB09BK.NSJ	○● AB12BK.NSJ		○● AB18BK.NSK	○● AB24BK.NSK
	Dualcool Deluxe				○● H09S1D.NS1	○● H12S1D.NS1		○● H18S1D.NS1	○● H24S1D.NS1
	Dualcool Premium	UVnano™			○● H09S1P.NS1	○● H12S1P.NS1			
	Deluxe Inverter DC			● DM07RK.NSJ	○● DC09RK.NSJ	○● DC12RK.NSJ		○● DC18RK.NSK	○● DC24RK.NSK
	Standaard Plus PC		● PM05SK.NSA	● PM07SK.NSA	○● PC09ST.NSJ	○● PC12ST.NSJ	● PM15SK.NSJ	○● PC18ST.NSK	○● PC24ST.NSK
	Air purification AP				○● S09ET.NSJ	○● S12ET.NSJ			
Ceiling Mounted Cassette	1 Way Cassette				● MT09R.NU1	● MT11R.NU1			
	4 Way Cassette		● MT06R.NR0	● MT08R.NR0	○◎ CT09F.NR0	○◎ CT12F.NR0		○◎ CT18F.NQ0	○◎ CT24F.NB0
Ceiling Concealed Duct	Mid / High Static Pressure							○◎ CM18F.N10	○◎ CM24F.N10
	Low Static Pressure				○◎ CL09F.N50	○◎ CL12F.N50		○◎ CL18F.N60	
									○◎ CL24F.N30
Console	R32				○◎ UQ09F.NA0	○◎ UQ12F.NA0		○◎ UQ18F.NA0	

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

kBtu/h	14	16	18	21	24	27	30	40
kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8	11.7
Multi (R32)	 MU2R15.U13 2-port	 MU2R17.U13 2-port	 MU3R19.U23 3-port	 MU3R21.U23 3-port	 MU4R25.U22 4-port	 MU4R27.U42 4-port	 MU5R30.U42 5-port	 MU5R40.U42 5-port

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

※ All indoor units are compatible with R410A outdoor units.

R32

EUROVENT CERTIFIED PERFORMANCE
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Check ongoing validity of certification : www.eurovent-certification.com

OUTDOOR UNITS				MU2R15.U13	MU2R17.U13
Compressor	Type			Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	0.9 / 4.1 / 4.7	0.9 / 4.7 / 5.4
	Heating	Min. / Nom. / Max.	kW	1.0 / 4.7 / 5.4	1.0 / 5.1 / 5.5
Low Temperature Capacity	Heating -7°C	Max.	kW	3.7	4.0
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.4	0.2 / 1.2 / 1.8
	Heating	Min. / Nom. / Max.	kW	0.2 / 1.1 / 1.5	0.2 / 1.2 / 1.5
Running Current	Cooling	Min. / Nom. / Max.	A	1.0 / 4.4 / 6.2	1.0 / 5.4 / 8.0
	Heating	Min. / Nom. / Max.	A	1.1 / 4.7 / 6.5	1.1 / 5.3 / 6.7
EER				4.10	3.84
COP				4.40	4.25
SEER				8.60	8.50
SCOP				4.61	4.61
Pdesign (@-10°C)			kW	3.60	3.60
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++
Annual Energy Consumption	Cooling / Heating			167 / 1,095	193 / 1,095
Airflow Rate	Nom.		m^3/min	35	35
Sound Pressure*	Cooling	Nom.	dB(A)	45	46
	Heating	Nom.	dB(A)	48	49
Sound Power	Cooling	Max.	dB(A)	60	61
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288
Net Weight			Kg	32.5	32.5
Refrigerant	Type			R32	R32
	Charge		Kg	1.04	1.04
	Additional Charge		g/m	-	-
	GWP			675	675
	t-CO_2 eq			0.702	0.702
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-15 / 18	-15 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75
Circuit Breaker			A	13	13
Piping Length Total			m	30	30
Piping Length per Branch		Max.	m	20	20
Piping Elevation Difference	IDU - ODU	Max.	m	15	15
	IDU - IDU	Max.	m	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 2	Ø6.35 (1/4) × 2
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 2	Ø9.52 (3/8) × 2

* Sound Pressure is not a value declared on Eurovent Program.

Notes :

1. Capacities are based on the following conditions:
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases (R32)

R32

NF

* This authentication applies only to 18k, 21k.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

OUTDOOR UNITS				MU3R19.U23	MU3R21.U23	MU4R25.U22
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.1 / 5.3 / 6.3	1.1 / 6.2 / 7.3	1.1 / 7.0 / 8.5
	Heating	Min. / Nom. / Max.	kW	1.2 / 6.3 / 7.3	1.2 / 7.0 / 7.8	1.2 / 8.1 / 9.1
Low Temperature Capacity	Heating -7°C	Max.	kW	5.2	5.6	5.9
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.3 / 1.2 / 1.8	0.3 / 1.5 / 2.4	0.3 / 1.8 / 2.8
	Heating	Min. / Nom. / Max.	kW	0.3 / 1.3 / 1.9	0.3 / 1.6 / 2.2	0.3 / 1.8 / 2.9
Running Current	Cooling	Min. / Nom. / Max.	A	1.3 / 5.3 / 8.1	1.3 / 6.6 / 10.7	1.3 / 8.0 / 12.6
	Heating	Min. / Nom. / Max.	A	1.2 / 5.9 / 8.6	1.2 / 6.9 / 9.8	1.3 / 8.3 / 12.9
EER				4.43	4.15	4.00
COP				4.80	4.51	4.40
SEER				8.60	8.50	8.00
SCOP				4.65	4.65	4.40
Pdesign (@-10°C)			kW	5.00	5.00	5.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A++	A+++ / A++	A++ / A+
Annual Energy Consumption	Cooling / Heating			215 / 1,505	253 / 1,505	308 / 1,718
Airflow Rate	Nom.		m^3/min	50	50	50
Sound Pressure*	Cooling	Nom.	dB(A)	47	48	49
	Heating	Nom.	dB(A)	50	51	53
Sound Power	Cooling	Max.	dB(A)	61	62	64
Dimensions	W x H x D		mm	870 x 650 x 330	870 x 650 x 330	870 x 650 x 330
Net Weight			Kg	44.5	44.5	47.0
Refrigerant	Type			R32	R32	R32
	Charge		Kg	1.40	1.40	1.4
	Additional Charge		g/m	20	20	20
	GWP			675	675	675
	t-CO_2 eq			0.945	0.945	0.945
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-15 / 18	-15 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	16	16	20
Piping Length Total			m	50	50	70
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 3	Ø6.35 (1/4) x 4
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 3	Ø9.52 (3/8) x 4

* Sound Pressure is not a value declared on Eurovent Program.

Notes :

1. Capacities are based on the following conditions:
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases (R32)

R32

NF

* This authentication applies only to 30k, 40k.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

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

OUTDOOR UNITS				MU4R27.U42	MU5R30.U42	MU5R40.U42
Compressor	Type			Twin Rotary	Twin Rotary	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	1.3 / 7.9 / 9.5	1.3 / 8.8 / 10.6	1.3 / 11.2 / 14.7
	Heating	Min. / Nom. / Max.	kW	1.5 / 9.1 / 10.6	1.5 / 10.1 / 12.1	1.5 / 12.5 / 16.0
Low Temperature Capacity	Heating -7°C	Max.	kW	6.4	7.1	11.0
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.4 / 1.8 / 2.9	0.4 / 2.0 / 3.4	0.4 / 3.3 / 5.3
	Heating	Min. / Nom. / Max.	kW	0.6 / 2.1 / 3.4	0.6 / 2.2 / 3.6	0.4 / 3.1 / 5.3
Running Current	Cooling	Min. / Nom. / Max.	A	1.9 / 8.1 / 13.1	1.9 / 9.1 / 15.2	1.8 / 14.4 / 23.9
	Heating	Min. / Nom. / Max.	A	2.8 / 9.4 / 15.3	2.8 / 9.7 / 16.3	1.8 / 16.5 / 24.2
EER				4.39	4.40	3.50
COP				4.39	4.70	4.10
SEER				8.00	8.20	7.50
SCOP				4.30	4.30	4.40
Pdesign (@-10°C)			kW	7.00	7.40	9.10
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			346 / 2,214	376 / 2,344	523 / 2,896
Airflow Rate	Nom.		m^3/min	60	60	80
Sound Pressure*	Cooling	Nom.	dB(A)	48	49	52
	Heating	Nom.	dB(A)	52	53	54
Sound Power	Cooling	Max.	dB(A)	64	64	64
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330
Net Weight			Kg	63.5	64.1	74.0
Refrigerant	Type			R32	R32	R32
	Charge		Kg	2.3	2.6	2.8
	Additional Charge		g/m	20	20	20
	GWP			675	675	675
	t-CO_2 eq			1.553	1.755	1.890
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm^2	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	25	25	40
Piping Length Total			m	70	75	85
Piping Length per Branch		Max.	m	25	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15	15
	IDU - IDU	Max.	m	7.5	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 4	Ø6.35 (1/4) x 5	Ø6.35 (1/4) x 5
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 4	Ø9.52 (3/8) x 5	Ø9.52 (3/8) x 5

* Sound Pressure is not a value declared on Eurovent Program.

Notes :

1. Capacities are based on the following conditions:
   Cooling : - Indoor Temperature 27°C (80.6°F) DB / 19°C (66.2°F) WB - Outdoor Temperature 35°C (95°F) DB / 24°C (75.2°F) WB
   Heating : - Indoor Temperature 20°C (68°F) DB / 15°C (59°F) WB - Outdoor Temperature 7°C (44.6°F) DB / 6°C (42.8°F) WB
   Piping Length - Interconnecting Piping Length 7.5m - Level Difference of Zero.
2. ** : See page "Combination Table".
3. Due to our policy of innovation some specifications may be changed without notification.
4. At least two indoor units should be connected
5. Minimum combination ratio should be more than 40%.
6. This product contains fluorinated greenhouse gases (R32)

Wi-Fi

R32

DUAL Inverter Compressor | Low Noise 19dB | Comfort Humidity Control | Fast Cooling | Fast Heating | Plasmaster Ionizer++

Mobile LG MV | Embeded Wi-Fi | Gold Fin | RAC Compatible | 3 Way Swing

Option: Black frame

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Gallery Premium	-	-	○● A09GA2.NSE	○● A12GA2.NSE	-	-	-

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

Multi Combination

INDOOR				A09GA2.NSE	A12GA2.NSE
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,300	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 35 / 41	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 35 / 41	28 / 36 / 42
Sound Power	Cooling	Power	dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H	m^3/min	3.0 / 6.0 / 7.8 / 9.4	3.0 / 6.0 / 8.0 / 9.6
		Max. (Power)	m^3/min	12	12
	Heating	L / M / H	m^3/min	6 / 8 / 10	6 / 8 / 9.6
Dehumidification Rate			l/h	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

Wi-Fi

R32

DUAL Inverter Compressor | Low Noise 19dB | Comfort Humidity Control | Fast Cooling | Fast Heating | Plasmaster Ionizer++ | Mobile LG MV | Embeded Wi-Fi | Gold Fin | RAC Compatible | 3 Way Swing

Option: Black frame

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Gallery Special	-	-	○● A09GA1.NSE	○● A12GA1.NSE	-	-	-

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

Multi Combination

INDOOR				A09GA1.NSE	A12GA1.NSE
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,300	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	20 / 28 / 35 / 41	20 / 28 / 36 / 42
	Heating	L / M / H	dB(A)	28 / 35 / 41	28 / 36 / 42
Sound Power	Cooling	Power	dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H	m^3/min	3.0 / 6.0 / 7.8 / 9.4	3.0 / 6.0 / 8.0 / 9.6
		Max. (Power)	m^3/min	12	12
	Heating	L / M / H	m^3/min	6 / 8 / 10	6 / 8 / 9.6
Dehumidification Rate			l/h	1.1	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	652 x 652 x 158	652 x 652 x 158
Net Weight			kg	20	20

* : Sound Pressure is not a value declared on Eurovent Program. ※ This product contains Fluorinated greenhouse gases (R32). ※ S : Sleep / L : Low / M : Medium / H : High ※ GWP : Global warming potential ※ t-CO_2eq : F-gas(kg)*GWP/1000 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice. ※ Y : Available or Applied / - : Not Available or Not Applied

R32

DUAL Inverter Compressor | Fast Heating | Fast Heating | 3 Way Swing

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Artcool Gallery	-	-	● MA09R NF1	● MA12R NF1	-	-	-

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

Single Combination

INDOOR				MA09R NF1	MA12R NF1
Capacity	Cooling	Rated	W	2,600	3,500
	Heating	Rated	W	2,900	3,900
Sound Pressure	Cooling	S / L / M / H	dB(A)	27 / 27 / 32 / 38	27 / 32 / 38 / 44
	Heating	L / M / H	dB(A)	27 / 32 / 38	32 / 38 / 44
Sound Power	Cooling	Power	dB(A)	52	54
Air Flow Rate	Cooling	S / L / M/ H	m^3/min	4.4 / 4.4 / 5.9 / 7.7	4.4 / 5.6 / 7.3 / 8.9
		Max. (Power)	m^3/min	8.6	9.6
	Heating	L / M / H	m^3/min	4.7 / 6.1 / 8.0	5.7 / 7.5 / 9.2
Dehumidification Rate			l/h	1.2	1.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	600 x 600 x 145	600 x 600 x 145
Net Weight			kg	15.0	15.0

※ This product contains Fluorinated greenhouse gases (R32). ※ S : Sleep / L : Low / M : Medium / H : High ※ GWP : Global warming potential ※ t-CO2eq : F-gas(kg)*GWP/1000 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

UVnano™

Wi-Fi

R32

DUAL Inverter Compressor™ | Low Noise 19dB | Fast Cooling | Fast Heating | Plasmaster® Ionizer++ | Allergy Filter | Mobile LG MV | Embeded Wi-Fi | Gold Fin | RAC Compatible

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Mirror	-	● AM07BK.NSJ	○● AC09BK.NSJ	○● AC12BK.NSJ	-	○● AC18BK.NSK	○● AC24BK.NSK
Beige	-	-	○● AB09BKNSJ	○● AB12BKNSJ	-	○● AB09BKNSK	○● AB09BKNSK

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

Multi Combination

INDOOR				AM07BK.NSJ	AC09BK.NSJ/ AB09BKNSJ	AC12BK.NSJ/ AB12BKNSK
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	3,800
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 26 / 32 / 36	19 / 26 / 33 / 38	19 / 26 / 35 / 39
	Heating	L / M / H	dB(A)	26 / 32 / 36	26 / 33 / 38	26 / 35 / 39
Sound Power	Cooling	Power	dB(A)	57	57	57
Air Flow Rate	Cooling	S / L / M/ H	m^3/min	3.0 / 5.0 / 7.2 / 8.6	3.0 / 5.0 / 7.6 / 9.1	3.0 / 5.0 / 8.1 / 9.6
		Max. (Power)	m^3/min	11.1	11.1	11.1
	Heating	L / M / H	m^3/min	5.0 / 7.2 / 8.6	5.0 / 7.6 / 9.1	5.0 / 8.1 / 9.6
Dehumidification Rate			l/h	0.9	1.1	1.2
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192
Net Weight			kg	9.9	9.9	9.9

INDOOR				AC18BK.NSK/ AB18BKNSK	AC24BK.NSK/ AB24BKNSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
Air Flow Rate	Cooling	S / L / M/ H	m^3/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
		Max. (Power)	m^3/min	16.8	18.3
	Heating	L / M / H	m^3/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 212	998 x 345 x 212
Net Weight			kg	12.8	13.5

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

R32 Wi-Fi

DUAL Inverter Compressor | Soft Air | Dual Vane | Low Noise 19dB | Human Detecting Sensor | Window Open Detecting | KW Manager | Fast Cooling
Fast Heating | Freeze Cleaning | Plasmaster Ionizer++ | Allergy Filter | Mobile LG MV | Embeded Wi-Fi | RAC Compatible

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Primium	-	-	○● H09S1P.NS1	○● H12S1P.NS1	-	-	-

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

Multi Combination

INDOOR				H09S1P.NS1	H12S1P.NS1
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,200	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 35	19 / 27 / 33 / 37
	Heating	L / M / H	dB(A)	27 / 31 / 35	27 / 33 / 37
Sound Power	Cooling	Power	dB(A)	60	60
Air Flow Rate	Cooling	S / L / M / H	m^3/min	2.0 / 5.7 / 8.1 / 10.5	2.0 / 5.7 / 8.1 / 10.5
		Max. (Power)	m^3/min	11.2	11.2
	Heating	L / M / H	m^3/min	5.7 / 8.1 / 10.5	5.7 / 8.1 / 10.5
Dehumidification Rate			l/h	1.15	1.3
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	12.6	12.6

R32 Wi-Fi

DUAL Inverter Compressor | Soft Air | Dual Vane | Low Noise 19dB | Comfort Humidity Control | Window Open Detecting | KW Manager | Fast Cooling
Fast Heating | Plasmaster Ionizer++ | Allergy Filter | Mobile LG MV | Embeded Wi-Fi | RAC Compatible

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Deluxe	-	-	○● H09S1D.NS1	○● H12S1D.NS1	-	○● H18S1D.NS1	○● H24S1D.NS1

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

Multi Combination

INDOOR				H09S1D.NS1	H12S1D.NS1	H18S1D.NS1	H24S1D.NS1
Capacity	Cooling	Rated	W	2,500	3,500	5,000	6,600
	Heating	Rated	W	3,200	4,000	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 35	19 / 27 / 33 / 37	29 / 34 / 41 / 45	29 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 31 / 35	27 / 33 / 37	34 / 41 / 45	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	56	56	60	65
Air Flow Rate	Cooling	S / L / M / H	m^3/min	2.0 / 5.7 / 8.1 / 10.5	2.0 / 5.7 / 8.1 / 10.5	- / 8.1 / 9.7 / 11.3	- / 8.1 / 9.9 / 11.7
		Max. (Power)	m^3/min	11.2	11.2	13.6	14.8
	Heating	L / M / H	m^3/min	5.7 / 8.1 / 10.5	5.7 / 8.1 / 10.5	8.1 / 9.7 / 11.3	8.1 / 11.1 / 13.6
Dehumidification Rate			l/h	1.15	1.3	1.8	2.5
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235	895 x 307 x 235
Net Weight			kg	12.6	12.6	13	13

* : Sound Pressure is not a value declared on Eurovent Program. ※ This product contains Fluorinated greenhouse gases (R32). ※ S : Sleep / L : Low / M : Medium / H : High ※ GWP : Global warming potential ※ t-CO_2eq : F-gas(kg)*GWP/1000 ※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice. ※ Y : Available or Applied / - : Not Available or Not Applied ※ Open window detection from April 2024 manufactured models ※ KW monitoring from April 2024 manufactured models

R32 Wi-Fi UVnano™

DUAL Inverter Compressor™ | Low Noise 19dB | Fast Cooling | Fast Heating | Plasmaster Ionizer++ | Allergy Filter | Mobile LG MV | Embeded Wi-Fi | Gold Fin | RAC Compatiblew

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Deluxe Inverter DC	-	● DM07RK.NSJ	○● DC09RK.NSJ	○● DC12RK.NSJ	-	○● DC18RK.NSK	○● DC24RK.NSK

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

Multi Combination

INDOOR				DM07RK.NSJ	DC09RK.NSJ	DC12RK.NSJ
Capacity	Cooling	Rated	W	2,100	2,500	3,500
	Heating	Rated	W	2,300	3,200	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	19 / 27 / 31 / 36	19 / 27 / 32 / 36	19 / 29 / 34 / 38
	Heating	L / M / H	dB(A)	27 / 31 / 36	27 / 32 / 36	29 / 34 / 39
Sound Power	Cooling	Power	dB(A)	56	56	56
Air Flow Rate	Cooling	S / L / M/ H	m³/min	3.5 / 5.0 / 6.1 / 7.4	3.5 / 5.0 / 6.4 / 7.7	3.5 / 5.3 / 6.7 / 8.1
		Max. (Power)	m³/min	10.1	10.1	10.1
	Heating	L / M / H	m³/min	5.0 / 6.1 / 7.4	5.0 / 6.4 / 7.7	5.3 / 6.7 / 8.1
Dehumidification Rate			l/h	0.9	1.1	1.2
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	9.1	9.1	9.1

INDOOR				DC18RK.NSK	DC24RK.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 /42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	60	64
Air Flow Rate	Cooling	S / L / M/ H	m³/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
		Max. (Power)	m³/min	16.8	18.3
	Heating	L / M / H	m³/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.
※ Y : Available or Applied / - : Not Available or Not Applied

R32 Wi-Fi

DUAL Inverter Compressor | Low Noise 19dB | Fast Cooling | Fast Heating | Allergy Filter | Plasmaster Ionizer++ | Mobile LG MV | Embeded Wi-Fi | Gold Fin | RAC Compatible

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Standaard Plus PC	● PM05SK.NSA	● PM07SK.NSA	○● PC09ST.NSJ	● PC12ST NSJ	○● PC18ST NSJ	○● PC18SK.NSK	○● PC24SK.NSK

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

Multi Combination

INDOOR				PM05SK.NSA	PM07SK.NSA	PC09ST.NSJ	PC12ST.NSJ	PM15SK.NSJ
Capacity	Cooling	Rated	W	1,500	2,100	2,500	3,500	4,200
	Heating	Rated	W	1,600	2,300	3,200	3,800	5,400
Sound Pressure*	Cooling	S / L / M / H	dB(A)	22 / 27 / 31 / 36	22 / 27 / 32 / 37	19 / 26 / 33 / 38	19 / 26 / 35 / 39	19 / 28 / 38 / 41
	Heating	L / M / H	dB(A)	25 / 29 / 35	25 / 31 / 37	26 / 33 / 38	26 / 35 / 39	28 / 38 / 41
Sound Power	Cooling	Power	dB(A)	57	57	57	57	57
Air Flow Rate	Cooling	S / L / M/ H	m^3/min	2.0 / 3.5 / 5.0 / 6.3	2.0 / 3.5 / 5.3 / 6.6	3.0 / 5.0 / 7.6 / 9.1	3.0 / 5.0 / 8.1 / 9.6	3.0 / 5.4 / 8.6 / 10.0
		Max. (Power)	m^3/min	11.1	11.1	11.1	11.1	11.1
	Heating	L / M / H	m^3/min	4.5 / 5.3 / 6.8	4.5 / 5.7 / 7.2	5.0 / 7.6 / 9.1	5.0 / 8.1 / 9.6	5.4 / 8.6 / 10.0
Dehumidification Rate			l/h	0.9	0.9	1.1	1.2	1.2
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			N x mm^2	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	754 x 308 x 189	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	7.8	7.8	8.7	8.7	8.7

INDOOR				PC18ST.NSK	PC24ST.NSK
Capacity	Cooling	Rated	W	5,000	6,600
	Heating	Rated	W	5,800	7,500
Sound Pressure*	Cooling	S / L / M / H	dB(A)	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	65
Air Flow Rate	Cooling	S / L / M/ H	m^3/min	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
		Max. (Power)	m^3/min	16.8	18.3
	Heating	L / M / H	m^3/min	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.9	2.6
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50	1 / 220 - 240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7

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※ This product contains Fluorinated greenhouse gases (R32).
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※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
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R32 Wi-Fi UVnano™

Allergy Filter | Ultrafine Dust Sensing (PM 1.0) | Voice Control | Embedded Wi-Fi | Energy Display | Comfort Air | 4 Way Swing | Jet Cool | Fast Heating | RAC Compatible

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Air Purification	-	-	○● AP09RK NSJ	○● AP12RK NSJ	-	-	-

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

Multi Combination

INDOOR				AP09RK NSJ	AP12RK NSJ
Capacity	Cooling	Rated	W	2,500	3,500
	Heating	Rated	W	3,300	4,000
Sound Pressure*	Cooling	S / L / M / H	dB(A)	21 / 27 / 35 / 42	21 / 27 / 35 / 42
	Heating	L / M / H	dB(A)	27 / 35 / 42	27 / 35 / 42
Sound Power	Cooling	Power	dB(A)	59	59
Air Flow Rate	Cooling	S / L / M / H	m^3/min	3.0 / 4.2 / 6.6 / 10.0	3.0 / 4.2 / 6.6 / 10.0
		Max. (Power)	m^3/min	11.0	11.0
	Heating	L / M / H	m^3/min	4.2 / 6.6 / 10.0	4.2 / 6.6 / 10.0
Dehumidification Rate			l/h	0.9	0.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm^2	4C x 0.75	4C x 0.75
Dimension			mm	857 x 348 x 189	857 x 348 x 189
Net Weight			kg	9.5	9.5

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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
1 Way Cassette	-	-	● MT09R.NU1	● MT11R.NU1	-	-	-

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

1 Way Cassette

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

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
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kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
4 Way Cassette	● MT06R.NR0	● MT08R.NR0	○◎ CT09F.NR0	○◎ CT12F.NR0	-	○◎ CT18F.NQ0	○◎ CT24F.NB0

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

4 Way Cassette

INDOOR				MT06R.NR0	MT08R.NR0	CT09F.NR0
Capacity	Cooling / Heating	Nom.	kW	1.5 / 1.6	2.1 / 2.3	2.6 / 2.9
Power Input		Nom.	W	20	20	22
Running Current		Nom.	A	0.40	0.40	0.40
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	7.5 / 6.0 / 5.0	7.5 / 6.0 / 5.0	8.5 / 7.0 / 6.0
Sound Pressure*	Cooling	H / M / L	dB(A)	31 / 27 / 24	31 / 27 / 24	36 / 33 / 30
Sound Power	Cooling	Max.	dB(A)	48	48	52
Dehumidification Rate			l/h	-	-	0.9
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
Net Weight	Body		kg	11.7	11.7	12.4
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color			Morning Fog (9001)	Morning Fog (9001)	White (9003)
	Dimensions	W x H x D	mm	620 x 34 x 620	620 x 34 x 620	620 x 35 x 620
	Weight		kg	3	3	2.9

INDOOR				CT12F.NR0	CT18F.NQ0	CT24F.NB0
Capacity	Cooling / Heating	Nom.	kW	3.5 / 3.9	5.3 / 5.8	6.7 / 7.5
Power Input		Nom.	W	24	26	26
Running Current		Nom.	A	0.40	0.40	0.60
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 35 / 32	41 / 39 / 39	38 / 36 / 34
Sound Power	Cooling	Max.	dB(A)	52	57	53
Dehumidification Rate			l/h	1.4	2.0	2.7
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net Weight	Body		kg	12.4	13.9	21.1
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-AAGW0
	Color			White (9003)	White (9003)	White (9003)
	Dimensions	W x H x D	mm	620 x 35 x 620	620 x 35 x 620	950 x 35 x 950
	Weight		kg	2.9	2.9	7.1

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

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Mid / High Static Pressure	-	-	-	-	-	○◎ CM18F.N10	○◎ CM24F.N10

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

Duct (Mid Static)

INDOOR				CM18F.N10	CM24F.N10
Capacity	Cooling / Heating	Nom.	kW	5.3 / 5.8	7.0 / 7.7
Power Input		H / M / L	W	150 / 130 / 110	180 / 150 / 130
Running Current		H / M / L	A	0.85 / 0.76 / 0.67	0.98 / 0.85 / 0.76
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure*		H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32
Sound Power Level		Rated	dB(A)	59	60
Dehumidification Rate			l/h	1.5	2.5
Dimensions		W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net Weight			kg	24.6	24.6
Piping Connections	Liquid Side		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
External static pressure	Min. ~ Max.		Pa (mmAq)	58.8 (6)	58.8 (6)

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R32

kBtu/H	5	7	9	12	15	18	24
kW	1.5	2.1	2.6	3.5	4.2	5.3	7.0
Low Static Pressure	-	-	○◎ CL09F.N50	○◎ CL12F.N50	-	○◎ CL18F.N60	○◎ CL24F.N30

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

Duct (Low Static)

INDOOR				CL09F.N50	CL12F.N50	CL18F.N60	CL24F.N30
Capacity	Cooling / Heating	Nom.	kW	2.5 / 3.2	3.4 / 4.0	5.0 / 5.8	6.8 / 7.5
Power Input		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Running Current		H / M / L	A	0.21 / 0.16 / 0.14	0.21 / 0.16 / 0.14	0.43 / 0.39 / 0.34	0.65 / 0.56 / 0.47
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	11.5 / 9.5 / 8.0	11.5 / 9.5 / 8.0	15.0 / 12.0 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure*		H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32
Sound Power Level		Rated	dB(A)	55	55	56	58
Dehumidification Rate			l/h	0.5	0.9	1.7	2.5
Dimensions		W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460	1,100 x 190 x 700
Net Weight			kg	18.0	18.0	20.9	26.0
Piping Connections	Liquid Side		mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas Side		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.		Pa (mmAq)	0 ~ 5 (0 ~ 50)	0 ~ 5 (0 ~ 50)	0 ~ 5 (0 ~ 50)	0 ~ 5 (0 ~ 50)

* : Sound Pressure is not a value declared on Eurovent Program. ※ This product contains Fluorinated greenhouse gases (R32).
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R32

CAPACITY (KW)	2.6	3.5	5.3
Console	UQ09F.NA0	UQ12F.NA0	UQ18F.NA0

Console

R32, R410A

INDOOR				UQ09F.NA0	UQ12F.NA0	UQ18F.NA0
Capacity	Cooling / Heating	Nom.	kW	2.6 / 3.1	3.5 / 4.0	5.0 / 4.9
Power Input		Nom.	W	30	30	39
Running Current		Nom.	A	0.5	0.5	0.5
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m^3/min	8.5 / 6.7 / 5.0	9.0 / 6.9 / 5.2	10.1 / 8.6 / 7.2
Sound Pressure*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power	Cooling	Max.	dB(A)	59	59	60
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Net Weight	Body		kg	16.3	16.3	16.3
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)

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

R410A
MULTI SPLIT

R410A

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

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

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

R410A

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

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

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

R410A

3Phase

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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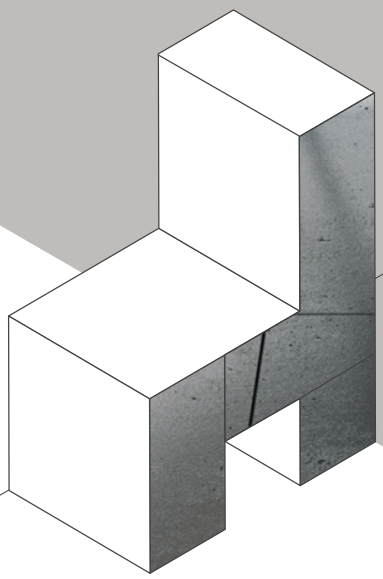
OUTDOOR				FM41AH.U34	FM49AH.U34	FM57AH.U34
Compressor	Type		-	Scroll	Scroll	Scroll
Capacity**	Cooling	Min. / Nom. / Max.	kW	2.8 / 12.3 / 15.4	3.3 / 14.1 / 17.0	4.0 / 15.5 / 18.5
	Heating	Min. / Nom. / Max.	kW	3.1 / 13.5 / 16.2	3.7 / 16.0 / 17.3	4.5 / 17.4 / 18.8
Low Temperature Capacity	Heating	Max.	kW	12.5	14.5	15.5
Power Input**	Cooling	Min. / Nom. / Max.	kW	0.82 / 2.42 / 4.90	0.96 / 3.12 / 5.30	1.18 / 3.87 / 5.60
	Heating	Min. / Nom. / Max.	kW	0.89 / 2.87 / 5.10	1.06 / 3.76 / 5.40	1.29 / 4.34 / 5.80
Running Current**	Cooling	Min. / Nom. / Max.	A	1.2 / 3.6 / 7.4	1.4 / 4.7 / 8.0	1.8 / 5.8 / 8.4
	Heating	Min. / Nom. / Max.	A	1.3 / 4.3 / 7.7	1.6 / 5.7 / 8.1	1.9 / 6.5 / 8.7
EER				5.08	4.51	4.01
COP				4.70	4.25	4.01
SEER				7.40	7.20	6.90
SCOP				4.20	4.20	4.20
Pdesign(@-10°C)			kW	8.6	9.5	9.5
Seasonal Energy Label (A++ to E Scale)	Cooling / Heating		-	- / -	- / -	- / -
Annual Energy Consumption		Cooling / Heating	kWh	981 / 2,867	1,167 / 3,167	1,348 / 3,167
Air Flow Rate		Nom.	m^3/min x No.	110	110	110
Sound Pressure Level*	Cooling	Nom.	dB(A)	51	53	53
	Heating	Nom.	dB(A)	53	55	55
Sound Power Level	Cooling	Max.	dB(A)	69	71	73
	Heating	Max.	dB(A)	70	72	74
Dimensions		W x H x D	mm	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	87	87	87
Refrigerant	Type		-	R410A	R410A	R410A
	Charge		kg	4.2	4.2	4.2
	Additional Charging Volume		g/m	20	20	20
	GWP (Global Warming Potential)		-	2,087.50	2,087.50	2,087.50
	t-CO_2eq		-	8.768	8.768	8.768
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-25 / 18	-25 / 18	-25 / 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm^2	5C x 2.5	5C x 2.5	5C x 2.5
Transmission Cable	ODU~BD		No. x mm^2	4C x 1.25	4C x 1.25	4C x 1.25
	BD-IDU		No. x mm^2	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	20
Max Piping Length	Total Piping (Main+Total Branch)		m	125	135	145
	Main Piping		m	55	55	55
	Total Branch Piping		m	70	80	90
	Each Branch Piping		m	15	15	15
Piping Elevation Difference	IDU~ODU	Max.	m	30	30	30
	IDU~IDU	Max.	m	15	15	15
Piping Connections	Liquid		mm (inch) x No.	Ø9.52 x 1	Ø9.52 x 1	Ø9.52 x 1
	Gas		mm (inch) x No.	Ø19.05 x1	Ø19.05 x1	Ø19.05 x1

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



COMMERCIAL


Sweet Tea
POUR 3 CUPS BOILING WATER
3 tea bags
STEEP 3 MIN
A CUP SUGAR
LEMONADE
ADD

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

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

			kBtu/h	18	24	30	36	42	48	60	70	85
			Type \ kW	5.0	6.8	8.0	9.5	12.0	13.4	14.6	20.0	25.0
COMPACT INVERTER (R32)	Ceiling Mounted Cassette	Mini		 CT18F.NQ0								
		Standard			 CT24F.NB0	 UT30F.NB0	 UT36F.NA0					
	Ceiling Concealed Duct	Mid Static		 CM18F.N10	 CM24F.N10	 UM30F.N10	 UM36F.N20					
		Low Static		 CL18F.N60	 CL24F.N30							
	Ceiling Suspended			 UV18F.N10	 UV24F.N10	 UV30F.N10	 UV36F.N20					
	Wall Mounted					 US30F.NR0	 US36F.NR0					
	ODU	1Ø		 UUA1.UL0	 UUB1.U20		 UUC1.U40					
STANDARD INVERTER (R410A)	Ceiling Concealed Duct (High Static)										 UB70.N95	 UB85.N95
	Floor Standing								 UP48.NT2			
	ODU	1Ø							 UU48W.U32			
		3Ø							 UU49W.U32		 UU70W.U34	 UU85W.U74

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

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.

※ CN_PWR : AC 220V Connector

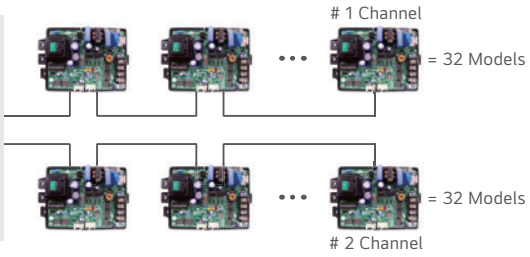
※ BUS_A & BUS_B : RS-485 (+) & (-)

PI 485 Gateway (PMNFP14A1)

AC Ez Touch (PACEZA000)
Max.1 Channel
Max. 32 unit

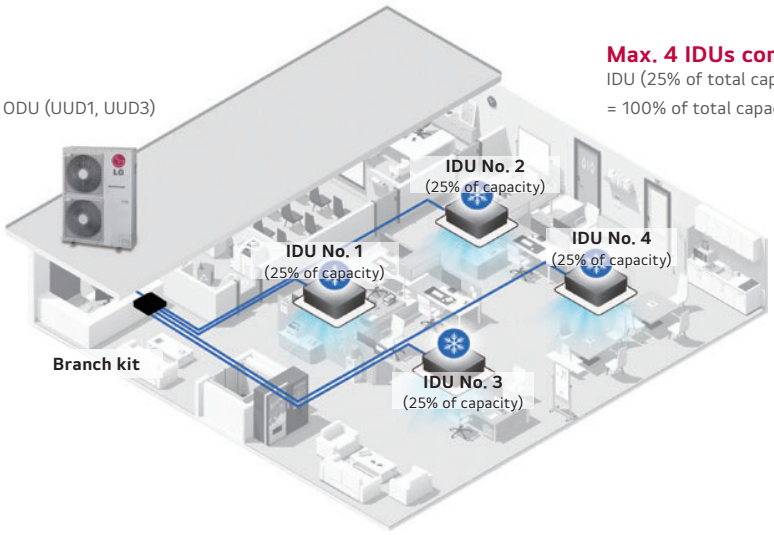
AC Smart 5 (PACS5A000)
Max. 2 Channels
Max. 64 unit

ACP 5 (PACP5A000)
Max. 4 Channels
Max. 128 unit



Synchro Function

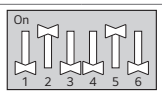
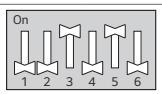
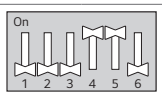
Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.



Max. 4 IDUs combination
IDU (25% of total capacity) x 4EA
= 100% of total capacity

※ Combination table

2 PMUB11A	3 PMUB111A	4 PMUB1111A
		

Model	Duo		Trio		Quartet	
	Cassette	Duct	Cassette	Duct	Cassette	duct
UUD1, UUD3	CT18F x 2EA	CM18F x 2EA	CT12F x 3EA	CL12F x 3EA	CT12F x 4EA	CL12F x 4EA
	CT24F x 2EA	CM24F x 2EA	CT18F x 3EA	CM18F x 3EA	-	-
	UT30F x 2EA	UM30F x 2EA	-	-	-	-
Branch kit	PMUB11A		PMUB111A		PMUB1111A	
Dip switch						

Note
1. Possible indoor units : Single CAC indoor unit series
   • Dry contact & Zone control & Auto changeover is not available which is connected with synchro.
   • When using synchro operation
     - Do not use wireless remote controller.
     - Use only one wired remote controller in the indoor units.
     - Some Central controllers and some functions of central controller can not be available with synchro operation.
2. Branch kits are required for operating Synchro models.

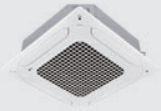
CEILING CASSETTE 4-WAY
ROUND CASSETTE

STANDARD INVERTER (R32)

Wide Application with diverse design range

- Maximize Space Utilization with Compact Size (Solution for small businesses and shops)
- **Optional Plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.**
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.

CT09F / CT12F / CT18F



UUA1.UL0 **UUB1.U20**

R32

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COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.5	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 3.7	1.8 / 4.1 / 5.0	2.3 / 5.7 / 6.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.61 / 0.87	0.30 / 0.98 / 1.62	0.30 / 1.57 / 2.20
	Heating	Min. / Rated / Max.	kW	0.30 / 0.75 / 0.89	0.30 / 1.11 / 1.57	0.30 / 1.52 / 2.13
Running Current	Cooling / Heating	Rated	A	2.7 / 3.3	4.4 / 4.9	8.0 / 7.8
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 3.71	3.19 / 3.74
SEER / SCOP			kWh/kWh	6.7 / 4.0	6.7 / 4.0	6.4 / 4.3
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5
	Heating @ -10°C		kW	2.8	2.8	4.1
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	131 / 980	178 / 980	273 / 1,335
Dehumidification Rate			l/h	0.63	1.26	1.89
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4)/ Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CT09F.NR0**	**CT12F.NR0**	**CT18F.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570
Weight	Body		kg	12.4	12.4	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	52	52	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0
	Color		-	White	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620
	Weight	Body	kg	3.0	3.0	3.0
OUTDOOR				**UUA1.UL0**		**UUB1.U20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	15		20
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288		870 x 650 x 330
Weight	Net		kg	33.3		44.5
Compressor	Type		-	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32/ 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675		1.2 / 0.81
	Chargeless		m	10		10
	Additional Charge		g/m	20		20
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1		50 x 1
Total Piping Length		Min. / Max.	m	5 / 30		5 / 30
Piping Elevation	IDU - ODU	Max.	m	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

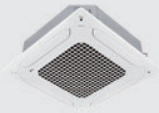
COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT18F

- Solution for small businesses and shops (Only CT18F NQ0)
- **Optional Plasma ion of ionizer deactivates and removes bacteria & viruses in the room and keeps the air clean.** (Only CT18F NQ0)
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- Optional ThinQ (Wi-Fi), access your air conditioner anytime and from anywhere (Can control air conditioners using Android or iOS-enabled smartphones and voice commands)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.

CT18F



UUA1.UL0

R32

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COMBINATION				18
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.76 / 2.11
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87
Running Current	Cooling / Heating	Rated	A	7.8 / 6.4
EER / COP			kWh/kWh	2.85 / 3.60
SEER / SCOP			kWh/kWh	6.3 / 3.9
Pdesign	Cooling @ 35°C		kW	5
	Heating @ -10°C		kW	2.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005
Dehumidification Rate			l/h	1.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)
	Connections Method		-	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50
	Heating	Min. / Max.	°C	-10 / 18
INDOOR				**CT18F.NQ0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	30 / 26 / 22
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11
Dimensions	Body	W x H x D	mm	570 x 256 x 570
Weight	Body		kg	13.9
Sound Pressure Level*	Cooling	H / M / L	dB(A)	41 / 39 / 37
Sound Power Level	Cooling	Max.	dB(A)	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-QAGW0
	Color		-	White
	Dimensions	Body	mm	620 x 34 x 620
	Weight	Body	kg	3.0
OUTDOOR				**UUA1.UL0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Circuit Breaker		Min.	A	15
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288
Weight	Net		kg	33.3
Compressor	Type		-	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675
	Chargeless		m	10
	Additional Charge		g/m	20
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1
Total Piping Length		Min. / Max.	m	5 / 30
Piping Elevation	IDU - ODU	Max.	m	30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

Wide Application with diverse design range

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional Air Purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, Optimized control two separate vanes provides longer stream wind, faster cooling/heating and Indirect airflow, etc
- Optional Elevation Grill with Air Purification (Automatic lifting panel and Air purification) , provides customers with clean air as well as maintenance convenience
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone

CT24F / UT30F

UUC1.U40

R32

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

COMBINATION				24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling / Heating	Rated	A	8.6 / 8.7	10.9 / 11.6
EER / COP			kWh/kWh	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	8
	Heating @ -10°C		kW	5.6	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	322 / 1,823	394 / 1,823
Dehumidification Rate			l/h	2.8	2.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**CT24F.NB0**	**UT30F.NB0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26
Air Flow Rate		H / M / L	m^3/min	18 / 15.5 / 14	19 / 17 / 15.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840
Weight	Body		kg	21.1	21.1
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35
Sound Power Level	Cooling	Max.	dB(A)	53	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0
	Color		-	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1
OUTDOOR				**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	25	
Power Supply Cable (Included Earth)			No x mm^3	3C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 834 x 330	
Weight	Net		kg	57.7	
Compressor	Type		-	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	
	Chargeless		m	20	
	Additional Charge		g/m	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	

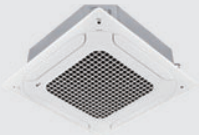
* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

Wide Application with diverse design range

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional Air Purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, Optimized control two separate vanes provides longer stream wind, faster cooling/heating and Indirect airflow, etc
- Optional Elevation Grill with Air Purification (Automatic lifting panel and Air purification) , provides customers with clean air as well as maintenance convenience
- Maximum 4 indoor units can be combined by using a branch kit and setting dip switch for one outdoor unit. It can be easily applied to various sites.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UT36F / UT42F / UT48F / UT60F



UUD1.U30

R32

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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	10.1 / 10.7	14.6 / 15.0	18.7 / 19.0	23.1 / 22.7
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36F.NA0**	**UT42F.NA0**	**UT48F.NA0**	**UT60F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m^3/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm^3	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse g
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

Wide Application with diverse design range

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
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- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UT36F / UT42F / UT48F / UT60F

UUD3.U30

3Phase

R32

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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling / Heating	Rated	A	3.8 / 3.9	5.2 / 5.4	6.6 / 6.7	8.1 / 7.9
EER / COP			kWh/kWh	4.20 / 4.45	3.66 / 3.85	3.15 / 3.55	2.80 / 3.30
SEER / SCOP			kWh/kWh	7.0 / 4.3	7.0 / 4.3	6.5 / 4.2	6.2 / 4.2
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	475 / 3,093	1,037 / 3,093	1,237 / 3,167	1,413 / 3,167
Dehumidification Rate			l/h	2.4	4.5	5.7	6.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UT36F.NA0**	**UT42F.NA0**	**UT48F.NA0**	**UT60F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m^3/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1	7.1
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^3	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85.0			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charge		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
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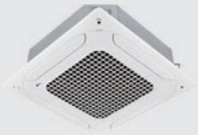
COMPACT INVERTER (R32)

Maximize Space Utilization with Compact Size

CT24F, UT30F, UT36F

- Optional Human Detecting sensor (Presence sensor) provides an adapted airflow (Direct or Indirect Airflow)
- An indoor unit provides the human oriented room temperature according to the floor and ceiling temperature measured by thermopile sensors.
- Optional Air Purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- DualVane, Optimized control two separate vanes provides longer stream wind, faster cooling/heating and Indirect airflow, etc
- Optional Elevation Grill with Air Purification (Automatic lifting panel and Air purification) , provides customers with clean air as well as maintenance convenience

CT24F / UT30F / UT36F



UUB1 U20 **UUC1 U40**

R32

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COMBINATION				24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	Heating	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling / Heating	Rated	A	8.8 / 9.6	10.1 / 10.4	12.4 / 12.3
EER / COP			kWh/kWh	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	6.8	7.5	9.5
	Heating @ -10°C		kW	4.1	4.1	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	2.6	3.1	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-15 / 18	-15 / 18	-15 / 18
INDOOR				**CT24F.NB0**	**UT30F.NB0**	**UT36F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate		H / M / L	m^3/min	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	21.1	21.1	25.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	53	57	61
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Recommended Decoration Panel**	Model Name		-	PT-AAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White
	Dimensions	Body	mm	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	7.1	7.1	7.1
OUTDOOR				**UUB1.U20**		**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	20		25
Power Supply Cable (Included Earth)			No x mm^3	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	44.5		57.7
Compressor	Type		-	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10		20
	Additional Charge		g/m	40		40
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30		30

* : Sound Pressure is not a value declared on Eurovent Program.
** : Decoration panel can be selected as an optional accessory.
Note :
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

Wide Application with diverse design range

- Perfect circular airflow without blind spots.
- Compact and Minimal exposure design makes the interior look more spacious, harmony and aesthetic .
- Optional Air Purification kit, ensuring a health and hygenic environment (Easy to manage air purifying system with Dust Electrification, PM1.0 filter (Fine dust), Deodorizing filter and Ionizer)
- 6 STEP Vane control, Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.
- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UT36F NY0 / UT48F NY0

UUD1.U30

R32

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	10.10 / 10.70	19.50 / 20.20
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @-10°C		kW	9.0	9.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,930	1,237 / 2,930
Dehumidification Rate			ℓ/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø 9.52 (3/8) / Ø 15.88 (5/8)	Ø 9.52 (3/8) / Ø 15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UT36F.NY0**	**UT48F.NY0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m^3/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0
OUTDOOR				**UUD1.U30**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (included Earth)			No. x mm^2	3C x 6.0	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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STANDARD INVERTER (R32)

Wide Application with diverse design range

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- **Humidity sensor is included** as standard, so comfort cooling function is possible without separate wired remote controller.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UT36F NY0 / UT48F NY0

UUD3.U30

3Phase

R32

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling / Heating	Rated	A	5.20 / 5.30	7.00 / 7.30
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @-10°C		kW	9.0	9.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,931	1,237 / 2,931
Dehumidification Rate			ℓ/h	4.27	5.65
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø 9.52 (3/8) / Ø 15.88 (5/8)	Ø 9.52 (3/8) / Ø 15.88 (5/8)
	Connections Method		-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR				**UT36F.NY0**	**UT48F.NY0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	90 / 66 / 48	125 / 90 / 66
Air Flow Rate		H / M / L	m^3/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0
OUTDOOR				**UUD3.U30**	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (included Earth)			No. x mm^2	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025	
	Chargeless		m	20	
	Additional Charging Volume		g/m	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU-ODU	Max.	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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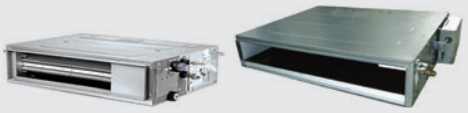
CEILING CONCEALED DUCT
CEILING SUSPENDED

STANDARD INVERTER (R32)

High Performance with a height of only 190mm

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Quite Operation (Low speed base by Sound pressure)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water

LOW STATIC PRESSURE
CL09F / CL12F / CL18F / CL24F



UUA1.UL0 UUB1.U20 UUC1.U40

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

COMBINATION				9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.7	2.0 / 5.0 / 5.8	2.7 / 6.8 / 7.8
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 4.0	1.8 / 4.0 / 4.9	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.66 / 0.93	0.33 / 1.05 / 1.84	0.3 / 1.35 / 1.89	0.4 / 2.03 / 2.84
	Heating	Min. / Rated / Max.	kW	0.38 / 0.74 / 1.63	0.33 / 1.08 / 1.63	0.4 / 1.77 / 2.48	0.4 / 2.13 / 3.30
Running Current	Cooling / Heating	Rated	A	3.0 / 3.3	4.7 / 4.8	7.5 / 8.3	9.0 / 9.4
EER / COP			kWh / kWh	3.80 / 4.30	3.23 / 3.71	3.71 / 3.28	3.35 / 3.52
SEER / SCOP			kWh / kWh	6.1 / 4.0	5.6 / 3.8	6.1 / 3.9	6.2 / 3.9
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5	6.8
	Heating @ -10°C		kW	2.9	2.9	4.1	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+ / A	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	143 / 1,015	213 / 1,068	287 / 1,472	384 / 1,938
Dehumidification Rate			l/h	0.2	0.8	1.6	2.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CL09F.N50**	**CL12F.N50**	**CL18F.N60**	**CL24F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m^3/min	11.5 / 9.5 / 8	11.5 / 9.5 / 8	15 / 12 / 10	20 / 16 / 12
Dimensions	Body	W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	18.0	18.0	20.9	26.0
Sound Pressure Level*	Cooling	H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	55	55	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**		**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15		20	25
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5		3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288		870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	33.3		44.5	57.7
Compressor	Type		-	Twin Rotary		Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675		R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675		1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10		10	20
	Additional Charging Volume		g/m	20		20	40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1		50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 30		5 / 30	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30		30	30

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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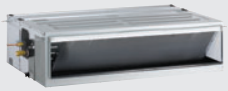
STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water

MID STATIC PRESSURE
CM18F / CM24F / UM30F



UUB1.U20 **UUC1.U40**

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Check ongoing validity of certification
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COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	2.7 / 6.8 / 8.0	3.1 / 7.8 / 9.0
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.6 / 9.0 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.33 / 1.86	0.40 / 1.95 / 2.69	0.40 / 2.23 / 3.03
	Heating	Min. / Rated / Max.	kW	0.40 / 1.76 / 2.46	0.50 / 2.27 / 3.29	0.50 / 2.64 / 3.33
Running Current	Cooling / Heating	Rated	A	7.4 / 8.3	8.7 / 10.1	9.9 / 11.7
EER / COP			kWh / kWh	3.75 / 3.30	3.49 / 3.31	3.50 / 3.41
SEER / SCOP			kWh / kWh	6.4 / 4.1	6.6 / 3.9	6.1 / 4.0
Pdesign	Cooling @ 35°C		kW	5	6.8	7.8
	Heating @ -10°C		kW	4.1	5.4	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	273 / 1,400	361 / 1,938	448 / 1,890
Dehumidification Rate			l/h	1.2	2.6	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**CM18F.N10**	**CM24F.N10**	**UM30F.N10**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	150 / 130 / 110	180 / 150 / 130	220 / 200 / 180
Air Flow Rate		H / M / L	m^3/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700
Weight	Body		kg	24.6	24.6	26.2
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34
Sound Power Level	Cooling	Max.	dB(A)	59	60	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	20	25	
Power Supply Cable (Included Earth)			No x mm^3	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max.	m	30	30	

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

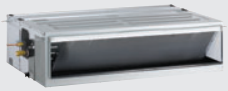
1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

MID STATIC PRESSURE
UM36F / UM42F / UM48F / UM60F



UUD1.U30

R32

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	11.1 / 12.6	15.3 / 16.4	19.0 / 18.4	21.6 / 20.4
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.80 / 3.90	5.60 / 3.90	5.80 / 4.00	5.60 / 4.00
Pdesign	Cooling @ 35°C		kW	9.5	12.0	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UM36F.N20**	**UM42F.N20**	**UM48F.N30**	**UM60F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242
Air Flow Rate		H / M / L	m^3/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm^3	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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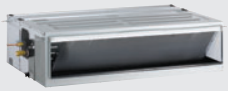
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with Auto ESP Control

- Auto External Static pressure (ESP) control allows the duct type indoor unit to automatically set the fan RPM for each airflow rate according to the external static pressure.
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Optional UVnano Filter Box can effectively create a safe indoor environment by trapping and removing various harmful substances such as fine dust, bacteria and viruses in the form of droplets.
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

MID STATIC PRESSURE
UM 36F / UM42F / UM48F / UM60F



UUD3.U30

3Phase

R32

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 14.0	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.50 / 3.80	0.70 / 3.48 / 4.52	0.90 / 4.32 / 5.62	1.00 / 4.95 / 5.54
	Heating	Min. / Rated / Max.	kW	0.60 / 2.77 / 3.77	0.80 / 3.74 / 4.86	0.90 / 4.31 / 5.26	0.90 / 4.60 / 5.29
Running Current	Cooling / Heating	Rated	A	4.0 / 4.5	5.5 / 5.9	6.8 / 6.5	7.7 / 7.2
EER / COP			kWh / kWh	3.80 / 3.90	3.45 / 3.61	3.10 / 3.60	2.95 / 3.65
SEER / SCOP			kWh / kWh	5.8 / 3.9	5.6 / 3.9	5.8 / 4.0	5.6 / 4.0
Pdesign	Cooling @ 35°C		kW	9.5	12	13.4	14.6
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A+ / A	A+ / A	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	573 / 3,410	750 / 3,410	1,386 / 3,325	1,564 / 3,325
Dehumidification Rate			l/h	2.9	4.4	4.8	4.7
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UM36F.N20**	**UM42F.N20**	**UM48F.N30**	**UM60F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	183 / 134 / 101	266 / 200 / 145	242 / 159 / 124	342 / 287 / 242
Air Flow Rate		H / M / L	m^3/min	32 / 28 / 24	38 / 33 / 28	40 / 34 / 28	50 / 45 / 40
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Weight	Body		kg	38.5	38.5	43.5	43.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 34 / 33	38 / 36 / 34	39 / 38 / 36	42 / 40 / 39
Sound Power Level	Cooling	Max.	dB(A)	60	62	65	66
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^3	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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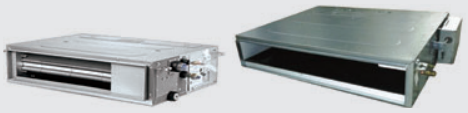
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)

High Performance with a height of only 190mm

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Quite Operation (Low speed base by Sound pressure)
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.
- Standard built-in drain pump with 700mm lift increases flexibility and the perfect solution for draining of water

LOW STATIC PRESSURE
CL18F / CL24F



UUA1.UL0 **UUB1.U20**

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COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.5
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.62 / 1.99	0.40 / 2.12 / 2.54
	Heating	Min. / Rated / Max.	kW	0.30 / 1.53 / 1.99	0.50 / 2.41 / 3.13
Running Current	Cooling / Heating	Rated	A	7.2 / 6.8	9.3 / 10.5
EER / COP			kWh / kWh	2.90 / 3.40	3.21 / 3.11
SEER / SCOP			kWh / kWh	5.1 / 3.8	6.0 / 4.1
Pdesign	Cooling @ 35°C		kW	4.7	6.8
	Heating @ -10°C		kW	2.7	4.2
Seasonal Energy Label	Cooling / Heating		-	A / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	323 / 995	397 / 1,434
Dehumidification Rate			l/h	1.5	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18
INDOOR				**CL18F.N60**	**CL24F.N30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m^3/min	15 / 12 / 10	20 / 16 / 12
Dimensions	Body	W x H x D	mm	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	20.9	26
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330
Weight	Net		kg	33.3	44.5
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81
	Chargeless		m	10	10
	Additional Charging Volume		g/m	20	40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35
Piping Elevation	IDU - ODU	Max	m	30	30

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
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COMPACT INVERTER (R32)

High Performance with Auto ESP Control

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- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
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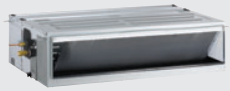
MID STATIC PRESSURE
CM18F / CM24F / UM30F / UM36F



UUA1.UL0 UUB1.U20 UUC1.U40

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.6	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	2.2 / 5.5 / 6.7	3.0 / 7.4 / 8.5	3.2 / 8.0 / 8.8	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.35 / 1.67 / 1.92	0.50 / 2.34 / 2.81	0.50 / 2.57 / 3.08	0.60 / 3.16 / 3.86
	Heating	Min. / Rated / Max.	kW	0.32 / 1.57 / 1.77	0.40 / 2.17 / 2.82	0.50 / 2.25 / 2.93	0.60 / 3.03 / 3.48
Running Current	Cooling / Heating	Rated	A	7.4 / 7.0	10.3 / 9.7	11.0 / 9.7	14.0 / 13.4
EER / COP			kWh / kWh	3.00 / 3.50	2.91 / 3.41	2.92 / 3.56	3.01 / 3.57
SEER / SCOP			kWh / kWh	6.1 / 3.8	5.8 / 4.1	5.6 / 3.9	5.9 / 4.0
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.3	5.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A+ / A+	A+ / A	A+ / A+
Annual Energy Consumption	Cooling / Heating		kWh	287 / 1,032	410 / 1,400	469 / 1,544	564 / 1,924
Dehumidification Rate			l/h	1.2	2.5	2.6	3.2
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				**CM18F.N10**	**CM24F.N10**	**UM30F.N10**	**UM36F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	150 / 130 / 110	180 / 150 / 130	220 / 200 / 180	183 / 134 / 101
Air Flow Rate		H / M / L	m^3/min	16.5 / 14.5 / 13	18 / 16.5 / 14.5	22 / 20 / 18	32 / 28 / 24
Dimensions	Body	W x H x D	mm	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	1,250 x 270 x 700
Weight	Body		kg	24.6	24.6	26.2	38.5
Sound Pressure Level*	Cooling	H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32	37 / 35 / 34	36 / 34 / 33
Sound Power Level	Cooling	Max.	dB(A)	59	60	62	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4
OUTDOOR				**UUA1.UL0**	**UUB1.U20**		**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20		25
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	33.3	44.5		57.7
Compressor	Type		-	Twin Rotary	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1 / 0.675	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10	10		20
	Additional Charging Volume		g/m	20	40		40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30		30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R410A)

Big Capacity of Concealed Duct

- A user can easily access the air volume selection via a remote controller using the ESP control function. (No additional accessories are necessary to control the air flow)
- Operation for Multiple Rooms, Using a spiral duct (embedded or flexible type) and stream chamber, it is possible to operate cooling / heating for several rooms simultaneously (Zone control is available with zone controller accessory. (ABZCA)
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- Flexible Installation (Low Static Pressure Model), Inverter low static duct allows the air intake at the rear or bottom under installation condition.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- No need to disassemble the whole panel for maintenance, since panel is divided into 2 components; one for heat exchanger and the other for fan / motor. The user can easily detach and re-attach the filter in the available limited space.

HIGH STATIC PRESSURE
UB70 / UB85

UU70W **UU85W**

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

INDOOR				UB70.N95	UB85.N95
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. (Nom ESP)	W	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				4.90	4.80
SCOP				3.53	3.51
Pdesign (@ -10°C)			kW	13.4	18.5
Seasonal Energy Label	Cooling / Heating			-	-
Annual Energy Consumption	Cooling / Heating		kWh	-	-
Piping Connection	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø25.4 (1/1)	Ø12.7 (1/2) / Ø22.2 (7/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m^3/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure*	Cooling	High / Medium / Low	dB(A)	43 / 41 / 40	43 / 41 / 40
Sound Power	Cooling	Max.	dB(A)	73	75
Dehumidification Rate			l/h	1.81 (4.2)	5.14 (11.9)
Dimensions	Body	W x H x D	mm	1,563 x 460 x 688	1,563 x 460 x 688
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.	m^3/min	110	190
Sound Pressure*	Cooling	Nom.	dB(A)	55	59
	Heating	Nom.	dB(A)	58	60
Sound Power	Cooling	Max.	dB(A)	75	75
Dimensions	W x H x D		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		g/m	70	70
	GWP		-	2087.5	2087.5
	t-CO_2eq		-	10.9	11.5
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. x mm^2	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm^2	4C x 1.0	4C x 1.0
Circuit Breaker			A	30	30
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid / Gas		mm (inch)	Ø9.53 (3/8) / Ø25.4 (1/1)	Ø12.7 (1.2) / Ø22.2 (7/8)

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R410A)
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STANDARD INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.
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- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
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- One Touch & 2 Piece Filter, Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.

UV18F / UV24F / UV30F

UUB1.U20 **UUC1.U40**

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

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	2.7 / 6.7 / 8.0	3.1 / 7.7 / 8.8
	Heating	Min. / Rated / Max.	kW	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.4 / 8.6 / 9.6
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 1.33 / 1.86	0.40 / 1.99 / 2.69	0.50 / 2.25 / 3.08
	Heating	Min. / Rated / Max.	kW	0.40 / 1.76 / 2.46	0.40 / 2.2 / 3.08	0.50 / 2.5 / 3.20
Running Current	Cooling / Heating	Rated	A	7.5 / 8.3	8.8 / 9.8	10.0 / 11.1
EER / COP			kWh / kWh	3.75 / 3.29	3.37 / 3.41	3.42 / 3.44
SEER / SCOP			kWh / kWh	6.6 / 4.3	7.2 / 4.2	6.8 / 4.4
Pdesign	Cooling @ 35°C		kW	5	6.7	7.7
	Heating @ -10°C		kW	4.2	4.9	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 1,368	326 / 1,633	396 / 1,718
Dehumidification Rate			l/h	1.8	2.7	3.0
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65	68
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UV18F.N10**	**UV24F.N10**	**UV30F.N10**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690
Weight	Body		kg	27.3	28	28
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43
Sound Power Level	Cooling	Max	dB (A)	55	61	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min	A	20	25	
Power Supply Cable (Included Earth)			No x mm^3	3C x 2.5	3C x 2.5	
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330	
Weight	Net		kg	44.5	57.7	
Compressor	Type		-	Twin Rotary	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283	
	Chargeless		m	10	20	
	Additional Charging Volume		g/m	20	40	
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1	
Total Piping Length		Min. / Max.	m	5 / 30	5 / 50	
Piping Elevation	IDU - ODU	Max	m	30	30	

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
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STANDARD INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.
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- 5 different fan speeds available for comfort, maximum cooling & heating
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- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One Touch & 2 Piece Filter, Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UV36F / UV42F / UV48F / UV60F

UUD1 U30

R32

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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97
	Heating	Min. / Rated / Max.	kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44
Running Current	Cooling / Heating	Rated	A	11.7 / 11.4	17.0 / 16.5	19.7 / 20.6	23.6 / 24.6
EER / COP			kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00
SEER / SCOP			kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.4
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UV36F.N20**	**UV42F.N20**	**UV48F.N20**	**UV60F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	36.7	36.7	36.7	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max	dB (A)	62	62	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD1.U30**			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min	A	40			
Power Supply Cable (Included Earth)			No x mm^3	3C x 6.0			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)
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STANDARD INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One Touch & 2 Piece Filter, Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.
- **Operation range (heating) is -25°C ~ 18°C (Min/Max)**

UV36F / UV42F / UV48F / UV60F

UUD3.U30

3Phase

R32

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: www.eurovent-certification.com

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.4 / 15.6
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.7 / 16.8 / 18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.65 / 4.03	0.80 / 3.90 / 5.07	0.90 / 4.50 / 5.85	1.10 / 5.33 / 5.97
	Heating	Min. / Rated / Max.	kW	0.50 / 2.60 / 3.54	0.80 / 3.75 / 4.88	0.90 / 4.77 / 5.82	1.10 / 5.60 / 6.44
Running Current	Cooling / Heating	Rated	A	4.2 / 4.1	6.1 / 5.9	7.0 / 7.3	8.2 / 8.5
EER / COP			kWh / kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00
SEER / SCOP			kWh / kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1
Pdesign	Cooling @ 35°C		kW	9.5	12.1	13.4	14.4
	Heating @ -10°C		kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	- / -	- / -	- / -
Annual Energy Consumption	Cooling / Heating		kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52	-20 / 52	-20 / 52
	Heating	Min. / Max.	°C	-25 / 18	-25 / 18	-25 / 18	-25 / 18
INDOOR				**UV36F.N20**	**UV42F.N20**	**UV48F.N20**	**UV60F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28
Air Flow Rate		H / M / L	m^3/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	36.7	36.7	36.7	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power Level	Cooling	Max.	dB (A)	62	62	63	63
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUD3.U30**			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm^3	5C x 2.5			
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330			
Weight	Net		kg	85			
Compressor	Type		-	Inverter Scroll			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675			
	Precharged Amount / t-CO_2eq		kg	3.0 / 2.025			
	Chargeless		m	20			
	Additional Charging Volume		g/m	40			
Fan	Air Flow Rate	Rated	m^3/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

1. Due to our policy of innovation some specifications may be changed without notification.
2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. This product contains fluorinated greenhouse gases (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One Touch & 2 Piece Filter, Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.

UV18F / UV24F / UV30F / UV36F

UUA1.UL0 UUB1.U20 UUC1.U40

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

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	2.2 / 5.3 / 5.8	2.9 / 7.3 / 8.4	3.2 / 8.0 / 8.8	4.1 / 10.3 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.61 / 1.93	0.40 / 2.06 / 2.47	0.50 / 2.42 / 2.90	0.70 / 3.28 / 3.87
	Heating	Min. / Rated / Max.	kW	0.30 / 1.44 / 1.86	0.40 / 2.23 / 2.90	0.50 / 2.48 / 3.22	0.60 / 2.78 / 3.45
Running Current	Cooling / Heating	Rated	A	7.2 / 6.4	9.0 / 9.7	10.6 / 10.8	14.6 / 12.3
EER / COP			kWh / kWh	3.10 / 3.70	3.30 / 3.28	3.10 / 3.23	2.90 / 3.70
SEER / SCOP			kWh / kWh	6.6 / 4.6	6.6 / 4.2	6.6 / 4.3	6.1 / 4.2
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.9	4.3	4.4	5.5
Seasonal Energy Label	Cooling / Heating		-	A++ / A++	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 883	361 / 1,433	398 / 1,433	545 / 1,833
Dehumidification Rate			l/h	1.7	2.4	2.8	3.6
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø12.7 (1/2)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 / 50	-10 / 48	-10 / 48	-20 / 50
	Heating	Min. / Max.	°C	-10 / 18	-15 / 18	-15 / 18	-15 / 18
INDOOR				**UV18F.N10**	**UV24F.N10**	**UV30F.N10**	**UV36F.N20**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33	50 / 35 / 28
Air Flow Rate		H / M / L	m^3/min	13 / 12 / 11	16 / 15 / 14	19 / 17.5 / 16	28 / 24 / 20
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	27.3	28	28	36.7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43	46 / 43 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				**UUA1.UL0**	**UUB1.U20**		**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50		1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20		25
Power Supply Cable (Included Earth)			No x mm^3	3C x 1.5	3C x 2.5		3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330		950 x 834 x 330
Weight	Net		kg	33.3	44.5		57.7
Compressor	Type		-	Twin Rotary	Twin Rotary		Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675		R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.0 / 0.675	1.2 / 0.81		1.9 / 1.283
	Chargeless		m	10	10		20
	Additional Charging Volume		g/m	20	40		40
Fan	Air Flow Rate	Rated	m^3/min x No.	28 x 1	50 x 1		58 x 1
Total Piping Length		Min. / Max.	m	5 / 30	5 / 35		5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30		30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

CONSOLE
WALL MOUNTED
AHU SOLUTION
ACCESSORIES

STANDARD INVERTER (R32)

Optimized Air Flow for Cooling & Heating

- During cooling operation, the vane adjusts upwards to direct the air flow toward the ceiling. During heating operation, the van directs the air flow toward the floor to balance out the room temperature.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 step vane control for the air flow direction
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- Easy Installation, 6 different ways to Install piping
- Easy Service , Easy Slide-Type PCB
- **Standard for Wi-Fi (Embedded)**
- **Standard for Ionizer**
- **Standard for Wireless controller with the indoor console unit.**

UQ09F / UQ12F / UQ18F

UUA1.UL0 **UUB1.U20**

LG participates in the ECP programme for EUROVENT AC program.
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COMBINATION				9	12	18
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.6 / 3.4	1.5 / 3.5 / 4.0	2.0 / 5.0 / 5.8
	Heating	Min. / Rated / Max.	kW	1.6 / 3.1 / 3.9	1.6 / 4.0 / 4.3	2.0 / 4.9 / 5.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.65 / 0.91	0.30 / 1.00 / 1.46	0.40 / 1.75 / 2.45
	Heating	Min. / Rated / Max.	kW	0.30 / 0.74 / 1.08	0.30 / 1.05 / 1.58	0.30 / 1.56 / 2.11
Running Current	Cooling / Heating	Rated	A	2.9 / 3.3	4.4 / 4.7	8.3 / 8.0
EER / COP			kWh / kWh	4.00 / 4.20	3.50 / 3.80	2.85 / 3.14
SEER / SCOP			kWh / kWh	6.5 / 4.0	6.4 / 4.0	5.8 / 3.8
Pdesign	Cooling @ 35°C		kW	2.6	3.5	5
	Heating @ -10°C		kW	2.8	3	3.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	140 / 980	191 / 1,050	302 / 1,396
Dehumidification Rate			l/h	0.7	1.3	2.4
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid / Gas		mm (inch)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø9.52 (3/8)	Ø6.35 (1/4) / Ø12.7 (1/2)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18
INDOOR				**UQ09F.NA0**	**UQ12F.NA0**	**UQ18F.NA0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	37 / 30 / 25	37 / 30 / 25	44 / 39 / 35
Air Flow Rate		H / M / L	m^3/min	8.5 / 6.7 / 5.0	8.5 / 6.7 / 5.0	10.1 / 8.6 / 7.2
Dimensions	Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Weight	Body		kg	16.3	16.3	16.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power Level	Cooling	Max.	dB(A)	59	59	60
Piping Connections	Drain	O.D. / I.D.	mm	Ø16.7 / 12.2	Ø16.7 / 12.2	Ø16.7 / 12.2
OUTDOOR					**UUA1.UL0**	**UUB1.U20**
Power Supply			Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A		15	20
Power Supply Cable (Included Earth)			No x mm^3		3C x 1.5	3C x 2.5
Dimensions	Net	W x H x D	mm		770 x 545 x 288	870 x 650 x 330
Weight	Net		kg		33.3	44.5
Compressor	Type		-		Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-		R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg		1.0 / 0.675	1.2 / 0.81
	Chargeless		m		10	10
	Additional Charging Volume		g/m		20	20
Fan	Air Flow Rate	Rated	m^3/min x No.		28 x 1	50 x 1
Total Piping Length		Min. / Max.	m		5 / 30	5 / 30
Piping Elevation	IDU - ODU	Max.	m		30	30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min/Max)**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Standard for Wi-Fi (Embedded)**
- **Standard for Wireless controller with the flooring standing unit.**

SERVER

MJ09PC / MJ12PC

UUA1.UL0

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

COMBINATION				9	12
Capacity	Cooling	Min. / Rated / Max.	kW	1.50 / 2.50 / 3.20	1.50 / 3.50 / 4.00
	Heating	Min. / Rated / Max.	kW	1.80 / 3.20 / 3.70	1.80 / 4.00 / 4.40
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 0.58 / 0.84	0.33 / 0.97 / 1.48
	Heating	Min. / Rated / Max.	kW	0.30 / 0.71 / 0.85	0.33 / 1.00 / 1.48
Running Current	Cooling / Heating	Rated	A	2.60 / 3.20	4.40 / 4.50
EER / COP			kWh / kWh	4.30 / 4.50	3.60 / 4.00
SEER / SCOP			kWh / kWh	7.00 / 4.00	6.60 / 4.00
Pdesign	Cooling @ 35°C		kW	2.5	3.5
	Heating @-10°C		kW	2.8	2.8
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A+
Annual Energy Consumption		Cooling / Heating	kWh	125 / 980	186 / 980
Dehumidification Rate			ℓ/h	1.90	1.90
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	49	49
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø 6.35 (1/4) / Ø 9.52 (3/8)	Ø 6.35 (1/4) / Ø 9.52 (3/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**MJ09PC.NSJ**	**MJ12PC.NSJ**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	11 / 18 / 30	11 / 19 / 30
Air Flow Rate		H / M / L	m^3/min	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189
Weight	Body		kg (lbs)	8.2 (18.1)	8.2 (18.1)
	Shipping		kg (lbs)	10.2 (22.5)	10.2 (22.5)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29
Sound Power Level	Cooling	Max.	dB(A)	56	56
Piping Connections	Drain	O.D. / I.D.	mm	Ø 21.5 / 16.0	Ø 21.5 / 16.0
OUTDOOR				**UUA1.UL0**	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15	
Power Supply Cable (included Earth)			No. x mm^2	3C x 1.5	
Dimensions	Net	W x H x D	mm	770 x 545 x 288	
Weight	Net		kg	33.3	
Compressor	Type		-	Twin Rotary	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	
	Precharged Amount / t-CO_2eq.		kg	1.0 / 0.675	
	Control		-	EEV	
	Chargeless		m	10	
	Additional Charging Volume		g/m	20	
	Air Flow Rate	Rated	m^3/min x No.	28 x 1	
Total Piping Length		Min. / Max.	m	5.0 / 30.0	
Piping Elevation	IDU-ODU	Max..	m	30	

* : Sound Pressure is not a value declared on Eurovent Program.

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min/Max)**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Standard for Wi-Fi (Embedded)**
- **Standard for Wireless controller with the flooring standing unit.**

SERVER

MJ18PC / MJ24PC

UUB1.U20 **UUC1.U40**

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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: www.eurovent-certification.com

COMBINATION				18	24
Capacity	Cooling	Min. / Rated / Max.	kW	2.00 / 5.00 / 7.00	2.70 / 6.80 / 7.70
	Heating	Min. / Rated / Max.	kW	2.30 / 5.80 / 6.10	3.00 / 6.90 / 7.24
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 1.39 / 2.63	0.40 / 2.00 / 2.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.71 / 1.96	0.40 / 2.30 / 2.50
Running Current	Cooling / Heating	Rated	A	6.30 / 7.70	9.10 / 10.60
EER / COP			kWh / kWh	3.61 / 3.40	3.40 / 3.00
SEER / SCOP			kWh / kWh	6.80 / 4.00	6.70 / 3.90
Pdesign	Cooling @ 35°C		kW	5.0	6.8
	Heating @-10°C		kW	4.1	5.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A
Annual Energy Consumption		Cooling / Heating	kWh	257 / 1,365	355 / 1,795
Dehumidification Rate			ℓ/h	3.35	3.50
ODU Sound Pressure Level*	Cooling	Rated	dB(A)	47	48
	Heating	Rated	dB(A)	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	63	65
	Heating	Rated	dB(A)	-	-
Piping Connections	Liquid / Gas	Outer Dia.	mm (inch)	Ø 6.35 (1/4) / Ø 12.7 (1/2)	Ø 9.52 (3/8) / Ø 15.88 (5/8)
	Connections Method			Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18
INDOOR				**MJ18PC.NSK**	**MJ24PC.NSK**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input	Min. / Nom. / Max.		W	26 / 39 / 60	27 / 45 / 60
Air Flow Rate		H / M / L	m^3/min	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
Dimensions	Body	W x H x D	mm	975 x 354 x 209	975 x 354 x 209
Weight	Body		kg (lbs)	10.9 (24.0)	11.5 (25.4)
	Shipping		kg (lbs)	13.9 (30.6)	14.5 (32.0)
Sound Pressure Level*	Cooling	H / M / L	dB(A)	44 / 38 / 34	46 / 41 / 36
Sound Power Level	Cooling	Max	dB(A)	59	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø 21.5 / 16.0	Ø 21.5 / 16.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min	A	20	25
Power Supply Cable (included Earth)			No. x mm^2	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq.		kg	1.2 / 0.810	1.9 / 1.283
	Control		-	EEV	EEV
	Chargeless		m	10	20
	Additional Charging Volume		g/m	20	40
	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5.0 / 35.0	5.0 / 50.0
Piping Elevation	IDU-ODU	Max.	m	30	30

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2. Performances are based on the following conditions (It is accordance with EN14511)
   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

STANDARD INVERTER (R32)

High Performance with Wide Operation Range

- **Operation range (heating) is -20°C ~ 18°C (Min/Max) for US30F**
- **Operation range (heating) is -25°C ~ 18°C (Min/Max) for US36F**
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Standard for Wi-Fi (Embedded)**
- **Standard for Wireless controller with the flooring standing unit.**

SERVER

US30F / US36F

UUC1.U40 UUD1.U30 UUD3.U30

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

COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling / Heating	Rated	A	10.1 / 11.1	11.4 / 12.2	4.1 / 4.4
EER / COP			kWh / kWh	3.51 / 3.60	3.70 / 3.90	3.70 / 3.90
SEER / SCOP			kWh / kWh	7.0 / 4.3	6.10 / 3.85	6.10 / 3.85
Pdesign	Cooling @ 35°C		kW	8	9.5	9.5
	Heating @ -10°C		kW	5.4	8.7	8.7
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	400 / 1,758	545 / 3,164	545 / 3,164
Dehumidification Rate			l/h	2.9	3.8	3.8
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 52	50 / 50	50 / 50
ODU Sound Power Level	Cooling	Rated	dB(A)	68	66	66
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 ~ 50	-20 ~ 52	-20 ~ 52
	Heating	Min. / Max.	°C	-20 ~ 18	-25 ~ 18	-25 ~ 18
INDOOR				**US30F.NR0**	**US36F.NR0**	**US36F.NR0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUC1.U40**	**UUD1.U30**	**UUD3.U30**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	3 / 380-415 / 50
Circuit Breaker		Min.	A	25	40	20
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 6.0	5C x 2.5
Dimensions	Net	W x H x D	mm	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net		kg	57.7	85	85
Compressor	Type		-	Twin Rotary	Inverter Scroll	Inverter Scroll
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.9 / 1.283	3.0 / 2.025	3.0 / 2.025
	Chargeless		m	20	20	20
	Additional Charging Volume		g/m	40	40	40
Fan	Air Flow Rate	Rated	m^3/min x No.	58 x 1	55 x 2	55 x 2
Total Piping Length		Min. / Max.	m	5 / 50	5 / 85	5 / 85
Piping Elevation	IDU - ODU	Max.	m	30	30	30

* : Sound Pressure is not a value declared on Eurovent Program.

Note :

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   - Cooling : Indoor Ambient Temp 27°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
   - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
   - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. This product contains fluorinated greenhouse gases. (R32)
5. For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

COMPACT INVERTER (R32)

High Performance with Easy Installation

- Solution for small businesses and shops
- The interior of the air conditioner is maintained clean by drying off the heat exchanger. (Prevents the formation of mold and odors on the heat exchanger)
- The air is comfortably spread up, down, left and rightwards by 6 different discharge angles via the remote control
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- **Standard for Wi-Fi (Embedded)**
- **Standard for Wireless controller with the flooring standing unit.**

US30F / US36F

UUB1.U20 **UUC1.U40**

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

COMBINATION				30	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min. / Rated / Max.	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min. / Rated / Max.	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling / Heating	Rated	A	10.1 / 9.3	13.6 / 13.3
EER / COP			kWh / kWh	3.25 / 3.60	3.10 / 3.60
SEER / SCOP			kWh / kWh	6.8 / 4.1	6.4 / 4.1
Pdesign	Cooling @ 35°C		kW	7.5	9.5
	Heating @ -10°C		kW	4.3	5.8
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	386 / 1,468	520 / 1,980
Dehumidification Rate			l/h	3.0	3.5
ODU Sound Pressure Level*	Cooling / Heating	Rated	dB(A)	50 / 54	54 / 56
ODU Sound Power Level	Cooling	Rated	dB(A)	67	70
Piping Connections	Liquid / Gas		mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
	Connections Method		-	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-10 ~ 48	-20 ~ 50
	Heating	Min. / Max.	°C	-15 ~ 18	-15 ~ 18
INDOOR				**US30F.NR0**	**US36F.NR0**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3
Sound Pressure Level*	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0
OUTDOOR				**UUB1.U20**	**UUC1.U40**
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	20	25
Power Supply Cable (Included Earth)			No x mm^2	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Precharged Amount / t-CO_2eq		kg	1.2 / 0.81	1.9 / 1.283
	Chargeless		m	10	20
	Additional Charging Volume		g/m	40	40
Fan	Air Flow Rate	Rated	m^3/min x No.	50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 35	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30	30

* : Sound Pressure is not a value declared on Eurovent Program.

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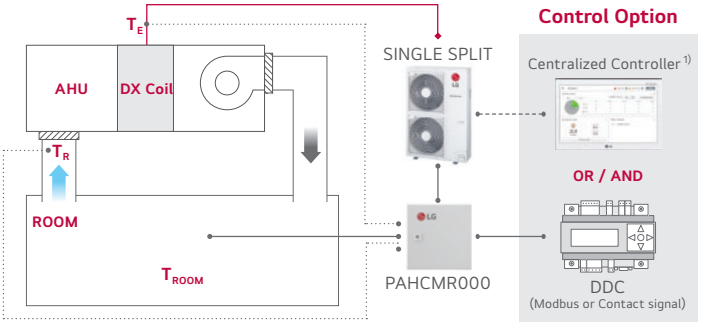
Air Handling Applications

Economically feasible solution for pair application with air handling units.

Return/Room Air Temperature Control

Temp Sensors
Comm. Line
Central Comm. Line to ODU
Ref. Pipe

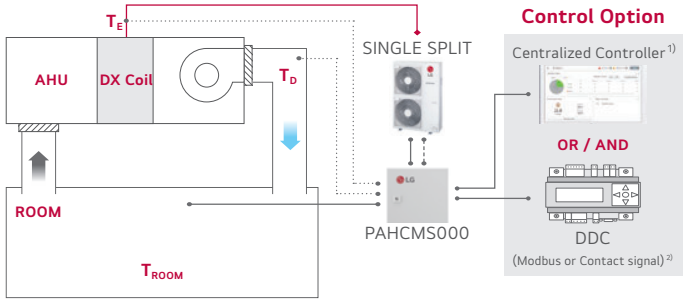
T_E = Evaporator Temperature (Liquid Pipe / Gas Pipe)
T_R = Return Air Temperature
T_{ROOM} = Room Air Temperature



Discharge Air Temperature Control

Temp Sensors
Comm. Line
Central Comm. Line to ODU
Ref. Pipe

T_E = Evaporator Temperature (Liquid Pipe / Gas Pipe)
T_D = Discharge Air Temperature
T_{ROOM} = Room Air Temperature



1) PI485(PMNFP14A1) is required for using centralized controller.
2) In case of applying DDC with contact signal, discharge air temperature should be measured and controlled by DDC.
3) For more detail, please refer to the PDB of AHU Communication Kit.

Communication Kit

PAHCMR000

PAHCMS000

Specification

MODEL	COMBINATION		DESCRIPTION	DIMENSIONS (mm)		
	OUTDOOR UNIT	CENTRALIZED CONTROLLER		W	H	D
PAHCMR000	Single Split	•	Return / Room air temperature control by DDC or LG individual / centralized controller	300	300	155
PAHCMS000	Single Split	•	Discharge air temperature control by DDC or LG individual / centralized controller	380	300	155

Function list for Communication kit

FUNCTION LIST*		PAHCMR000	PAHCMS000	NOTE
Control	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode 1)	Cooling / Heating	Cooling / Heating	
	Return (room) Air Temperature	16~30°C	-	
	Discharge Air Temperature 2)	-	16~30°C	Available in case of using DDC with Modbus or LG Control system
	Fan Speed 3)	Low / Middle / High	Low / Middle / High	It may not be possible depending on the particular condition
	Forced Thermal On / Off	On / Off	-	Available in case of using DDC with contact signal
	Capacity Control	-	•	Available in case of using DDC with Modbus or contact signal
Monitor	Comm. Kit Operation	On / Off	On / Off	
	Operation Mode 1)	Cooling / Heating	Cooling / Heating	Available in case of using DDC with Modbus or LG Control system
	Fan Speed	Low / Middle / High	Low / Middle / High	
	Error Alarm	•	•	
	Compressor On / Off	On / Off	On / Off	Available in case of using DDC with Modbus or LG individual controller PAHCMR000 doesn't provide this in case of using DDC with contact signal

1) Available operation mode can be varied depending on the setting of AHU Communication Kit.
2) This range may differ depending on the type of controller.
3) To control and monitor the fan speed, DO ports for the fan speed status have to be connected with the fan unit.
* Some of functions may not be possible depending on the setting of AHU Communication Kit. For more details of condition, please refer to the product data book.

Combination Table

		R32				R410A	
Model Name		UUA1.UL0	UUB1.U20	UUC1.U40	UUD1.U30/ UUD3.U30	UU70W.U34	UU85W.U74
Capacity Index Range	kBtu/h	9 ~18	18 ~ 30	24 ~ 36	36 ~ 60	70	85
	kW	2.5 ~ 5.0	5.0 ~ 8.0	6.8 ~ 10.0	10.0 ~ 14.6	20.0	25.0
PAHCMR000		X	O	O	O	O	O
PAHCMS000		X	O	O	O	O	O

LG Wi-Fi Modem

Control conditioners by using internet devices such as Android or iOS smartphones.

PWFMDD200

Features

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

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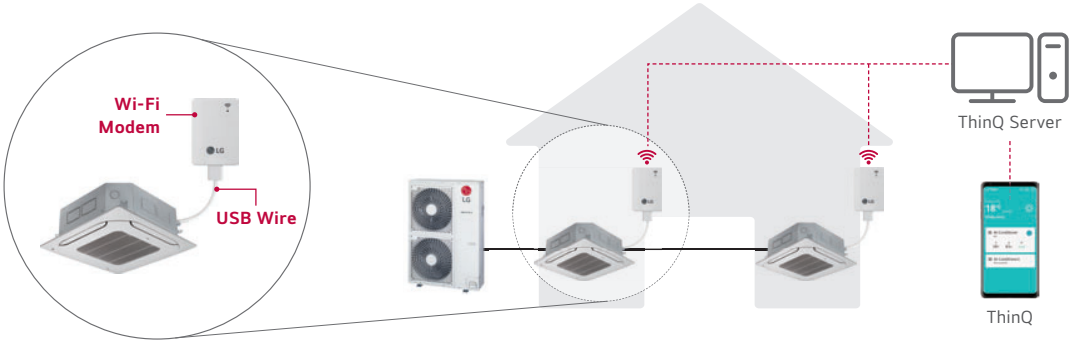
Model Name	PWFMDD200
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	System Air Conditioner [3)]
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	ThinQ (Android v4.1(Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional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

Note : 1. Functionality may be different according to each IDU model.
2. User interface of application shall be revised for its design and contents improvement.
3. Application is optimized for smartphone use, so it may not be well functioning with tablet devices.

1) Vane Control may not be possible according to the type of Indoor unit.
2) LG Centralized controller and PDI installation is required for this function.
3) For the compatibility with indoor units, regional LG office.

Overview



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

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