

LG Price List

VALID FROM FEBRUARY 2022

Innovation for a Better Life



LG ELECTRONICS - SOLUTION PROVIDER

Total HVAC solution provider

Since manufacturing Korea's first air conditioner exclusively designed for residential use in 1968, LG has been a pioneer of heat pump innovation. Encouraged by LG's technological leadership in the residential air conditioning sector since the late 1990's LG has moved successfully into the commercial sector. LG Electronics air conditioning systems have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.

LG Electronics Product Warranty

LG Electronics Single and Multi-Split air conditioning systems within this brochure come with the manufacturer's standard 3 years warranty (parts and a labour contribution). If installed and operated correctly to the manufacturer's guidelines. The product warranty can be extended up to 5 years (additional 2 years parts only) at no additional costs, if the installer(s) attend the LG Electronics technical product training course on Splits and Multi-Split systems. A unique training certificate number will be supplied. This is correct at the time of publication. Please check the full product warranty to ensure the current terms and conditions.

The full product Warranty can be requested directly from LG Electronics.
Email: aircon.sales@lge.com

R32 Refrigerant

The refrigerant R32 has a higher efficiency and is better for our environment than when compared to R410A. R32 has a lower GWP value of 675, and an (ODP) of 0. Refrigerant piping consists of copper/steel pipes, joints, and other fittings. All components must be selected and installed in conformity with the standards pertaining to the Refrigeration Safety Regulation. Please always refer to LG's installation manuals.

Caution

The refrigerant type R32 is classified as slightly flammable. In the very unlikely event of a refrigerant leak, turn off any combustible devices and ventilate the room where the leak occurred.

<https://www.gov.uk/guidance/selling-f-gas-or-equipment>

Federation of Environmental Trade Associations (FETA).

LG Electronics are a member of FETA [Federation of Environmental Trade Associations].

Companies represented by FETA have made a positive decision to differentiate themselves by belonging to a reputable, not-for-profit organisation, which is committed to making a difference. Central to those efforts is a focus on energy efficiency, supporting DECC and International Energy Association views that the demand for energy can and should be significantly reduced via this mechanism.

The Heat Pump Association (HPA) is the UK's leading authority on the use and benefits of heat pump technology and includes many of the country's leading manufacturers of heat pumps, components and associated equipment.



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Made Better with LG 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 and commercial premises. New levels of control and convenience simplify everyday life and free up time. LG ensures its intelligent offerings, AI-powered products and services unlock new roles for home and office that can play an important role for truly smart working and living.

Access your air conditioner anytime, anywhere



Simple operation for various functions

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

* These functions are used by google assistant & amazon alexa

LG's Air Conditioning and Energy Solutions Technical Service Department Contact

SMS 24/7 ⁽¹⁾	Text the 1,2 or 3 digit number of your fault code to the NEW NUMBER 07860 018 690 An automated text message containing fault diagnosis instructions will be sent by return. For further instructions on how to use this service, text HELP to the same number.
Email ⁽²⁾	Send your pre-sales technical queries by email to: airconsales@lge.com Send your after-sales technical queries by email to: uk.aircon@lge.com Spare part(s) quotes, orders, returns and queries email: aircon.spares@lge.com Technical product training or seminar queries, bookings and details email: aircon.training@lge.com Site visit requests, technical assistance and/or commissioning email: aircon.commissioning@lge.com Dead on Arrival (DOA forms ref: LGUNDOAv*_**_**) to be emailed to: returns.uk@lge.com and aircon.warranty@lge.com
Telephone ⁽²⁾	Speak to one of our fully trained engineers for After-Sales Technical Support by dialling 08448 471 402 select 'option 4'

(1) This service is available everyday all day

(2) This service is available Monday to Friday between 09:00 and 17:00, excludes public holidays and the Christmas period.

TIP! The help desk team need: your name, company name, model reference and serial number before they can provide you with advice.

partner.lge.com/uk

Many installation and service manuals, operation/user guides can be freely downloaded without the need to login.

If there is something you are looking for and cannot find please contact your LG Electronics Distributor: www.lg.com/uk/business/findadealer

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

Anytime, Anywhere!
ThinQ™
with Voice Control

OK Google,
turn on the air conditioner.
Sure, turning on



☐ Specifications may vary for each model.

Benefit

Easily comprehensible error messages make detecting a solution and contacting the service center simple and convenient.

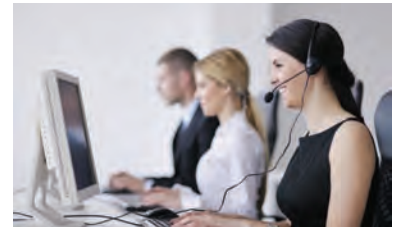


For Consumer



- Easily check operational status of a product without a display or one that provides limited information.
- Save energy by monitoring key operational information and power consumption.
- Using the Maintenance Guide helps to improve device performance and increase product life-span.

For Installer and SVC



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

Dual Inverter Compressor



A compressor is the heart of an air conditioner, and monitoring whether it is operating at its best performance, effectively and quietly, to save the system stress as well lower running costs. LG's Dual Inverter Compressor provides an effective solution, resulting in an air conditioner that cools and heats faster, lasts longer, and operates quieter than conventional models.

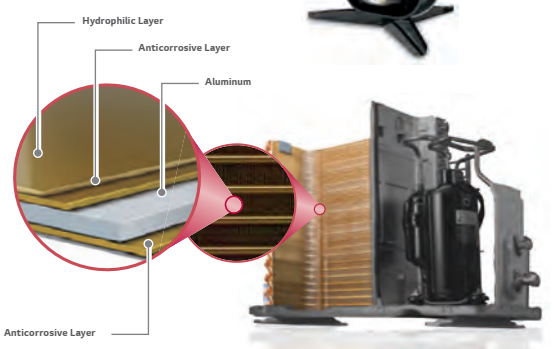


Gold Fin™

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.

Corrosion-resistant protective layer
The gold-coloured special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit and given it a premium look.



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

AirCare Complete System™

The all-new AirCare Complete System uses a filtration process with UVnano™ and Ionizer that removes fine dust and even bacteria, ensuring the air flow around is always fresh.

ART COOL™ MIRROR

Auto Cleaning

Automatically dries out any moisture collected in the unit to prevent the formation of harmful particles.

Pre-Filter™

Traps big dust particles from the start.

Allergy Filter

Removes allergy-causing substances, such as house dust mites, floating in the air.

UVnano™

Keeps your fan 99.99% bacteria-clean with UV LED light to ensure fresh and clean air is delivered.

Plasmaster™ Ionizer⁺⁺

Keeps the air cool and healthy by deodorising the air as well as removing 99.9%* of adhering bacteria.

DUAL COOL™ DELUXE

Auto Cleaning

Automatically dries out any moisture collected in the unit to prevent the formation of harmful particles.

Pre-Filter™

Traps big dust particles from the start.

Allergy Filter

Removes allergy-causing substances, such as house dust mites, floating in the air.

UVnano™

Keeps your fan 99.99% bacteria-clean with UV LED light to ensure fresh and clean air is delivered.

Plasmaster™ Ionizer⁺⁺

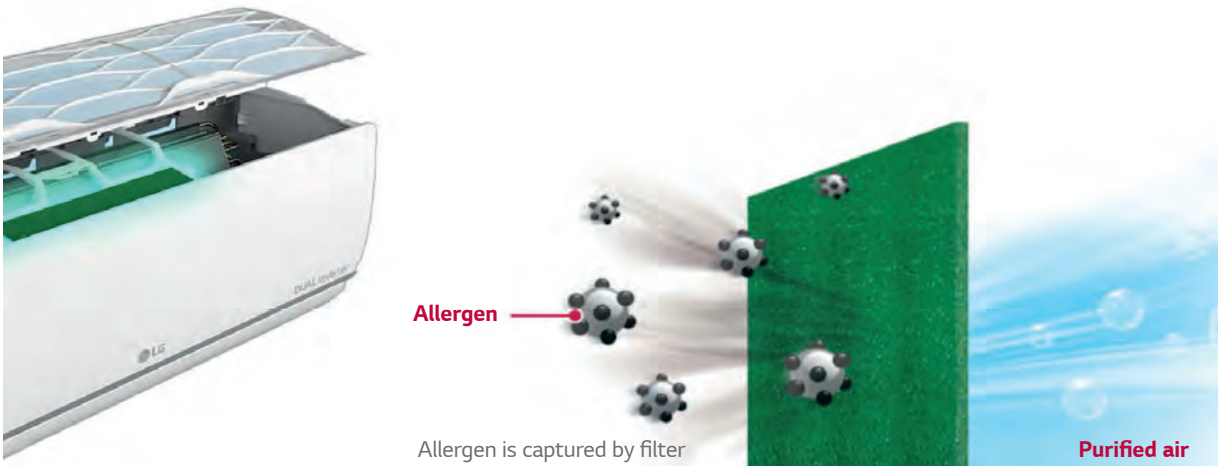
Keeps the air cool and healthy by deodorising the air as well as removing 99.9%* of adhering bacteria.

Allergy Filter

Airflow from an air conditioner can cause or contribute to symptoms associated with allergies or asthma. However, LG units boast an interior filter that can absorb these harmful substances, such as dust mites, pollen, fungi, and mold, that float throughout the air.

How It Works

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



Certification



Specially coated filter reduces

* Test Condition Disclaimer

A filter is coated to absorb harmful substances that can cause allergies.

The air conditioner strongly absorbs indoor air and removes allergy-causing substances, such as house dust mite, fungi, mold, floating in the air.

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

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.

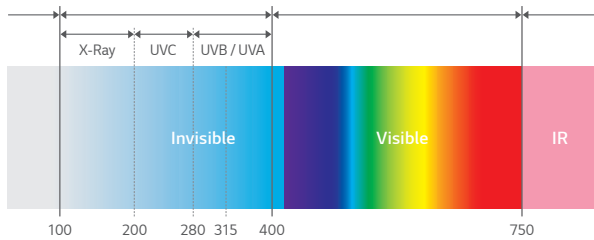
UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV (ultraviolet) and nanometer (unit of length).

What is UVnano™ and How it Works?

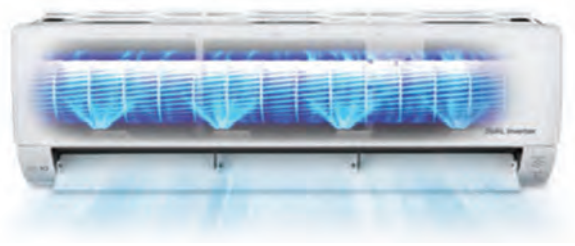
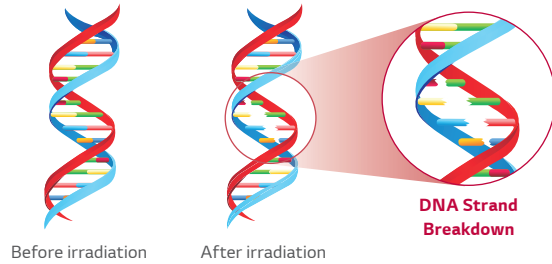
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria/mold/viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

DNA Absorption Efficiency by Wavelength

Electromagnetic Spectrum and Types



Destruction Nuclear Sequence (Chain)



Energy Display

LG's Energy Display panel monitors the amount of energy levels used. Reduce energy consumption while enjoying a comfortable indoor environment by checking your energy level directly on the AC panel.

Specifications may vary for each model. When connected to Multi ODU, Energy Display function may not be supported.

How it Works

Magic Display & Remote Control

With the push of a button on the remote control, indoor unit's LCD display shows the current and total energy use, thus making the users aware of reducing energy consumption.



Benefit

Normal Mode

Current Setting Temp.



Electric Power

Displays Current Energy Use



SINGLE SPLIT LINE-UP

LG Electronics single split wall mount units are suited to numerous applications: bedroom, living-room, conservatory, home office / summer house, extensions and small commercial space such as local shops really anywhere that requires one room to be heated or cooled. Many unique features are offered to customers with LG wall mounted units, such as the ARTCOOL Gallery which can be personalised with your own artwork or family photos, or the Deluxe and Standard Plus with embedded Wi-Fi.

		9		12		15		18		24	
		2.6		3.5		4.2		5.3		7.0	
Wall Mounted Unit	INDOOR UNITS	9		12		15		18		24	
	KW	2.6		3.5		4.2		5.3		7.0	
	ARTCOOL Mirror	○● AC09BK.NSJ		○● AC12BK.NSJ		○● AC18BK.NSK		○● AC24BK.NSK			
	List Price	£439.00		£524.00		£719.00		£767.00			
	Deluxe	○● DC09RK.NSJ		○● DC12RK.NSJ		○● DC18RK.NSK		○● DC24RH.NSK			
	List Price	£307.00		£344.00		£479.00		£600.00			
Standard Plus	○● PC09SK.NSJ		○● PC12SK.NSJ		○● PC18SK.NSK		○● PC24SK.NSK				
List Price	£254.00		£277.00		£367.00		£491.00				
OUTDOOR UNITS - KW		2.6		3.5		4.2		5.3		7.0	
Connecting Outdoor Unit	Mirror	○ AC09BKUA3		○ AC12BKUA3		○ AC18BKUL2		○ AC24BKU24			
	List Price	£461.00		£531.00		£728.00		£1,022.00			
	Deluxe	○ DC09RKUL2		○ DC12RKUL2		○ DC18RKUL2		○ DC24RKU24			
	List Price	£506.00		£593.00		£806.00		£1,006.00			
	Standard Plus	○ PC09SKUA3		○ PC12SKUA3		○ PC18SKUL2		○ PC24SKU24			
	List Price	£415.00		£471.00		£660.00		£808.00			

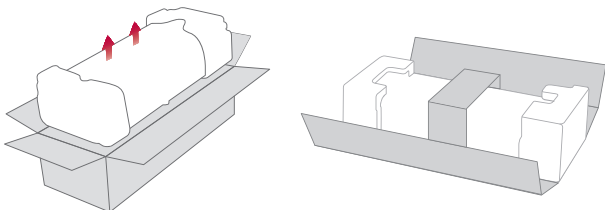
These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO₂eq : F-gas(kg)*GWP/1000)
 S : Sleep / L : Low / M : Medium / H : High
 Specification, design and feature are subject to change without prior notice.



Quick & Easy Installation

LG air conditioner is designed for an easy and efficient installation, making it possible to install several units in a short period of time. By reducing the manpower and time required for installation, it is now possible to install more units in less time.

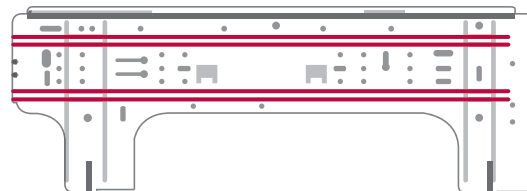
One Simple Packing Box



Conventional

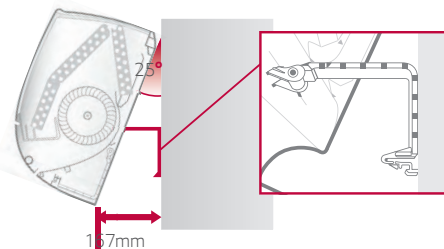
LG

LG's installation plate is larger and customised to reduce with measurements and template to save on the installation time.



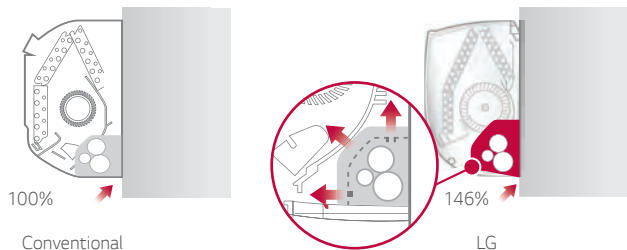
Installation Support Clip

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



Wider Tubing Space

The space provided for tubing facilitates the whole installation process and hides the unorganised parts, making it appear clean and tidy.

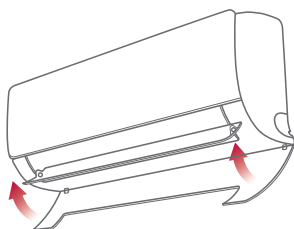


Conventional

LG

Detachable Bottom Cover

The air conditioner's bottom cover is detachable for easier installation and access.



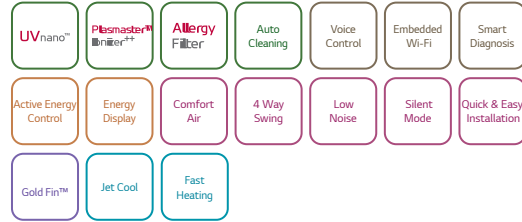
Quick button for running test

The test button is conveniently located and easy to find.



Quick Button

ARTCOOL MIRROR

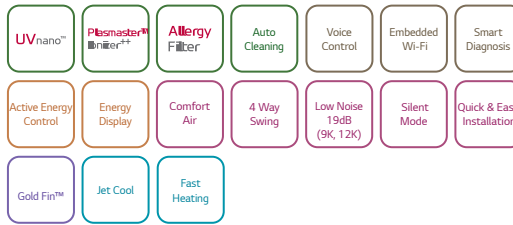


LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				AC09BK NSJ	AC12BK NSJ	AC18BK NSK	AC24BK 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
Power Input	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
	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
	Heating						
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 (Including Earth)			N x mm ²	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
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
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	26.0	26.0	35.2	46.4
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
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
List Price - Indoor Unit + Outdoor Unit			£	£439.00+£461.00	£524.00+£531.00	£719.00+£728.00	£767.00+£1,022.00
List Price - System Price			£	£900.00	£1,055.00	£1,447.00	£1,789.00

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
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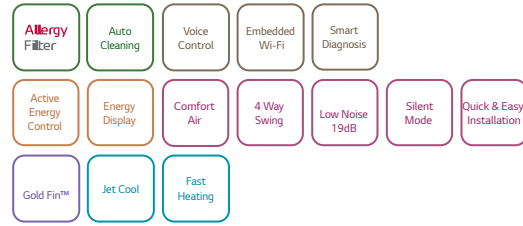
Single Combination

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
Power Input	Heating -7°C	Rated	kW	3.20	3.50	4.20	6.00
	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
	Heating		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 / 10.40 / 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	4 x 1.0	4 x 1.0	4 x 1.0
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
	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
List Price - Indoor Unit + Outdoor Unit			£	£307.00+£506.00	£344.00+£593.00	£479.00+£806.00	£600.00+£1,006.00
List Price - System Price			£	£813.00	£937.00	£1,285.00	£1,606.00

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.



DUALCOOL STANDARD PLUS



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

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				PC09SK NSJ	PC12SK NSJ	PC18SK NSK	PC24SK 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	4 x 1.0	4 x 1.0	4 x 1.0
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				PC09SK UA3	PC12SK UA3	PC18SK UL2	PC24SK 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
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
List Price - Indoor Unit + Outdoor Unit			£	£254.00+£415.00	£277.00+£471.00	£367.00+£660.00	£491.00+£808.00
List Price - System Price			£	£669.00	£748.00	£1,027.00	£1,299.00

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.



SINGLE SPLIT LINE-UP

kBTu/h	STANDARD INVERTER (R32)								COMPACT INVERTER (R32)					STANDARD INVERTER (R410A)					
	Ceiling Mounted Cassette	Round Cassette	Ceiling Concealed Duct		Ceiling Suspended	Wall Mounted	Console	ODU		Ceiling Mounted Cassette	Ceiling Concealed Duct		Ceiling Suspended	Wall Mounted	ODU	Ceiling Concealed Duct (High Static)	Floor Standing	ODU	
			Mid Static	Low Static				1Ø	3Ø		Mid Static	Low Static						1Ø	1Ø
9	2.5																		
12	3.4																		
18	5.0																		
24	6.8																		
30	8.0																		
36	9.5																		
42	12.0																		
48	13.4																		
60	14.6																		
70	20.0																		
85	25.0																		

- Notes :**
- Due to our policy of innovation some specifications may be changed without notification.
 - Performances are based on the following conditions (It is accordance with EN14511)
 - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
 - 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
 - These product contain fluorinated greenhouse gases (R32) or (R410A)

COMFORT WITH TEMPERATURE & HUMIDITY SENSORS

With Dual Sensing Control, air conditioners can rapidly achieve a comfortable indoor environment for customers.



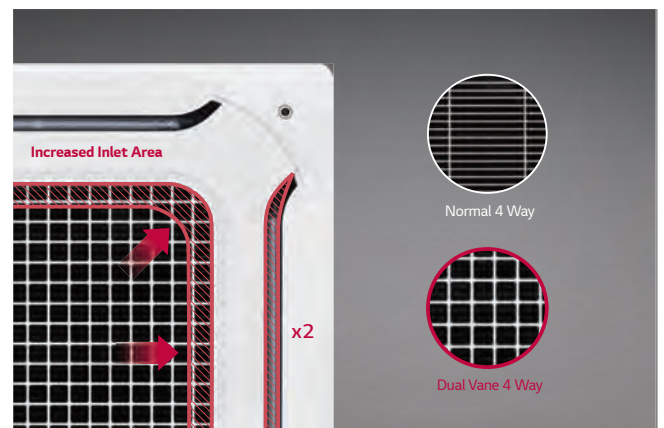
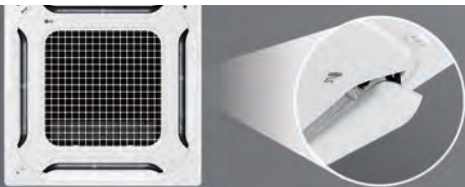
By sensing both temperature and humidity, this feature helps avoid over-cooling and dehumidification, maximizing comfort



☑ Comfort cooling applied to Ceiling Cassette, Ceiling Suspended & Console unit.
- It does not apply to small capacity cassette models (CT09F, CT12F, CT18F)

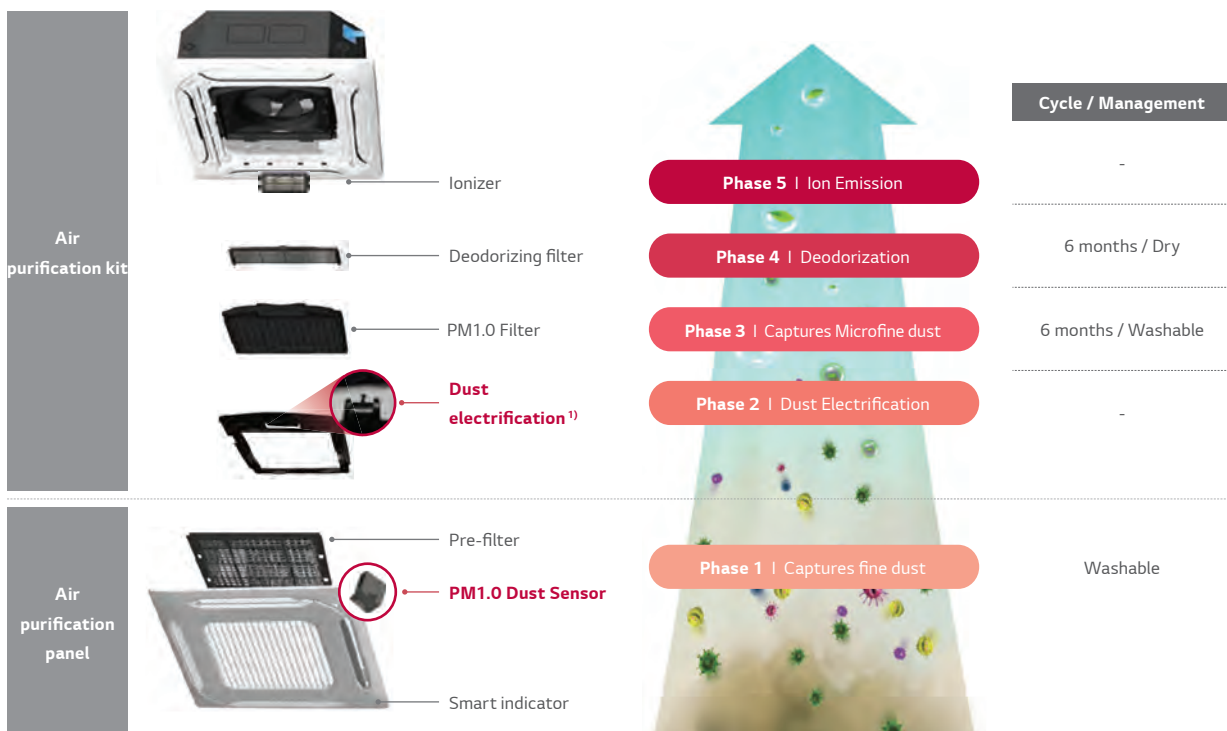
NEW DESIGN - 4-way air flow with new dual vane design

Innovative dual vane designs each of the best airflow over various spaces with bigger inlet and outlet for faster cooling / heating airflow.



Convenient and Powerful Air purification

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

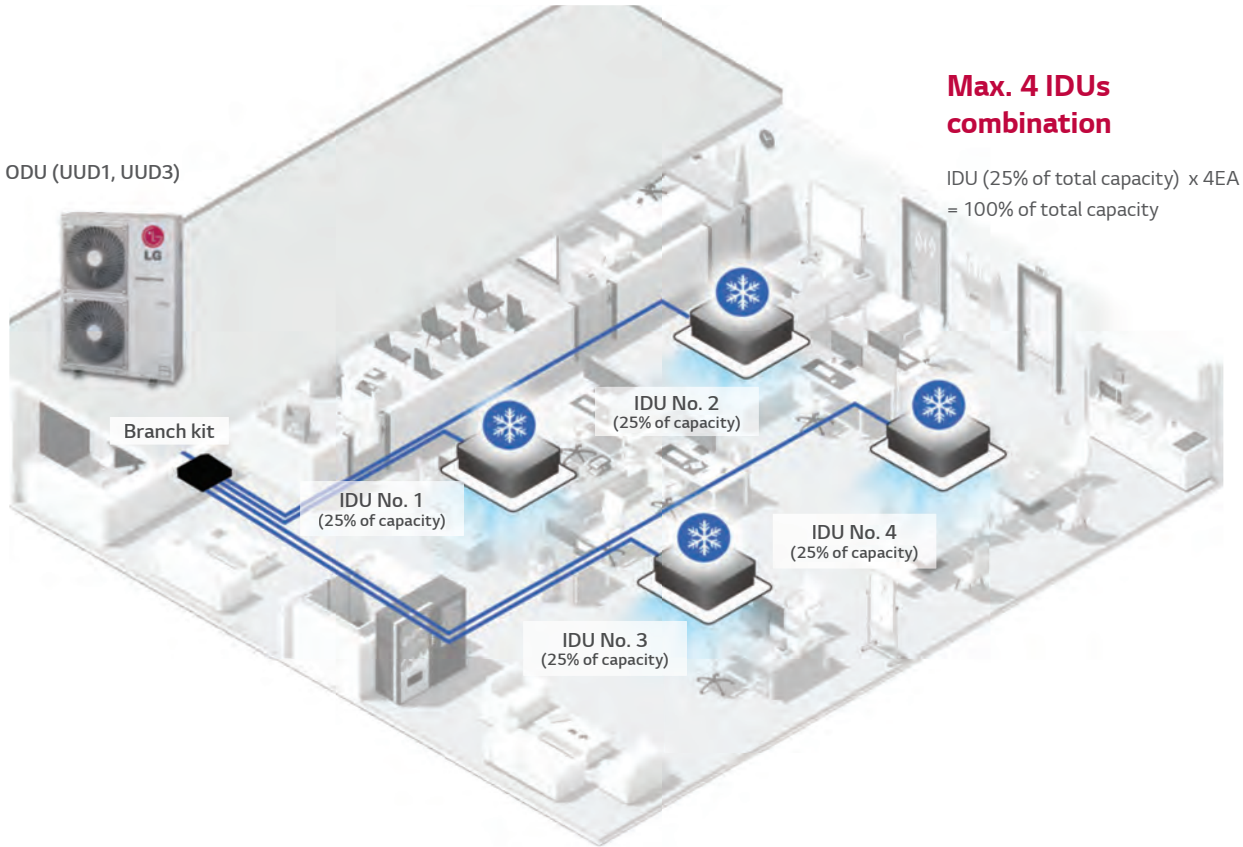


1) Electrical diffusion makes dust electrification.

ENHANCED APPLICATION

Synchro function

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



Combination table

Model - R32 ODU	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	-	-	-	-
		CL18F x 2EA		CL18F x 3EA		
Branch kit	PMUB11A		PMUB111A		PMUB1111A	

SYNCHRO		
2 PMUB11A	3 PMUB111A	4 PMUB1111A
£128.00	£139.00	£149.00



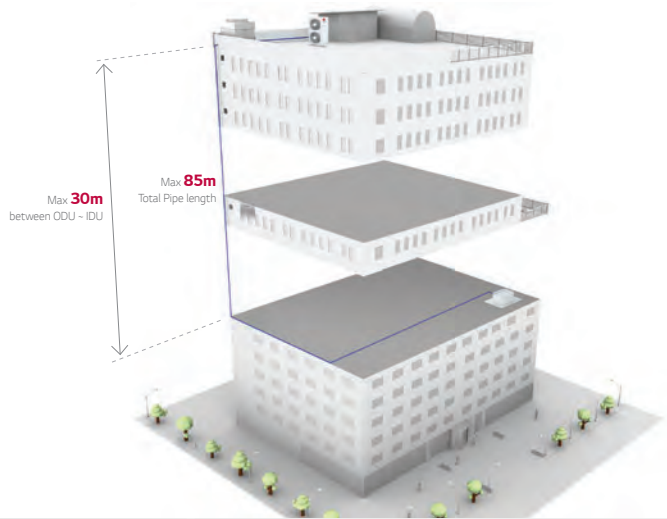
Model - R410A ODU	DUO		
	4 Way Cassette	Duct	Ceiling Suspended
UU70W	UT36F NAO*2	UM36F N20*2	-
	UT42 NM2*2	UM42 N24*2	UV42FN20 *2
UU85W	-	-	-
	UT42F NAO*2	UM42F N20*2	-
Branch kit	PMUB11A		

- 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.
- Branch kits are required for operating Synchro models.
NEVER USE A R410a INDOOR ON A R32 OUTDOOR!

HIGH PERFORMANCE & RELIABILITY

Long Pipe Installation

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



[Test condition]

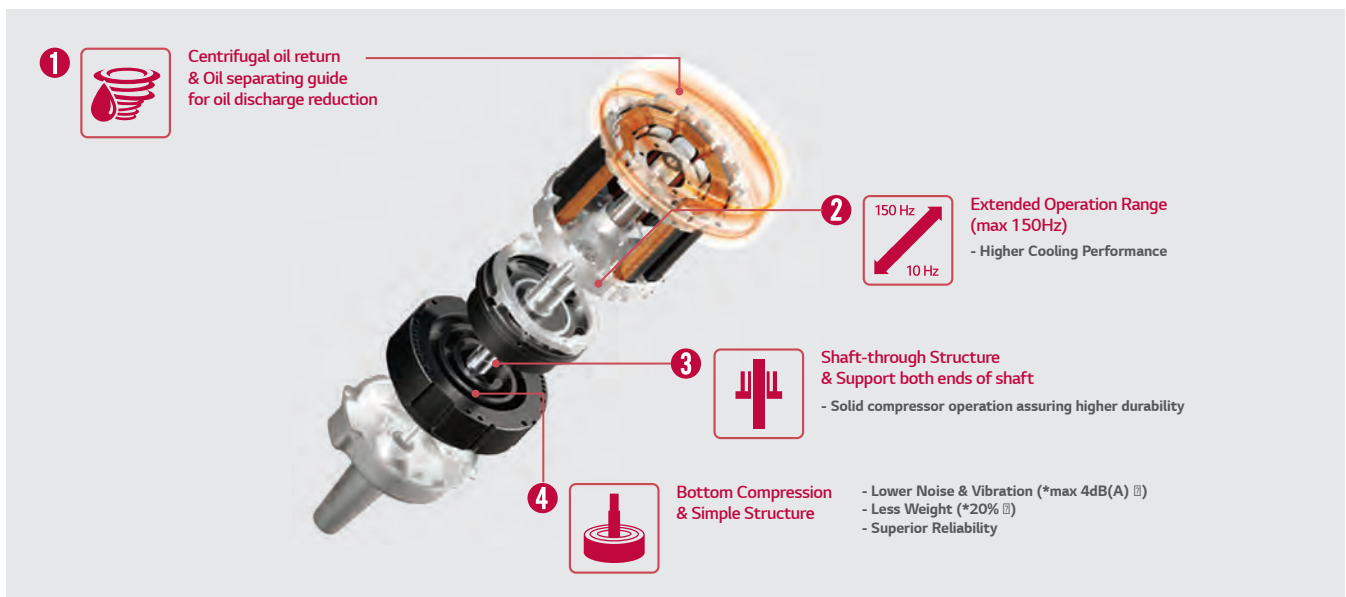
- Location : LG HQ
- Installation : Apply the maximum pipe length by model
- Period : 3 month (checking oil level in real time)
- No use U-Trap

Model name	UUA1	UUB1	UUC1	UUD1 / UUD3
Total pipe length (m)	30	30 / 35*	50	85
Pipe Elevation Level ODU-IDU (m)	30	30	30	30

* 24k, 30k

R1 Compressor™

The LG R1 Compressor combines high-efficiency and low sound characteristics of the scroll and the simple compressing structure of the rotary compressor.



Corrosion Resistance Black Fin

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

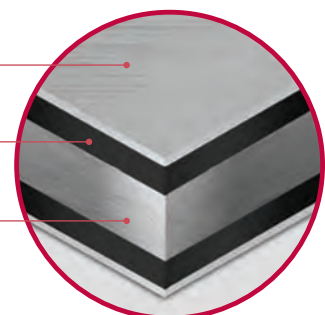
Hydrophilic Film (Water Flow)

The Hydrophilic coating minimizes moisture buildup on the fin.

Acryl + Epoxy + Melamine Resin (Corrosion Resistant)

The Black coating provides strong protection from corrosion.

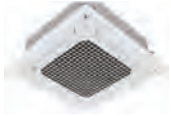
Aluminum Fin



CEILING MOUNTED CASSETTE

CT09F / CT12F / CT18F / CT24F / UT30F

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UUA1 ULO

UUB1 U20

UUC1.U40



COMBINATION				9	12	18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.5	2.0 / 5.0 / 5.8	2.7 / 6.8 / 8.0	3.2 / 8.0 / 9.2
	Heating	Min. / Rated / Max.	kW	1.8 / 3.2 / 3.7	1.8 / 4.1 / 5.0	2.3 / 5.7 / 6.6	3.0 / 7.5 / 9.0	3.6 / 8.9 / 10.1
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	0.40 / 1.93 / 2.66	0.50 / 2.45 / 3.14
	Heating	Min. / Rated / Max.	kW	0.30 / 0.75 / 0.89	0.30 / 1.11 / 1.57	0.30 / 1.52 / 2.13	0.40 / 1.96 / 2.84	0.50 / 2.62 / 3.25
Running Current	Cooling	Rated	A	2.7	4.4	8.0	8.6	10.9
	Heating	Rated	A	3.3	4.9	7.8	8.7	11.6
EER / COP			kWh/kWh	4.10 / 4.30	3.50 / 3.71	3.19 / 3.74	3.52 / 3.83	3.27 / 3.40
SEER / SCOP			kWh/kWh	6.7 / 4.0	6.7 / 4.0	6.4 / 4.3	7.4 / 4.3	7.1 / 4.3
Pdesign	Cooling @ 35°C		kW	2.5	3.4	5	6.8	8
	Heating @ -10°C		kW	2.8	2.8	4.1	5.6	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	131 / 980	178 / 980	273 / 1,335	322 / 1,823	394 / 1,823
Dehumidification Rate			l/h	0.63	1.26	1.89	2.8	2.8
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52	50 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65	68
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared	Flared
Operation (Outdoor)	Range Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18	-20 / 18

INDOOR				CT09F NRO	CT12F NRO	CT18F NQO	CT24F NBO	UT30F NBO
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 Input (IDU)		H / M / L	W	26 / 22 / 19	28 / 24 / 20	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26
Air Flow Rate		H / M / L	m³/min	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13 / 12 / 11	18 / 15.5 / 14	19 / 17 / 15.5
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840
Weight	Body		kg	12.4	12.4	13.9	21.1	21.1
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35
Sound Power Level	Cooling	Max.	dB(A)	52	52	57	53	57
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
List Price - Indoor Unit			£	£387.00	£397.00	£461.00	£554.00	£630.00
Recommended Decoration Panel*	Model Name		-	PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-AAGW0	PT-AAGW0
	Color		-	White	White	White	White	White
	Dimensions	Body	mm	620 x 34 x 620	620 x 34 x 620	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	3.0	3.0	3.0	7.1	7.1

List Price - Decoration Panel	£	£127.00	£144.00
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OUTDOOR				UUA1 ULO	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 mm³	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
	Type		-	R32	R32	R32
	GWP (Global Warming Potential)		-	675	675	675
	Precharged Amount		kg	1.0	1.2	1.9
	t-CO ₂ eq		-	0.675	0.81	1.283
Fan	Additional Charge (After 7.5m)		g/m	20	20	40
	Air Flow Rate	Rated	m³/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
List Price - Outdoor Unit	£	£816.00	£1,046.00	£1,355.00		

List Price - Indoor + Outdoor Unit Price	£	£1,203.00	£1,213.00	£1,507.00	£1,909.00	£2,526.00
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CONTROLLER	MODEL REFERENCE	LIST PRICE £
Premium	PREMTA000*	£237.00
Standard II	PREMTB001 / BB01	£100.00
Standard III	PREMTB100 / BB10	£157.00

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Simple	PQRCVCLQW / PQRCVCLQQ	£119.00
Simple - Hotel	PQRCHCAQW / PQRCHCAQQ	£119.00
Wireless Controller	PWLSSB21H	£78.00

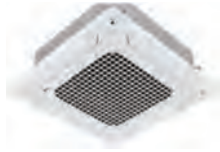
Note: There is not an option for dual vane on CT09 and CT12 indoor models. * Decoration panel can be selected as an optional accessory.



CEILING MOUNTED CASSETTE

UT36F / UT42F / UT48F / UT60F

ADD THE PRICE OF THE GRILLE AND CONTROLLER TO YOUR ORDER



UUD1.U30 UUD3.U30



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COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.1 / 14.2	5.4 / 13.4 / 15.7	5.8 / 14.6 / 15.8
	Heating	Min. / Rated / Max.	kW	4.3 / 10.8 / 13.4	5.4 / 13.5 / 15.8	6.2 / 15.5 / 17.5	6.8 / 16.9 / 18.3
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.26 / 3.44	0.70 / 3.31 / 4.30	0.90 / 4.25 / 5.53	1.00 / 5.21 / 5.84
	Heating	Min. / Rated / Max.	kW	0.50 / 2.43 / 3.30	0.70 / 3.51 / 4.56	0.90 / 4.37 / 5.33	1.00 / 5.12 / 5.89
Running Current	Cooling	Rated	A	10.1	14.6	18.7	23.1
	Heating	Rated	A	10.7	15.0	19.0	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		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	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 NAO	UT42F NAO	UT48F NAO	UT60F NAO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	60 / 50 / 45	60 / 50 / 45	80 / 60 / 50	80 / 60 / 50
Air Flow Rate		H / M / L	m³/min	27.5 / 25 / 22.5	27.5 / 25 / 22.5	30 / 27.5 / 25	30 / 27.5 / 25
Dimensions	Body	W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Weight	Body		kg	25.3	25.3	25.3	25.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	44 / 42 / 41	44 / 42 / 41	46 / 44 / 42	46 / 44 / 42
Sound Power Level	Cooling	Max.	dB(A)	61	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
List Price - Indoor Unit			£	£697.00	£762.00	£1,064.00	£1,331.00
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
List Price - Decoration Panel (or upgrade to PT-AFGW0 model - £200.00)			£			£144.00	
OUTDOOR - SINGLE PHASE				UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50			
Circuit Breaker		Min.	A	40			
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0			
List Price - Outdoor Unit			£	£1,967.00			
OUTDOOR - THREE PHASE				UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50			
Circuit Breaker		Min.	A	20			
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5			
List Price - Outdoor Unit			£	£2,247.00			
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		-	R32			
	GWP (Global Warming Potential)		-	675			
	Precharged Amount		kg	3.0			
	t-CO ₂ eq		-	2.025			
	Additional Charge (After 7.5m)		g/m	40			
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2			
Total Piping Length		Min. / Max.	m	5 / 85			
Piping Elevation	IDU - ODU	Max.	m	30			
List Price - Single Phase Outdoor + Indoor Unit Price			£	£2,664.00	£2,729.00	£3,031.00	£3,298.00
List Price - Three Phase Outdoor + Indoor Unit Price			£	£2,944.00	£3,009.00	£3,311.00	£3,578.00

COMPACT SYSTEM CEILING MOUNTED CASSETTE

CT18F / CT24F / UT30F / UT36F

UUA1 ULO

UUB1 U20

UUC1 U40



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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 / 10.8
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	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	0.34 / 1.76 / 2.11	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57
	Heating	Min. / Rated / Max.	kW	0.30 / 1.45 / 1.87	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30
Running Current	Cooling	Rated	A	7.8	8.8	10.1	12.4
	Heating	Rated	A	6.4	9.6	10.4	12.3
EER / COP			kWh/kWh	2.85 / 3.60	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90
SEER / SCOP			kWh/kWh	6.3 / 3.9	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3
Pdesign	Cooling @ 35°C		kW	5	6.8	7.5	9.5
	Heating @ -10°C		kW	2.8	4.1	4.1	5.6
Seasonal Energy Label	Cooling / Heating		-	A++ / A	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	278 / 1,005	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	1.8	2.6	3.1	2.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56
	Cooling	Rated	dB(A)	65	65	67	70
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation (Outdoor)	Range 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				CT18F NQ0	CT24F NBO	UT30F NBO	UT36F NAO
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	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11	18 / 15.5 / 14	19 / 17 / 15.5	27.5 / 25 / 22.5
Dimensions	Body	W x H x D	mm	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	13.9	21.1	21.1	25.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41
Sound Power Level	Cooling	Max.	dB(A)	57	53	57	61
List Price - Indoor Unit			£	£461.00	£554.00	£630.00	£697.00
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-QAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾
	Color		-	White	White	White	White
Dimensions	Body		mm	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950
	Weight	Body	kg	3.0	7.1	7.1	7.1
List Price - Decoration Panel (or upgrade to PT-AFGW0 model - £200.00)			£	£127.00		£144.00	
OUTDOOR				UUA1 ULO	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 mm³	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	
	Type		-	R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	675	
	Precharged Amount		kg	1.0	1.2	1.9	
	t-CO eq		-	0.675	0.81	1.283	
	Additional Charge (After 7.5m)		g/m	20	40	40	
Fan	Air Flow Rate	Rated	m³/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	
List Price - Single Phase Outdoor Unit Price			£	£816.00	£1,046.00	£1,355.00	
List Price - Single Phase Indoor and Outdoor Unit Price			£	£1,277.00	£1,600.00	£1,046.00	£2,052.00

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Premium	PREMTA000*	£237.00
Standard II	PREMTB001 / BB01	£100.00
Standard III	PREMTB100 / BB10	£157.00

CONTROLLER	MODEL REFERENCE	LIST PRICE £
Simple	PQRCVCLQW / PQRCVCLQ	£119.00
Simple - Hotel	PQRCHCAQW / PQRCHCAQ	£119.00
Wireless Controller	PWLSSB21H	£78.00

ACCESSORIES

Cassette Panels



PT-AAGW0
PT-AFGW0
PT-QAGW0 (Mini 4 Way)

Key Features

Model	Dual Vane	Wi-Fi	Floor Temperature Sensor	Air Purification	Occupancy Sensor	Dust Sensor	Tact switch	Elevating Grille	
PT-AAGW0	O	Optional	Optional	X	Optional	X	X	X	£144.00
PT-AFGW0	O	Optional	Optional	Optional	Optional	O	O	X	£200.00
PT-QAGW0									£127.00

Specification

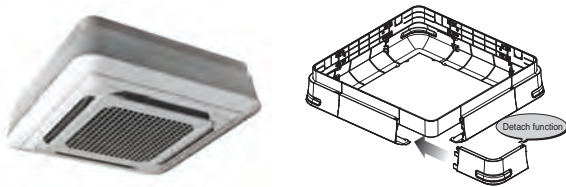
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)			Applied Model Capacity (kW)*						Price	
					W	H	D	Single Split		Multi Split		Multi V			
								R32	R410A	R32	R410A	R32	R410A		
4 Way	PT-QCHW0	Grill	Morning Fog (RAL 9001)	X	3.0	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£140.00
	PT-UQC	Grill	Morning Fog (RAL 9001)	X	3.0	700	22	700	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£132.00
	PT-QAGW0	Grid	White (RAL 9003)	X	2.9	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£127.00

Air Purification Kit

Model	Image	Model name	Dielectric Dust collecting filter	Photocatalytic Deodorizing filter	HVPS	Ionizer	Price List
Air cleaning kit		PTAHMPO		O	O	O	£745.00
		PTAHTPO		O	O	O	£117.00

Cassette Cover

Cover in case of exposed cassette installation.



Key Features

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

Specification

Model	Front Panel	Weight (kg)		Dimensions (mm)			
		NET	Gross	W	H	D	
PTDCQ	PT-UQC	TR	5.0	7.2	907	907	268
		TQ	5.0	7.2	907	907	310

* Decoration panel can be selected as an optional accessory.

Model Name

PTDCQ - £186.00

Applied Products

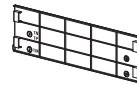
4 Way Cassette (for chassis TQ, TR)

Included Parts

- Cover A, Cover B
- Cover C, Cover D
- Screws
- Installation Manual (for chassis TQ, TR)



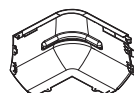
Cover A (4 units)



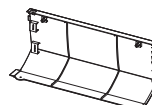
Cover B (4 units)



Screw (32 units)



Cover C (4 units)



Cover D (4 units)



Installation Manual

(Size 24 upwards, upgrade you grille to PT-AFGW0 model)

ROUND CASSETTE

UT36F NY0 / UT48F NY0

UUD1.U30 UUD3 U30



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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	Rated	A	10.10	19.50
	Heating	Rated	A	10.70	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	-	- / -	- / -
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	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	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	m³/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
List Price - Indoor Unit			£	£1,107.00	£1,267.00
OUTDOOR - SINGLE PHASE				UUD1 U30	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	A	40	
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0	
List Price - Outdoor Unit			£	£1,967.00	
OUTDOOR - THREE PHASE				UUD3 U30	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	A	20	
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5	
List Price - Outdoor Unit			£	£2,247.00	
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		-	R32	
	GWP (Global Warming Potential)		-	675	
	Precharged Amount		kg	3.0	
	t-CO ₂ eq		-	2.025	
	Additional Charge (After 7.5m)		g/m	40	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5 / 85	
Piping Elevation	IDU - ODU	Max.	m	30	
List Price - Single Phase System Price			£	£3,074.00	£3,234.00
List Price - Three Phase System Price			£	£3,354.00	£3,514.00

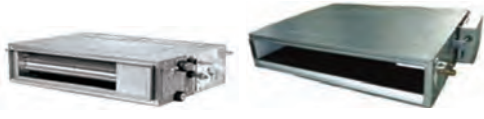
CEILING CONCEALED DUCT

LOW STATIC PRESSURE
- CL09F / CL12F / CL18F / CL24F

UUA1 ULO

UUB1 U20

UUC1 U40



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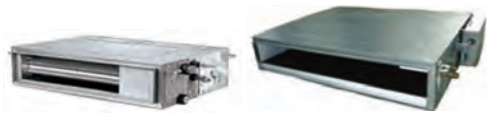
					Only 460mm deep			
COMBINATION					9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW		1.5 / 2.5 / 3.2	1.5 / 3.4 / 4.7	2.0 / 5.0 / 5.8	2.7 / 6.8 / 7.8
	Heating	Min. / Rated / Max.	kW		1.8 / 3.2 / 4.0	1.8 / 4.0 / 4.9	2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0
Power Input (Set)	Cooling	Min. / Rated / Max.	kW		0.30 / 0.67 / 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 / 0.75 / 1.63	0.33 / 1.08 / 1.63	0.4 / 1.77 / 2.48	0.4 / 2.13 / 3.30
Running Current	Cooling	Rated	A		3.0	4.7	7.5	9.0
	Heating	Rated	A		3.3	4.8	8.3	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		mm (inch)		Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)		Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Connections Method		-		Flared	Flared	Flared	Flared
Operation (Outdoor)	Range	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	m³/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
List Price - Indoor Unit			£		£385.00	£410.00	£446.00	£521.00
OUTDOOR					UUA1 ULO	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 mm³		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	
	Type		-		R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-		675	675	675	
	Precharged Amount		kg		1.0	1.2	1.9	
	t-CO ₂ eq		-		0.675	0.81	1.283	
	Additional Charge (After 7.5m)		g/m		20	20	40	
Fan	Air Flow Rate	Rated	m³/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	
List Price - Outdoor Unit			£		£816.00	£816.00	£1,046.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£		£1,201.00	£1,226.00	£1,492.00	£1,876.00

COMPACT CEILING CONCEALED DUCT

LOW STATIC PRESSURE
- CL18F / CL24F

UUA1 ULO

UUB1 U20



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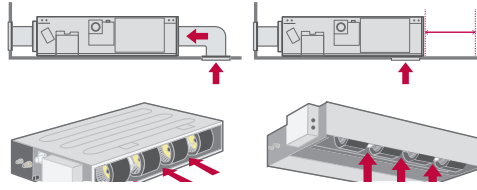
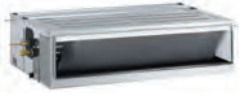


COMBINATION					18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 4.7 / 5.1	2.7 / 6.8 / 7.5	
	Heating	Min. / Rated / Max.	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6	
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.34 / 1.62 / 1.99	0.40 / 2.12 / 2.54	
	Heating	Min. / Rated / Max.	kW	0.30 / 1.53 / 1.99	0.50 / 2.41 / 3.13	
Running Current	Cooling	Rated	A	7.2	9.3	
	Heating	Rated	A	6.8	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		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	
	Connections Method		-	Flared	Flared	
Operation (Outdoor)	Range	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	m³/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	
List Price - Indoor Unit			£	£446.00	£521.00	
OUTDOOR					UUA1 ULO	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 mm³	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	
	Type		-	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.0	1.2	
	t-CO ₂ eq		-	0.675	0.81	
	Additional Charge (After 7.5m)		g/m	20	40	
Fan	Air Flow Rate	Rated	m³/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	
List Price - Outdoor Unit			£	£816.00	£1,046.00	
List Price - Indoor + Outdoor Unit Price			£	£1,262.00	£1,567.00	

CEILING CONCEALED DUCT

MID STATIC PRESSURE
- CM18F / CM24F / UM30F

ADD THE PRICE OF THE CONTROLLER TO YOUR ORDER



UUB1 U20

UUC1 U40



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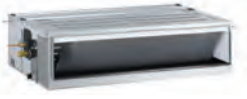
COMBINATION					18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW		2.0 / 5.0 / 5.8	2.7 / 6.8 / 8.0	3.1 / 7.8 / 9.0
	Heating	Min. / Rated / Max.	kW		2.3 / 5.8 / 6.7	3.0 / 7.5 / 9.0	3.6 / 9.0 / 10.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW		0.30 / 1.33 / 1.86	0.40 / 1.95 / 2.69	0.40 / 2.23 / 3.03
	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	Rated	A		7.4	8.7	9.9
	Heating	Rated	A		8.3	10.1	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		mm (inch)		Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)		Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-		Flared	Flared	Flared
Operation (Outdoor)	Range	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	m³/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 (Natural Drainage)	O.D. / I.D.	mm		Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4
	Drain (Using Drain Pump)	O.D. / I.D.	mm		Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
List Price - Indoor Unit			£		£565.00	£635.00	£709.00
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 mm³		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	
	Type		-		R32	R32	
Refrigerant	GWP (Global Warming Potential)		-		675	675	
	Precharged Amount		kg		1.2	1.9	
	t-CO ₂ eq		-		0.81	1.283	
	Additional Charge (After 7.5m)		g/m		20	40	
Fan	Air Flow Rate	Rated	m³/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	
List Price - Outdoor Unit			£		£1,046.00	£1,355.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£		£1,611.00	£1,990.00	£2,064.00

CEILING CONCEALED DUCT

MID STATIC PRESSURE

- UM36F / UM42F / UM48F / UM60F

UUD1.U30 UUD3.U30



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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	Rated	A	11.1	15.3	19.0	21.6	
	Heating	Rated	A	12.6	16.4	18.4	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		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	
	Connections Method		-	Flared	Flared	Flared	Flared	
Operation (Outdoor)	Range	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	m³/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 (Natural Drainage)	O.D. / I.D.	mm	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	
	Drain (Using Drain Pump)	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	
List Price - Indoor Unit			£	£759.00	£778.00	£938.00	£1,164.00	
OUTDOOR - SINGLE PHASE					UUD1.U30			
Power Supply			Ø / V / Hz	1 / 220-240 / 50				
Circuit Breaker		Min.	A	40				
Power Supply Cable (Included Earth)			No x mm³	3C x 6.0				
List Price - Outdoor Unit			£	£1,967.00				
OUTDOOR - THREE PHASE					UUD3.U30			
Power Supply			Ø / V / Hz	3 / 380-415 / 50				
Circuit Breaker		Min.	A	20				
Power Supply Cable (Included Earth)			No x mm³	5C x 2.5				
List Price - Outdoor Unit			£	£2,247.00				
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		-	R32				
	GWP (Global Warming Potential)		-	675				
	Precharged Amount		kg	3.0				
	t-CO ₂ eq		-	2.025				
	Additional Charge (After 7.5m)		g/m	40				
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2				
Total Piping Length		Min. / Max.	m	5 / 85				
Piping Elevation	IDU - ODU	Max.	m	30				
List Price - Single Phase Outdoor + Indoor Unit Price			£	£2,726.00	£2,745.00	£2,905.00	£3,131.00	
List Price - Three Phase Outdoor + Indoor Unit Price			£	£3,006.00	£3,025.00	£3,185.00	£3,411.00	

COMPACT CEILING CONCEALED DUCT

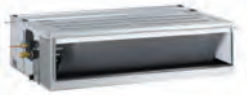
MID STATIC PRESSURE

- CM18F / CM24F / UM30F / UM36F

UUA1 ULO

UUB1 U20

UUC1 U40



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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 / 1.58 / 1.77	0.40 / 2.17 / 2.82	0.50 / 2.25 / 2.93	0.60 / 3.03 / 3.48
Running Current	Cooling	Rated	A		7.4	10.3	11.0	14.0
	Heating	Rated	A		7.0	9.7	9.7	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		mm (inch)		Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)		Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Connections Method		-		Flared	Flared	Flared	Flared
Operation (Outdoor)	Range	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	m³/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 (Natural Drainage)	O.D. / I.D.	mm		Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4	Ø25.4 / 19.4
	Drain (Using Drain Pump)	O.D. / I.D.	mm		Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
List Price - Indoor Unit			£		£565.00	£635.00	£709.00	£759.00
OUTDOOR					UUA1 ULO	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 mm³		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	
	Type		-		R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-		675	675	675	
	Precharged Amount		kg		1	1.2	1.9	
	t-CO ₂ eq		-		0.675	0.81	1.283	
	Additional Charge (After 7.5m)		g/m		20	40	40	
Fan	Air Flow Rate	Rated	m³/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	
List Price - Outdoor Unit			£		£816.00	£1,046.00	£1,046.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£		£1,381.00	£1,681.00	£1,755.00	£2,114.00

CEILING SUSPENDED

UV18F / UV24F / UV30F

UUB1 U20

UUC1 U40



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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	Rated	A	7.5	8.8	10.0
	Heating	Rated	A	8.3	9.8	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		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	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 (Natural Drainage)	O.D. / I.D.	mm	Ø25.0 / 20.5	Ø25.0 / 20.5	Ø25.0 / 20.5
	Drain (Using Drain Pump)	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
List Price - Indoor Unit			£	£582.00	£678.00	£728.00
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	
	Type		-	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.2	1.9	
	t-CO ₂ eq		-	0.81	1.283	
	Additional Charge (After 7.5m)		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	
List Price - Outdoor Unit			£	£1,046.00	£1,355.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£	£1,628.00	£2,033.00	£2,083.00

CEILING SUSPENDED

UV36F / UV42F / UV48F / UV60F



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UUD1 U30



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	Rated	A	11.7	17.0	19.7	23.6
	Heating	Rated	A	11.4	16.5	20.6	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		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	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 (Natural Drainage)	O.D. / I.D.	mm	Ø25.0 / 20.5	Ø25.0 / 20.5	Ø25.0 / 20.5	Ø25.0 / 20.5
	Drain (Using Drain Pump)	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
List Price - Indoor Unit			£	£762.00	£784.00	£958.00	£1,362.00
OUTDOOR - SINGLE PHASE				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			
List Price - Outdoor Unit			£	£1,967.00			
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			
List Price - Outdoor Unit			£	£2,247.00			
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		-	R32			
	GWP (Global Warming Potential)		-	675			
	Precharged Amount		kg	3.0			
	t-CO ₂ eq		-	2.025			
	Additional Charge (After 7.5m)		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			
List Price - Single Phase System Price			£	£2,729.00	£2,751.00	£2,925.00	£3,329.00
List Price - Three Phase System Price			£	£3,009.00	£3,031.00	£3,205.00	£3,609.00

COMPACT CEILING SUSPENDED

UV18F / UV24F / UV30F / UV36F

UUA1 ULO

UUB1 U20

UUC1 U40



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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 / 1.62 / 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	Rated	A	7.2	9.0	10.6	14.6
	Heating	Rated	A	6.4	9.7	10.8	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		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	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 (Natural Drainage)	O.D. / I.D.	mm	Ø25.0 / 20.5	Ø25.0 / 20.5	Ø25.0 / 20.5	Ø25.0 / 20.5
	Drain (Using Drain Pump)	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
List Price - Indoor Unit			£	£582.00	£678.00	£728.00	£762.00
OUTDOOR				UUA1 ULO	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	
			-	R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	675	
	Precharged Amount		kg	1.0	1.2	1.9	
	t-CO ₂ eq		-	0.675	0.81	1.283	
	Additional Charge (After 7.5m)		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	
List Price - Outdoor Unit			£	£816.00	£1,046.00	£1,046.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£	£1,398.00	£1,724.00	£1,774.00	£2,117.00

Note :

- Due to our policy of innovation some specifications may be changed without notification.
- 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.
- 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.
- This product contains fluorinated greenhouse gases. (R32)

CONSOLE

UQ09F / UQ12F / UQ18F



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UUA1 ULO

UUB1 U20



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	Rated	A	2.9	4.4	8.3
	Heating	Rated	A	3.3	4.7	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		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)
	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 NAO	UQ12F NAO	UQ18F NAO
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
List Price - Indoor Unit			£	£416.00	£433.00	£500.00
OUTDOOR				UUA1 ULO	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	
	Type		-	R32	R32	
	GWP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.0	1.2	
	t-CO ₂ eq		-	0.675	0.81	
Fan	Additional Charge (After 7.5m)		g/m	20	20	
	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	
List Price - Outdoor Unit			£	£816.00	£1,046.00	
List Price - Indoor + Outdoor Unit Price			£	£1,232.00	£1,249.00	£1,546.00

Note :

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

WALL MOUNTED

MJ09PC / MJ12PC / MJ18PC / MJ24PC

UUA1 ULO



COMBINATION				9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW	1.50 / 2.50 / 3.20	1.50 / 3.50 / 4.00	2.00 / 5.00 / 7.00	2.70 / 6.80 / 7.70
	Heating	Min. / Rated / Max.	kW	1.80 / 3.20 / 3.70	1.80 / 4.00 / 4.40	2.30 / 5.80 / 6.10	3.00 / 6.90 / 7.24
Power Input	Cooling	Min. / Rated / Max.	kW	0.30 / 0.58 / 0.84	0.33 / 0.97 / 1.48	0.30 / 1.39 / 2.63	0.40 / 2.00 / 2.57
	Heating	Min. / Rated / Max.	kW	0.30 / 0.71 / 0.85	0.33 / 1.00 / 1.48	0.30 / 1.71 / 1.96	0.40 / 2.33 / 2.50
Running Current	Cooling	Rated	A	2.60	4.40	6.30	9.10
	Heating	Rated	A	3.20	4.50	7.70	10.60
EER / COP			kWh / kWh	4.30 / 4.50	3.60 / 4.00	3.61 / 3.40	3.40 / 3.00
SEER / SCOP			kWh / kWh	7.00 / 4.00	6.60 / 4.00	6.80 / 4.00	6.70 / 3.90
P Design	Cooling @ 35°C		kW	2.5	3.5	5.0	6.8
	Heating @ -10°C		kW	2.8	2.8	4.1	5.0
Seasonal Energy Label		Cooling / Heating	-	A++ / A+	A++ / A+	A++ / A+	A++ / A
Annual Energy Consumption		Cooling / Heating	kWh	125 / 980	186 / 980	257 / 1,365	355 / 1,795
Dehumidification Rate			l/h	1.90	1.90	3.35	3.50
ODU Sound Pressure Level	Cooling	Rated	dB(A)	49	49	47	48
	Heating	Rated	dB(A)	52	52	52	52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65
	Heating	Rated	dB(A)	-	-	-	-
Piping Connections	Liquid	Outer Dia.	mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
	Connections Method			Flare	Flare	Flare	Flare
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				MJ09PC NSJ	MJ12PC NSJ	MJ18PC NSK	MJ24PC NSK
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input		Min. / Nom. / Max.	W	11 / 18 / 30	11 / 19 / 30	26 / 39 / 60	27 / 45 / 60
Air Flow Rate		H / M / L	m³/min	7.6 / 6.2 / 4.8	8.0 / 6.6 / 5.5	15.8 / 12.4 / 10.0	16.9 / 12.8 / 10.4
Dimensions	Body	W x H x D	mm	818 x 316 x 189	818 x 316 x 189	975 x 354 x 209	975 x 354 x 209
	Weight		kg (lbs)	8.2 (18.1)	8.2 (18.1)	10.9 (24.0)	11.5 (25.4)
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29	44 / 38 / 34	46 / 41 / 36
	Sound Power Level	Max.	dB(A)	56	56	59	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0	Ø 21.5 / 16.0
List Price - Indoor Unit			£	£279.00	£337.00	£492.00	£601.00
OUTDOOR				UUA1 ULO	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 mm²	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	
	Type		-	R32	R32	R32	
Refrigerant	GWP (Global Warming Potential)		-	675	675	675	
	Precharged Amount		kg	1.0	1.2	1.9	
	t-CO ₂ eq.		-	0.675	0.810	1.283	
	Control		-	EEV	EEV	EEV	
	Additional Charging Volume		g/m	20	20	40	
Total Piping Length		Min. / Max.	m	5.0 / 30.0	5.0 / 35.0	5.0 / 50.0	
Piping Elevation	IDU-ODU	Max.	m	30	30	30	
List Price - Outdoor Unit			£	£816.00	£1,046.00	£1,355.00	
List Price - Indoor + Outdoor Unit Price			£	£1,095.00	£1,153.00	£1,956.00	

WALL MOUNTED

US30F / US36F



UUC1 U40

UUD1 U30

UUD3 U30



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COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling	Rated	A	10.1	11.4	4.1
	Heating	Rated	A	11.1	12.2	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		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	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 NRO	US36F NRO	US36F NRO
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	m ³ /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
List Price - Indoor Unit			£	£642.00	£706.00	£706.00
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 ³	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		-	R32	R32	R32
	GWP (Global Warming Potential)		-	675	675	675
	Precharged Amount		kg	1.9	3.0	3.0
	t-CO ₂ eq		-	1.283	2.025	2.025
	Additional Charge (After 7.5m)		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
List Price - Outdoor Unit			£	£1,355.00	£1,967.00	£2,247.00
List Price - Indoor + Outdoor Unit Price			£	£1,997.00	£2,673.00	£2,953.00

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

COMPACT WALL MOUNTED

US30F / US36F



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UUB1 U20

UUC1 U40



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	Rated	A	10.1	13.6
	Heating	Rated	A	9.3	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		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	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 NRO	US36F NRO
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	m ³ /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
List Price - Indoor Unit			£	£642.00	£706.00
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		-	R32	R32
	GWP (Global Warming Potential)		-	675	675
	Precharged Amount		kg	1.2	1.9
	t-CO ₂ eq		-	0.81	1.283
	Additional Charge (After 7.5m)		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
List Price - Outdoor Unit			£	£1,046.00	£1,355.00
List Price - Indoor + Outdoor Unit Price			£	£1,688.00	£2,061.00

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

CEILING CONCEALED DUCT

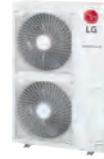
HIGH STATIC PRESSURE

- UB70 / UB85



UU70W

UU85W



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INDOOR				UB70 N94	UB85 N94
Capacity	Cooling	Min. / Nom. / Max.	kW	7.6 / 19.0 / 20.9	9.2 / 23.0 / 25.3
	Heating	Min. / Nom. / Max.	kW	9.0 / 22.4 / 24.6	10.8 / 27.0 / 29.7
Low Temperature Capacity	Heating -7°C	Max.	kW	18.0	24.0
Power Input (Set)	Cooling	Nom.	kW	6.69	8.19
	Heating	Nom.	kW	6.4	8.31
Power Input (Indoor)		Min. / Max. (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		mm (inch)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas		mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)
	Drain	O.D. / I.D.	mm	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	70.0 / 65.0 / 60.0	80.0 / 72.0 / 64.0
Sound Pressure	Cooling	High / Medium / Low	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)
List Price - Indoor Unit			£	£2,004.00	£2,210.00
OUTDOOR				UU70W U34	UU85W U74
Compressor	Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Airflow Rate		Nom.	m³/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
	TCO2eq		-	10.9	11.5
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-20 / 48	-20 / 48
	Heating	Min. / Max.	°C WVB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	3 / 380-415 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	5C x 2.5	5C x 2.5
Transmission Cable			No. x mm²	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		mm (inch)	Ø9.53 (3/8)	Ø12.7 (1.2)
	Gas		mm (inch)	Ø25.4 (1/1)	Ø22.2 (7/8)
List Price - Outdoor Unit			£	£3,108.00	£3,452.00
List Price - Indoor + Outdoor Unit Price			£	£5,112.00	£5,662.00

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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- 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.
- This product contains fluorinated greenhouse gases. (R410A)

FLOOR STANDING

UP48



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UU48W U32

UU49W U32



INDOOR				UP48 NT2	
Capacity	Cooling	Min. / Nom. / Max.	kW	6.0 / 13.4 / 15.2	
	Heating	Min. / Nom. / Max.	kW	6.0 / 15.5 / 17.1	
Low Temperature Capacity	Heating -7°C	Max.	kW	16.0	
	Cooling	Nom.	kW	4.2	
Power Input (Set)	Heating	Nom.	kW	4.5	
		Nom.	W	200	
Running Current	Cooling / Heating	Nom.	A	18.1 / 19.5	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
EER				3.21	
COP				3.41	
SEER				5.05	
SCOP				3.51	
Pdesign (@ -10°C)			kW	11.5	
Seasonal Energy Label	Cooling / Heating			-	
Annual Energy Consumption	Cooling / Heating		kWh	-	
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	
	Gas		mm (inch)	Ø15.88 (5/8)	
	Drain	O.D. / I.D.	mm	32 / 25	
Air Flow Rate		High / Medium / Low	m³/min	31 / 27 / 23	
Sound Pressure	Cooling	High / Medium / Low	dB(A)	52 / 49 / 45	
Sound Power	Cooling	Max.	dB(A)	65	
Dehumidification Rate			l/h	5.0	
Dimensions	Body	W x H x D	mm	590 x 1,840 x 460	
Net Weight	Body		kg	50.0	

List Price - Indoor Unit

£

£1,331.00

OUTDOOR				UU48W U32	UU49W U32
Compressor	Type			Twin Rotary	Twin Rotary
Airflow Rate		Nom	m³/min	110	110
Sound Pressure	Cooling	Nom	dB(A)	52	52
	Heating	Nom	dB(A)	54	54
Sound Power	Cooling	Max	dB(A)	72	68
Dimensions	W x H x D		mm	950 x 1,380 x 330	950 x 1,380 x 330
Net Weight			kg	92.0	96.0
Refrigerant	Type		-	R410A	R410A
	Charge		g	3,400	3,400
	Additional Charge		g/m	40	40
	GWP		-	2087.5	2087.5
	TCO ₂ eq		-	7.1	7.1
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	3 / 380-415 / 50
Power Supply Cable			No. x mm²	3C x 5.0	5C x 5.0
Transmission Cable			No. x mm²	4C x 0.75	4C x 0.75
Circuit Breaker			A	40	20
Piping Length Total		Min. / Max.	m	5 / 75	5 / 75
Piping Elevation Difference	IDU - ODU	Max.	m	30	30
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)

List Price - Outdoor Unit

£

£2,160.00

£2,225.00

List Price - Indoor + Outdoor Unit Price

£

£3,491.00









£3,556.00








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 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - Interconnected Pipe is standard length and difference of Elevation (Outdoor - Indoor Unit) is 0m.
- 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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INDOOR UNITS LINE-UP

● Multi Only ○● Compatible with Residential Single Split ○□ Compatible with Commercial Single 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	ARTCOOL Gallery	 R32		MA09R NF1	MA12R NF1				
	ARTCOOL Mirror	 NEW UVnano [®] Wi-Fi R32	AM07BK NSJ	AC09BK NSJ	AC12BK NSJ		AC18BK NSK	AC24BK NSK	
	Deluxe	 Wi-Fi R32	DM07RK NSJ	DC09RK NSJ	DC12RK NSJ		DC18RK NSK	DC24RK NSK	
	Standard Plus	 NEW UVnano [®] Wi-Fi R32	PM05SK NSA	PM07SK NSA	PC09SK NSJ	PC12SK NSJ	PM15SK NSJ	PC18SK NSK	PC24SK NSK
	Standard Specialty	 NEW Wi-Fi R32	MJ05PC NSJ	MJ07PC NSJ	MJ09PC NSJ	MJ12PC NSJ	MJ15PC NSJ	MJ18PC NSK	MJ24PC NSK
	Standard 2	 Wi-Fi R32		MS07ET NSA	S09ET NSJ	S12ET NSJ		S18ET NSK	S24ET NSK
Ceiling Mounted Cassette	1 Way Cassette	 R32		MT09R NU1	MT11R NU1				
	4 Way Cassette	 R32	MT06R NRO	MT08R NRO	CT09F NRO	CT12F NRO	CT18F NQ0	CT24F NBO	
Ceiling Concealed Duct	Mid / High Static Pressure	 R32					CM18F N10	CM24F N10	
	Low Static Pressure	 R32			CL09F N50	CL12F N50	CL18F N60		
		 R32						CL24F N30	
Console	R410a			CQ09 NAO	CQ12 NAO		CQ18 NAO		

kBtu/h	14	16	18	21	24	27	30
kW	4.1	4.7	5.3	6.2	7.0	7.9	8.8
Multi 	 MU2R15 ULO 2-port	 MU2R17 ULO 2-port	 MU3R19 U21 3-port	 MU3R21 U21 3-port	 MU4R25 U21 4-port	 MU4R27 U40 4-port	 MU5R30 U40 5-port

All indoor units are compatible with R410A outdoor units.

kBtu/h	40	48	56
kW	11.7	14.1	16.4
Multi Piping	 MU5M40 U44 5-port		
Multi Distribution Box	 FM40AH U34 / FM41AH U34 7-IDU	 FM48AH U34 / FM49AH U34 8-IDU	 FM56AH U34 / FM57AH U34 9-IDU

Combination & Flexibility

Refrigerant	Connectable Indoor Units	Wall Type																			
		ARTCOOL Gallery		ARTCOOL Mirror				DELUXE				Standard Plus									
		9	12	7	9	12	18	24	7	9	12	18	24	5	7	9	12	15	18	24	
R32	MU2R15 ULO	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐				
	MU2R17 ULO	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐				
	MU3R19 U21	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐	☐	☐	
	MU3R21 U21	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐	☐	☐	
	MU4R25 U21	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	MU4R27 U40	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
R410a	MU5R30 U40	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	MU5M40 U44	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	FM40AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	FM41AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	FM48AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	FM49AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
R410a	FM56AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	FM57AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Refrigerant	Connectable Indoor Units	Ceiling Mounted Cassette								Ceiling Concealed Duct				Console							
		1 Way Cassette		4 Way Cassette				Mid / High Static Pressure		Low Static Pressure											
		9	12	5	7	9	12	18	24	18	24	9	12	18	24	9	12	18			
R32	MU2R15 ULO	☐	☐	☐	☐	☐	☐							☐	☐						
	MU2R17 ULO	☐	☐	☐	☐	☐	☐							☐	☐						
	MU3R19 U21	☐	☐	☐	☐	☐	☐	☐						☐	☐	☐					
	MU3R21 U21	☐	☐	☐	☐	☐	☐	☐						☐	☐	☐					
	MU4R25 U21	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐			
	MU4R27 U40	☐	☐	☐	☐	☐	☐	☐	☐	☐				☐	☐	☐	☐	☐	☐	☐	☐
R410a	MU5R30 U40	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	MU5M40 U44	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	FM40AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	FM41AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	FM48AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	FM49AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
R410a	FM56AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐
	FM57AH U34	☐	☐	☐	☐	☐	☐	☐	☐					☐	☐	☐	☐	☐	☐	☐	☐

OUTDOOR UNITS



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OUTDOOR UNITS				MU2R15 ULO	MU2R17 ULO
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 / 5.3 / 5.7
Low Temperature Capacity	Heating -7°C	Max.	kW	3.3	3.7
Power Input*	Cooling	Min. / Nom. / Max.	kW	0.2 / 1.0 / 1.4	0.2 / 1.3 / 1.7
	Heating	Min. / Nom. / Max.	kW	0.2 / 1.1 / 1.4	0.2 / 1.3 / 1.6
Running Current	Cooling	Min. / Nom. / Max.	A	1.1 / 4.6 / 6.4	1.1 / 5.6 / 7.9
	Heating	Min. / Nom. / Max.	A	1.1 / 4.9 / 6.6	1.1 / 5.5 / 7.6
EER				4.14	3.75
COP				4.38	4.22
SEER				8.50	7.80
SCOP				4.20	4.20
Pdesign (@-10°C)			kW	4.10	4.10
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			169 / 1,367	210 / 1,367
Airflow Rate	Nom.		m ³ /min	28.2	28.2
Sound Pressure	Cooling	Nom.	dB(A)	48	48
	Heating	Nom.	dB(A)	51	51
Sound Power	Cooling	Max.	dB(A)	61	63
Dimensions	W x H x D		mm	770 x 545 x 288	770 x 545 x 288
Net Weight			Kg	36	36
Refrigerant	Type			R32	R32
	Charge		Kg	1.1	1.1
	Additional Charge		g/m	20	20
	GWP			675	675
	t-CO ₂ eq			0.743	0.743
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75
Circuit Breaker			A	15	15
Piping Length Total			m	30	30
Piping Length per Branch		Max.	m	20	20
Piping Elevation Difference	IDU - ODU	Max.	m	15	15
	IDU - IDU	Max.	m	7.5	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 2	Ø6.35 (1/4) x 2
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 2	Ø9.52 (3/8) x 2
List Price - Outdoor Unit			£	£1,072.00	£1,131.00

Notes:

- 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.
- *: See page "Combination Table".
- Due to our policy of innovation some specifications may be changed without notification.
- At least two indoor units should be connected.
- Minimum combination ratio should be more than 40%.
- This product contains fluorinated greenhouse gases (R32)

OUTDOOR UNITS



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OUTDOOR UNITS				MU3R19 U21	MU3R21 U21	MU4R25 U21
Compressor	Type			Twin Rotary	Twin Rotary	Twin Rotary
Capacity*	Cooling	Min. / Nom. / Max.	kW	1.1 / 5.3 / 6.3	1.1 / 6.2 / 7.3	1.1 / 7.0 / 8.5
	Heating	Min. / Nom. / Max.	kW	1.2 / 6.3 / 7.3	1.2 / 7.0 / 7.8	1.2 / 8.1 / 9.1
Low Temperature Capacity	Heating -7°C	Max.	kW	5.2	5.5	5.9
Power Input*	Cooling	Min. / Nom. / Max.	kW	0.3 / 1.1 / 2.0	0.3 / 1.4 / 2.5	0.3 / 1.8 / 2.8
	Heating	Min. / Nom. / Max.	kW	0.3 / 1.3 / 2.0	0.3 / 1.5 / 2.4	0.3 / 1.8 / 2.9
Running Current	Cooling	Min. / Nom. / Max.	A	1.3 / 5.0 / 9.2	1.3 / 6.5 / 11.1	1.3 / 8.0 / 12.6
	Heating	Min. / Nom. / Max.	A	1.3 / 5.7 / 9.2	1.3 / 6.9 / 10.8	1.3 / 8.3 / 12.9
EER				4.75	4.28	4.00
COP				5.00	4.60	4.40
SEER				8.50	8.50	8.00
SCOP				4.40	4.40	4.40
Pdesign (@-10°C)			kW	5.20	5.20	5.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A+++ / A+	A+++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			217 / 1,655	253 / 1,655	308 / 1,718
Airflow Rate	Nom.		m ³ /min	50	50	50
Sound Pressure	Cooling	Nom.	dB(A)	48	49	50
	Heating	Nom.	dB(A)	53	54	54
Sound Power	Cooling	Max.	dB(A)	63	64	66
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	46	46	46.2
Refrigerant	Type			R32	R32	R32
	Charge		Kg	1.4	1.4	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	-18 / 18	-18 / 18	-18 / 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No. x mm ²	4C x 0.75	4C x 0.75	4C x 0.75
Circuit Breaker			A	20	20	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
List Price - Outdoor Unit			£	£1,188.00	£1,312.00	£1,676.00

Notes:

- 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.
- * : See page "Combination Table".
- Due to our policy of innovation some specifications may be changed without notification.
- At least two indoor units should be connected
- Minimum combination ratio should be more than 40%.
- This product contains fluorinated greenhouse gases (R32)

OUTDOOR UNITS



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OUTDOOR UNITS				MU4R27 U40	MU5R30 U40
Compressor	Type			Twin Rotary	Twin Rotary
Capacity*	Cooling	Min. / Nom. / Max.	kW	1.3 / 7.9 / 9.5	1.3 / 8.8 / 10.6
	Heating	Min. / Nom. / Max.	kW	1.5 / 9.1 / 10.6	1.5 / 10.1 / 12.1
Low Temperature Capacity	Heating -7°C	Max.	kW	6.4	7.1
Power Input*	Cooling	Min. / Nom. / Max.	kW	0.4 / 1.8 / 2.9	0.4 / 2.0 / 3.4
	Heating	Min. / Nom. / Max.	kW	0.6 / 2.1 / 3.4	0.6 / 2.2 / 3.6
Running Current	Cooling	Min. / Nom. / Max.	A	1.9 / 8.1 / 13.1	1.9 / 9.1 / 15.2
	Heating	Min. / Nom. / Max.	A	2.8 / 9.4 / 15.3	2.8 / 9.7 / 16.3
EER				4.39	4.40
COP				4.39	4.70
SEER				8.00	8.20
SCOP				4.20	4.20
Pdesign (@-10°C)	kW			7.00	7.40
Seasonal Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating			346 / 2,333	376 / 2,467
Airflow Rate	Nom.		m ³ /min	60	60
Sound Pressure	Cooling	Nom.	dB(A)	50	50
	Heating	Nom.	dB(A)	54	54
Sound Power	Cooling	Max.	dB(A)	65	66
Dimensions	W x H x D		mm	950 x 834 x 330	950 x 834 x 330
Net Weight	Kg			61	61
Refrigerant	Type			R32	R32
	Charge		Kg	2.3	2.6
	Additional Charge		g/m	20	20
	GWP			675	675
	t-CO ₂ eq			1.553	1.755
Operation Range (Outdoor)	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48
	Heating	Min. / Max.	°C WB	-18 / 18	-18 / 18
Power Supply	Ø / V / Hz			1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable	No. x mm ²			3C x 2.5	3C x 2.5
Transmission Cable	No. x mm ²			4C x 0.75	4C x 0.75
Circuit Breaker	A			25	25
Piping Length Total	m			70	75
Piping Length per Branch	Max.		m	25	25
Piping Elevation Difference	IDU - ODU	Max.	m	15	15
	IDU - IDU	Max.	m	7.5	7.5
Piping Connection	Liquid	mm (inch) x No.		Ø6.35 (1/4) x 4	Ø6.35 (1/4) x 5
	Gas	mm (inch) x No.		Ø9.52 (3/8) x 4	Ø9.52 (3/8) x 5
List Price - Outdoor Unit	£			£1,831.00	£1,992.00

Notes :

- 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.
- * : See page "Combination Table".
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- Minimum combination ratio should be more than 40%.
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ARTCOOL GALLERY



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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			∅ / 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
List Price - Indoor Unit			£	£434.00	£517.00

ARTCOOL MIRROR



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INDOOR				AM07BK NSJ	AC09BK NSJ	AC12BK NSJ	AC18BK NSK	AC24BK NSK
Capacity	Cooling	Rated	W	2,100	2,500	3,500	5,000	6,600
	Heating	Rated	W	2,300	3,200	3,800	5,800	7,500
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 26 / 32 / 36	19 / 26 / 33 / 38	19 / 26 / 35 / 39	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	26 / 32 / 36	26 / 33 / 38	26 / 35 / 39	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	57	57	57	59	65
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	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
		Max. (Power)	m ³ /min	11.1	11.1	11.1	16.8	18.3
	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	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	0.9	1.1	1.2	1.9	2.6
Power Supply			∅ / 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	837 x 308 x 192	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Net Weight			kg	9.1	9.9	9.9		
List Price - Indoor Unit			£	£418.00	£439.00	£524.00	£719.00	£767.00

☐ 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.

DELUXE



UVnano™



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Single 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	m ³ /min	3.0 / 5.0 / 6.1 / 7.4	3.5 / 5.0 / 6.4 / 7.7	3.5 / 5.3 / 6.7 / 8.1
		Max. (Power)	m ³ /min	10.1	10.1	10.1
	Heating	L / M / H	m ³ /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			∅ / 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 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	8.3	9.1	9.1
List Price - Indoor Unit			£	£295.00	£307.00	£344.00

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	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			∅ / 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
List Price - Indoor Unit			£	£479.00	£600.00

☐ 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.

STANDARD PLUS



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INDOOR				PM05SK NSA	PM07SK NSA	PC09SK NSJ	PC12SK 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			∅ / 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
List Price - Indoor Unit			£	£216.00	£227.00	£254.00	£277.00	£301.00

INDOOR				PC18SK NSK	PC24SK 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			∅ / 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
List Price - Indoor Unit			£	£367.00	£491.00

Single Combination - silver strip

INDOOR				MJ09PC NSJ	MJ12PC NSJ	MJ15PC NSJ	MJ18PC NSK	MJ24PC NSK
Capacity	Cooling	Rated	W	2,500	3,500	4,200	5,000	6,600
	Heating	Rated	W	3,200	3,800	5,400	5,800	7,500
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 32 / 36	19 / 29 / 34 / 38	19 / 29 / 35 / 40	31 / 34 / 42 / 47	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 32 / 36	29 / 34 / 38	29 / 35 / 40	34 / 42 / 47	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	57	57	57	59	65
Air Flow Rate	Cooling	S / L / M / H	m ³ /min	3.5 / 5.0 / 6.4 / 7.7	3.5 / 5.3 / 6.7 / 8.1	3.5 / 5.4 / 7.0 / 8.7	8.0 / 10.5 / 13.1 / 15.5	8.0 / 10.5 / 13.1 / 16.1
		Max. (Power)	m ³ /min	10.1	10.1	10.1	16.8	18.3
	Heating	L / M / H	m ³ /min	5.0 / 6.4 / 7.7	5.3 / 6.7 / 8.1	5.4 / 7.0 / 8.7	10.5 / 13.1 / 15.5	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.1	1.2	1.2	1.9	2.6
Power Supply			∅ / 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	837 x 308 x 189	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	8.7	12.0	12.0
List Price - Indoor Unit			£	£279.00	£337.00	£429.00	£492.00	£601.00

⊠ 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.

CEILING MOUNTED CASSETTE (4 WAY)



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

4 Way Cassette

INDOOR				MT06R NRO	MT08R NRO
Capacity	Cooling / Heating	Nom.	kW	1.5 / 1.6	2.1 / 2.3
Power Input		Nom.	W	20	20
Running Current		Nom.	A	0.40	0.40
Power Supply			Ø / V / Hz	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
Sound Pressure	Cooling	H / M / L	dB(A)	31 / 27 / 24	31 / 27 / 24
Sound Power	Cooling	Max.	dB(A)	48	48
Dehumidification Rate			l/h	-	-
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570
Net Weight	Body		kg	11.7	11.7
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
List Price - Indoor Unit			£	£465.00	£489.00
Decoration Panel	Model			PT-QCHW0	PT-QCHW0
	Color			Morning Fog (9001)	Morning Fog (9001)
	Dimensions	W x H x D	mm	620 x 34 x 620	620 x 34 x 620
	Weight		kg	3	3
List Price - Decoration Panel			£	£140.00	£140.00

INDOOR				CT09F NRO	CT12F NRO	CT18F NQ0	CT24F NBO
Capacity	Cooling / Heating	Nom.	kW	2.6 / 2.9	3.5 / 3.9	5.3 / 5.8	6.7 / 7.5
Power Input		Nom.	W	22	24	26	26
Running Current		Nom.	A	0.40	0.40	0.40	0.60
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	8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure	Cooling	H / M / L	dB(A)	36 / 33 / 30	38 / 35 / 32	41 / 39 / 39	38 / 36 / 34
Sound Power	Cooling	Max.	dB(A)	52	52	57	53
Dehumidification Rate			l/h	0.9	1.4	2.0	2.7
Dimensions	Body	W x H x D	mm	570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net Weight	Body		kg	12.4	12.4	13.9	21.1
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	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)	Ø12.7 (1/2)
List Price - Indoor Unit			£	£387.00	£397.00	£461.00	£554.00
Decoration Panel	Model			PT-QAGW0	PT-QAGW0	PT-QAGW0	PT-AAGW0
	Color			White (9003)	White (9003)	White (9003)	White (9003)
	Dimensions	W x H x D	mm	620 x 35 x 620	620 x 35 x 620	620 x 35 x 620	950 x 35 x 950
	Weight		kg	2.9	2.9	2.9	7.1
List Price - Decoration Panel			£	£127.00	£127.00	£127.00	£144.00

☐ Dual vane is applied to 24k

☐ This product contains Fluorinated greenhouse gases (R32).

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

CEILING CONCEALED DUCT



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Duct (Low Static)

INDOOR				CL09F N50	CL12F N50	CL18F N60
Capacity	Cooling / Heating	Nom.	kW	2.5 / 3.2	3.4 / 4.0	5.0 / 5.8
Power Input		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80
Running Current		H / M / L	A	0.21 / 0.16 / 0.14	0.21 / 0.16 / 0.14	0.43 / 0.39 / 0.34
Power Supply			∅ / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	11.5 / 9.5 / 8.0	11.5 / 9.5 / 8.0	15.0 / 12.0 / 10.0
Sound Pressure		H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29
Sound Power Level		Rated	dB(A)	55	55	56
Dehumidification Rate			l/h	0.5	0.9	1.7
Dimensions		W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460
Net Weight			kg	18.0	18.0	20.9
Piping Connections	Liquid Side		mm (inch)	∅ 6.35 (1/4)	∅ 6.35 (1/4)	∅ 6.35 (1/4)
	Gas Side		mm (inch)	∅ 9.52 (3/8)	∅ 9.52 (3/8)	∅ 12.7 (1/2)
External static pressure	Min. ~ Max.		Pa (mmAq)	0 - 5 (0 - 50)	0 - 5 (0 - 50)	0 - 5 (0 - 50)
List Price - Indoor Unit			£	£385.00	£410.00	£446.00

CEILING CONCEALED DUCT



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Duct (Low Static)

INDOOR				CL24F N30
Capacity	Cooling / Heating	Nom.	kW	6.8 / 7.5
Power Input		H / M / L	W	150 / 130 / 110
Running Current		H / M / L	A	0.65 / 0.56 / 0.47
Power Supply			∅ / V / Hz	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	20.0 / 16.0 / 12.0
Sound Pressure		H / M / L	dB(A)	39 / 35 / 32
Sound Power Level		Rated	dB(A)	58
Dehumidification Rate			l/h	2.5
Dimensions		W x H x D	mm	1,100 x 190 x 700
Net Weight			kg	26.0
Piping Connections	Liquid Side		mm (inch)	∅ 9.52 (3/8)
	Gas Side		mm (inch)	∅ 15.88 (5/8)
External static pressure	Min. ~ Max.		Pa (mmAq)	0 - 5 (0 - 50)
List Price - Indoor Unit			£	£521.00

ⓘ This product contains Fluorinated greenhouse gases (R32).

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

OUTDOOR UNITS



OUTDOOR				MU5M40 U44
Compressor	Type			Scroll
Capacity*	Cooling	Min. / Nom. / Max.	kW	1.3 / 11.2 / 14.7
	Heating	Min. / Nom. / Max.	kW	1.5 / 12.5 / 16.0
Low Temperature Capacity	Heating -7°C	Max.	kW	11.0
Power Input*	Cooling	Min. / Nom. / Max.	kW	0.4 / 3.3 / 5.5
	Heating	Min. / Nom. / Max.	kW	0.4 / 3.8 / 5.6
Running Current*	Cooling	Min. / Nom. / Max.	A	1.8 / 14.9 / 24.9
	Heating	Min. / Nom. / Max.	A	1.9 / 17.0 / 25.4
EER				3.40
COP				3.33
SEER				7.10
SCOP				4.00
Pdesign (@-10°C)			kW	8.90
Season Energy Label	Cooling / Heating (A+++ to D Scale)			A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	552 / 3,114
Airflow Rate		Nom.	m³/min	80
Sound Pressure Level	Cooling	Nom.	dB(A)	53
	Heating	Nom.	dB(A)	55
Sound Power Level	Cooling	Max.	dB(A)	67
Dimensions	W x H x D		mm	950 x 834 x 330
Net Weight			kg	73
Refrigerant	Type			R410A
	Charge		kg	3.4
	Additional Charge		g/m	20
	GWP			2087.5
	t-CO ₂ eq			7.098
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 mm²	3C x 4.0
Transmission Cable			No. x mm²	4C x 0.75
Circuit Breaker			A	40
Piping Length Total			m	85
Piping Length per Branch		Max.	m	25
Piping Elevation Difference	IDU - ODU	Max.	m	15
	IDU - IDU	Max.	m	7.5
Piping Connection	Liquid		mm (inch) x No.	Ø6.35 (1/4) x 5
	Gas		mm (inch) x No.	Ø9.52 (3/8) x 5
List Price - Outdoor Unit			£	£2,114.00

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)

OUTDOOR UNITS



OUTDOOR				FM40AH U34	FM48AH U34	FM56AH 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	3.7 / 11.0 / 22.2	4.4 / 14.1 / 24.0	5.3 / 17.5 / 25.4
	Heating	Min. / Nom. / Max.	A	4.0 / 13.0 / 23.1	4.8 / 17.0 / 24.5	5.9 / 19.7 / 26.3
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)				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		4,200	4,200	4,200
	Additional Charging Volume	g/m		20	20	20
	GWP (Global Warming Potential)	-		2,087.5	2,087.5	2,087.5
	t-CO ₂ eq	-		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	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No. x mm ²	3C x 4.0	3C x 4.0	3C x 4.0
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	40	40	40
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 x 1	Ø19.05 x 1	Ø19.05 x 1
List Price - Outdoor Unit			£	£2,920.00	£3,356.00	£3,859.00

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)

OUTDOOR UNITS



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		4,200	4,200	4,200
	Additional Charging Volume	g/m		20	20	20
	GWP (Global Warming Potential)	-		2,087.50	2,087.50	2,087.50
	t-CO ₂ eq	-		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 x 1	Ø19.05 x 1	Ø19.05 x 1
List Price - Outdoor Unit			£	£3,066.00	£3,521.00	£4,053.00

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)

CEILING & FLOOR CONVERTIBLE



Ceiling & Floor Convertible

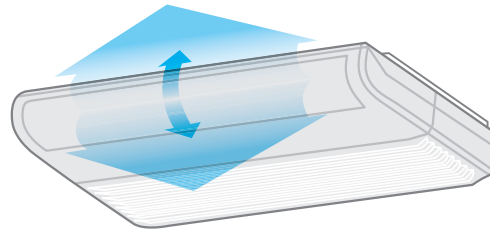
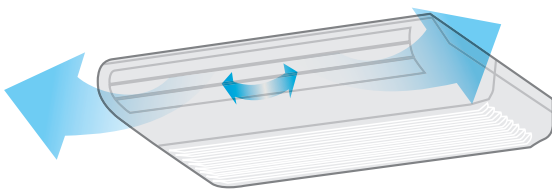
INDOOR				CV09 NE3	CV12 NE2
Capacity	Cooling / Heating	Nom.	kW	2.6 / 2.9	3.5 / 3.9
Power Input		Nom.	W	30	40
Running Current		Nom.	A	0.4	0.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.6
Sound Pressure	Cooling	H / M / L	dB(A)	38 / 35 / 32	40 / 36 / 31
Sound Power	Cooling	Max.	dB(A)	52	56
Dehumidification Rate			l/h	1.2	1.2
Dimensions	Body	W x H x D	mm	900 x 490 x 200	900 x 490 x 200
Net Weight	Body		kg	13.7	13.7
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
List Price - Indoor Unit			£	£405.00	£581.00

Air Flow Direction Control

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

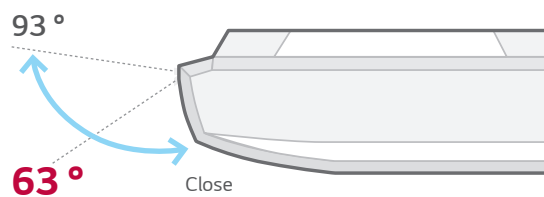
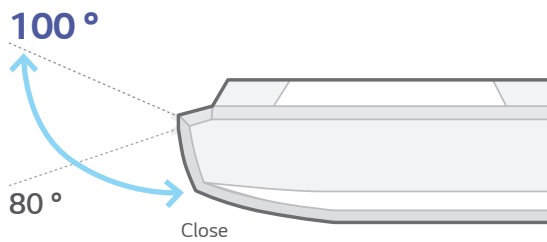
Horizontal

Air flow



Cooling

Heating



MULTI SPLIT SYSTEMS ACCESSORIES

Distributor Box - **PMBD3620, PMBD3630, PMBD3640**

Easy installation using the range of Distributor Boxes.

For	2 Indoors	3 Indoors	4 Indoors
Distributor	 PMBD3620	 PMBD3630	 PMBD3640

Features

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



Specification

BRANCH DISTRIBUTION BOX		PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units Capacity	1 ~ 2 5k / 7k / 9k / 12k / 18k / 24k	1 ~ 3 5k / 7k / 9k / 12k / 18k / 24k	1 ~ 4 5k / 7k / 9k / 12k / 18k / 24k
Power Source	V, Ø, Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Power Consumption	W	10	10	10
Running Current	A	0.05	0.05	0.05
Dimensions	W x H x D mm(inch)	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)	302 x 143 x 252 (11.9 x 5.6 x 9.9)
Net Weight	kg/lb	4.8 / 10.6	4.9 / 10.8	5 / 11
Piping Connection (To Outdoor Unit)	Liquid	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
Piping Connection (To Indoor Unit)	Liquid	Ø6.35 (1/4) x 2EA	Ø6.35 (1/4) x 3EA	Ø6.35 (1/4) x 4EA
	Gas	Ø9.52 (3/8) x 2EA	Ø9.52 (3/8) x 3EA	Ø9.52 (3/8) x 4EA
Accessories	Hanger (Bracket)	EA	4	4
	Screw	EA	8	8
	Manual	EA	1	1
Price List	£	£257.00	£315.00	£414.00

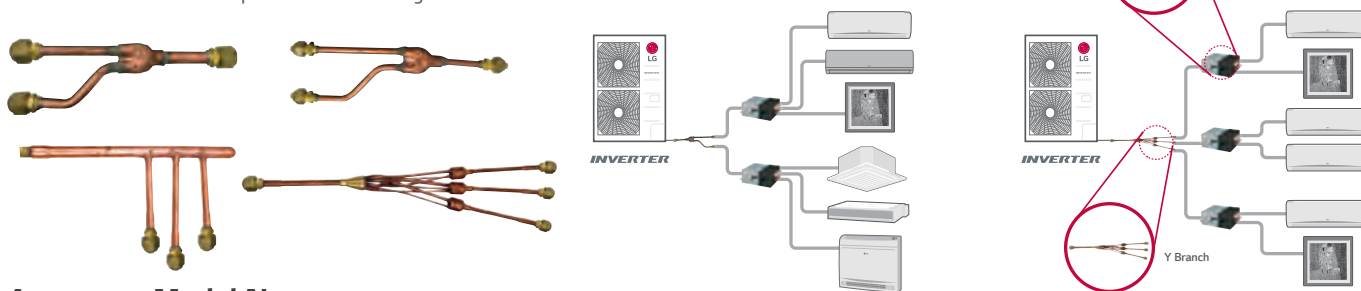
For our policy of continuous product improvement, specification, design and features are subject to change without prior notice.

Note : 1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)

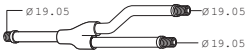
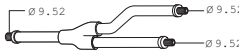
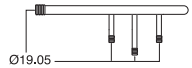
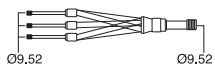
2. The BD should be installed inside the building.

Y Branch and Branch Kit **PMBL5620 (2 units) / PMBL1203F0 (3 units)**








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



Accessory Model Name





MODEL NAME	NO. OF BRANCH DISTRIBUTION UNITS	APPLICABLE MODEL	SPECIFICATION	
			GAS	LIQUID
PMBL5620 - £140.00	2 Units	1Ø, 3Ø		
PMBL1203F0 - £201.00	3 Units	1Ø, 3Ø		
Piping	Y Branch / Branch Kit	Multi FDX	PMBL3620	£128.00

CONTROLLERS

Individual Controller Name	Wired Remote Controller					Wireless Remote Controller	Wi-Fi Controller
	Premium	Standard III	Standard II	Simple	Simple(Hotel)		
Model Name							
	PREMTA000 PREMTA000A PREMTA000B	PREMTB100 PREMTBB10	PREMTB001 PREMTBB01	PQRCVCL0Q PQRCVCL0QW	PQRCHCA0Q PQRCHCA0QW	PWLSSB21H (H/P)	PWFMD200
List Price £	£237.00	£157.00	£100.00	£119.00	£119.00	£78.00	£216.00
On / Off	o	o	o	o	o	o	o
Fan Speed Control	o	o	o	o	o	o	o
Temperature Setting	o	o	o	o	o	o	o
Mode Change	o	o	o	o	-	o	o
Auto Swing	o	o	o	o	o	o	o
Vane Control (Louver Angle)	o	o	o	o	o	o	o
E.S.P(External Static Pressure)	o	o	o	o	o	-	-
Electric Failure Compensation	o	o	o	o	o	-	o
Indoor Temperature Display	o	o	o	o	o	-	-
ALL Button Lock (Child Lock)	o	o	o	o	o	-	-
Schedule / Timer	Weekly-Yearly	Weekly-Yearly	Weekly	-	-	Sleep / On / Off	Weekly
Additional Mode Setting ¹⁾	o	o	o	-	-	-	-
Time Display	o	o	o	-	-	o	-
Humid. Display	o	o	-	-	-	-	-
Advanced Lock	Advanced Lock	Advanced Lock	-	-	-	-	-
Filter Sign	o	o	o	-	-	-	-
Energy Management ²⁾	o	o	o	-	-	-	-
Dual Set Point	o	o	-	-	-	-	-
Human Detection	-	o	-	-	-	-	-
Temp. Humidity Compensation	o	o	-	-	-	-	-
Wi-Fi AP Mode Setting	o	o	o	o	o	o	-
Operation Status LED	o	o	o	o	o	-	-
Wireless Remote ControllerReceiver	o ³⁾	-	o ³⁾	o ³⁾	o ³⁾	-	-
Display	5 inch Color	4.3 inch Color	4.3 inch mono	2.6 inch mono	2.6 inch mono	2 inch mono	-
Size (W x H x D, mm)	137 x 121 x 16.5	120 x 120 x 16	120 x 120 x 16	64 x 120 x 15	64 x 120 x 15	51 x 153 x 26	-
Black Light Control for Screen Saver	o	o	-	-	-	-	-

o : Applied, - : Not Applied

1) Except for some feature (individual lock, limit, temp., etc.) | 2) Except for some feature (user mode, additional function, etc.) | 3) ACP 5 or AC Smart 5 is required | 4) This function is possible to use in Web Only (BMS Point is not applied) | 5) Without additional device, ACP 5 and AC Smart 5 provide BACnet IP and Modbus TCP interface for BMS | 6) Save to PC / USB function will be available from 4Q 2020

Centralised Controller Name	AC Ez	AC Ez Touch	AC Smart 5 ⁵⁾	ACP 5 ⁵⁾	AC Manager 5 ³⁾
Model Name					
	PQCSZ250S0	PACEZA000	PACSSA000	PACPSA000	PACMSA000
List Price £	£808.00	£1,794.00	£3,783.00	£3,176.00	£4,815.00
DO	-	-	2	4	-
DI	-	1	2	10	-
Product	IDUs	64	128	256	8,192
Max. Connectable No.	A/C + ERV	64	128	256	8,192
	AHU	64	128	256	8,192
	Chiller	-	16	16	16x32
		-	5 Optional ²⁾	10 Optional ²⁾	10x32
Compatibility	Air Conditioner	o ¹⁾	o	o	o
	Ventilation (ERV / ERV DX)	o ²⁾	o	o	o
	Heating	o	o	o	o
	AHU	-	o	o	o
	Chiller	-	o ⁴⁾	o ⁴⁾	o
	ACS IO	-	o ⁴⁾	o ⁴⁾	o
Additional Function	Add Drawing	-	o ⁴⁾	o ⁴⁾	o
	Group Management	-	o ⁴⁾	o ⁴⁾	o
	Auto Changer Over	-	o ⁴⁾	o ⁴⁾	o
	Set Back	o	o ⁴⁾	o ⁴⁾	o
	2 Set	-	o	o	o
	Change Alarm	-	Filter	Filter	Filter
	Indoor Unit Lock	-	o	o	-
	Cycle	-	o	o	o
Schedule	o	o	o ⁴⁾	o ⁴⁾	o
Auto Control	Peak Control	Priority Control	o	o	o
		Outdoor Unit Capacity Control	o ⁴⁾	o ⁴⁾	o
	Time limit control	-	o ⁴⁾	o ⁴⁾	o
	InterLocking	-	o ⁴⁾	o ⁴⁾	o
Energy Navigation	-	-	o ⁴⁾	o ⁴⁾	o
Energy Report	Power	-	o	o	o
	Gas	-	o	o	o
	Run time	-	o ⁴⁾	o ⁴⁾	o
	Email	-	-	-	-
	PC / USB	-	o ⁴⁾	PC	PC
Trend Reporting	-	-	-	-	o
History	Report (Control / Error)	Error	o ⁴⁾	o ⁴⁾	o
	Send Email	-	o ⁴⁾	o ⁴⁾	o
	Save to PC / USB ⁶⁾	-	-	-	-

1) It might not be indicated or operated at the partial product

2) Centralised control (PACEZA000 / PACSSA000 / PACPSA000) and PDI (PQNUD1S40 / PPWRDB000) should be installed for this function

3) For ceiling type duct

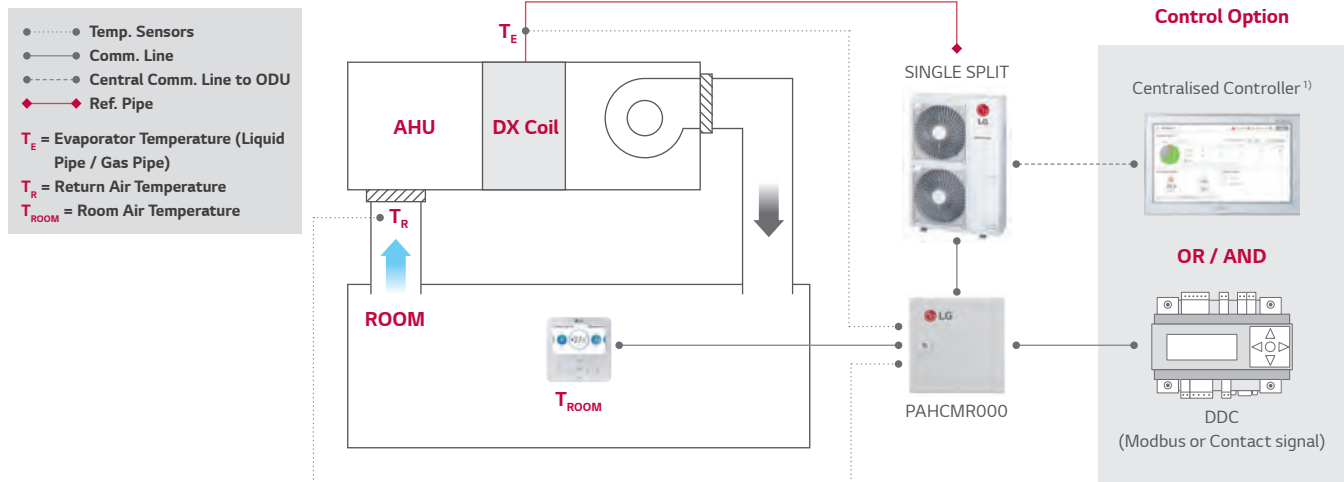
Note: 1. Indoor unit should have functions requested by the controller

2. If you need more detail, please refer to the manual of product. (<http://partner.lge.com/uk/Home> > DocLibrary > Manual)

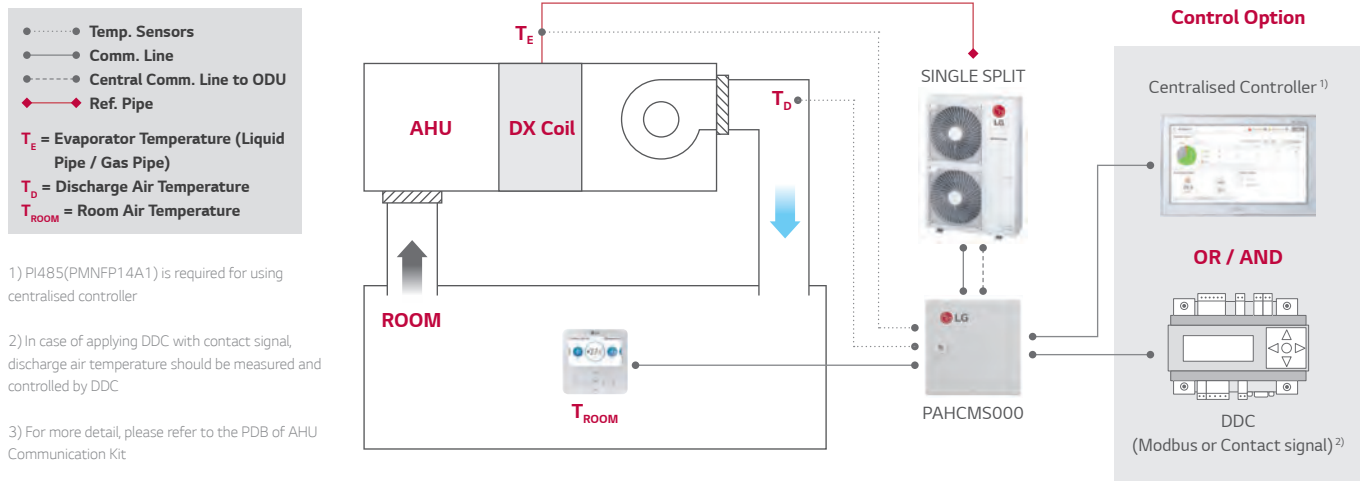
AHU COMBINATION AND APPLICATIONS

Economically feasible solution for pair application with air handling units.

Return/Room Air Temperature Control



Discharge Air Temperature Control



1) PI485(PMNF14A1) is required for using centralised 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

FUNCTION LIST*		PAHCMR000	PAHCMS000	NOTE
Price	£	£702.00	£1,143.00	
		Return / Room air temperature control by DDC or LG individual / centralised controller	Discharge air temperature control by DDC or LG individual / centralised controller	Dimensions (mm) W x H x D 300 x 300 x 155
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
Monitor	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
	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

		R32			R410A	
Model Name		UUA1.U10	UUB1.U20	UUC1.U40	UUD1.U30 UUD3.U30	UU70W.U34 UU85W.U74
Capacity Index	kBtu/h	9 - 18	18 - 30	24 - 36	36 - 60	70
Range	kW	2.5 - 5.0	5.0 - 8.0	6.8 - 10.0	10.0 - 14.6	20.0
PAHCMR000		X	0	0	0	0
PAHCMS000		X	0	0	0	0

ACCESSORIES

AHU Kits

Control Application Kit

Type	Model	Price £	Dimensions (mm)			Power Supply	IP Rating	Description
			W	H	D			
Communication Kit	PAHCMR000	£702.00	300	300	155	1Φ, 220-240 V, 50/60 Hz	IP66	Return / Room air temperature control by DDC or LG individual / centralised controller.
	PAHCMS000	£1,143.00	380	300	155	1Φ, 220-240 V, 50/60 Hz	IP66	Discharge air / Supply air temperature control by DDC or LG individual / centralised controller
Controller Module	PAHCM0000	£749.00	162	90	61	DC 12V	IP20	Main Controller module
	PAHCMC000	£278.00	108	90	61	DC 12V	IP20	Communication Controller module
Control Kit	PAHCNM000	£4,045.00	500	500	210	1Φ, 220-240 V, 50/60 Hz		Various AHU control functions with multiple DX coils. (Maximum connectable ODU is 3 units)

Expansion Application Kit

Type	Model	Price £	Dimensions (mm)			Pipe Diameter (mm)	Capacity Index Range
			W	H	D	Liquid	
EEV Kit	PRLK048A0	£270.00	217	404	83	12.7	3.6 ~ 28 kW
	PRLK096A0	£299.00	217	404	83	12.7	28.1 ~ 56 kW
	PRLK396A0	£535.00	349.5	345.5	180	19.05	56.1 ~ 112 kW
	PRLK594A0	£749.00	409.5	345.5	180	19.05	112.1 ~ 168 kW

PI 485



MODEL NAME	PMNFP14A1 - FOR OUTDOOR UNIT
Price £	£114.00
Power	Single phase AC 220V 50/60Hz
Max no of IDU that can be connected	64 UNITS
Model applied	RAC / Multi / Single / Thermo V

MODEL NAME	PHNFP14A0 - FOR INDOOR UNIT
Price £	£130.00

LG Wi-Fi Modem



PWFMD200

MODEL NAME	PWFMD200
Price £	£216.00
Size (W x H x D, mm)	48 x 68 x 14
Interfaceable Products	Single Indoor unit ³⁾
Connection Type	Indoor unit 1:1
Communication Frequency	2.4 GHz
Wireless Standards	IEEE 802.11b/g/n
Mobile Application	LG Smart ThinQ (Android v4.1 (Jellybean) or higher, iPhone iOS 9.0 or higher)
Optional Extension Cable	PWYREW000 (10m extension)

LG Wifi Modem Extension Cable PWYREW000 **£110.00**

LG MV



MODEL NAME	MOBILE - PLGMVW100
Price £	£140.00

MODEL NAME	LAPTOP - PRCTILO
Price £	£277.00

Dry Contact



PDRYCB000

PDRYCB400



PDRYCB300

PDRYCB500

MODEL	PDRYCB000	PDRYCB400	PDRYCB300/320 ¹⁾	PDRYCB500
Price £	£114.00	£157.00	£174.00	£174.00
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	•	•	•	•

ODU Dry Contact	PQDSBCDVM0	£239.00
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Refer to each product PDB for applicable models

1) Can use a universal input port with PDRYCB320 model.



SPLIT AND MULTI-SPLIT ACCESSORIES



PQNUD1S40 (Premium, 8 port). PPWRDB000 (Standard, 2 port)

MODEL NAME	PQNUD1S40	PPWRDB000
List Price £	£1,771.00	£1,589.00
Size (W x H x D, mm)	270 x 155 x 65	
Interfaceable Products	Air conditioner, ERV DX	
Maximum Number of Power Meters	EHP: 8 Watt meter GHP: 4 Watt meter / 4 Gas meter	EHP: 2 Watt meter GHP: 1 Watt meter / 1 Gas meter
Maximum Number of Indoor Units	MULTI V: 128	
Data Backup When Power Outage	o	
Power Input	PDI: AC 24V, Transformer: AC 220V	


	MODEL REFERENCE	LIST PRICE £
PI485 for AC Outdoor	PMNFP14A1	£114.00
PI485 for AC Indoor	PHNFP14A0	£130.00
Modbus Gateway for Outdoor	PMBUSB00A	£1,072.00
Variable Water Flow Control Kit	PWFCKN000	£257.00
SD Module	PVDATN000	£126.00
Cool/Heat Selector	PRDSBM	£87.00
Group Control Wire	PZCWRCG3	£15.00
Zone Controller	ABZCA	£370.00
Remote Temperature Sensor	PQRSTA0	£40.00

	MODEL REFERENCE	LIST PRICE £
IO Module	PVDSMN000	£336.00
Water Communication Module	PAHCMW000	£497.00
Remote Temperature Sensor	PQRSTA0	£40.00
Independent Power Module	PRGK024A0	£149.00
IR Receiver	PWLRVN000	£57.00
Refrigerant Leakage Detector	PRLDNVSO	£99.00
Auxiliary Heater Kit	PRARS1	£83.00
Auxiliary Heater Kit	PRARH1	£83.00

CASSETTE ACCESSORIES	MODEL REFERENCE	LIST PRICE £
Cassette Cover - DUAL Vane	PTDCM	£262.00
Cassette Cover	PTDCQ	£186.00
1 Way CST Panel Type	PT-UAHGO	£186.00
1 Way CST Panel Grille Type	PT-UAHWO	£132.00
1 Way CST Panel Grille Type	PT-TPHGO	£132.00
1 Way Air Purification Kit	PTAHTPO	£117.00
4 Way CST Panel	PT-QCHWO	£140.00
Human Detection Sensor	PTVSMAO	£116.00
Auto Elevation grille	PTEGMO	£452.00
Floor Temperature Sensor (Dual Vane)	PTFSMA0	£139.00
Plasma Kit	PTPKQ0	£121.00
Drain Pump Kit	ABDPG	£160.00
Drain Pump Kit	PBDP9	£160.00
Drain Pan	PRODX20	£141.00
Drain Pan	PRODX30	£151.00

MODEL	LIST PRICE £	DESCRIPTION
PT-AAGW0	£144.00	standard dual vane grille (950*950)
PT-AEGW0	£662.00	elevating dual vane grille (950*950)
PT-AFGW0	£200.00	floor temperature dual vane grille (950*950)
PT-QAGW0	£127.00	standard dual vane grille (620*620)

CO2 Sensor



AHCS100H0
(Internal Type)

£268.00

SYNCHRO		
2 PMUB11A	3 PMUB111A	4 PMUB1111A
£128.00	£139.00	£149.00





LG Electronics

Email: aircon.sales@lge.com

Web: www.lg.com/uk/business

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