

LG Price List

VALID FROM FEBRUARY 2022

Innovation for a Better Life



INDEX



SINGLE SPLIT SYSTEMS (R32)

LINE-UP	9
ARTCOOL MIRROR WALL MOUNT + UV NANO	10
DUALCOOL DELUXE WALL MOUNT + UV NANO	11
DUALCOOL STANDARD PLUS WALL MOUNT	12



FREE COMBINATION COMMERCIAL SPLITS (R32)

STANDARD AND COMPACT LINE-UP	13
NEW DUAL VANE 4-WAY CASSETTE	17-18
NEW COMPACT DUAL VANE 4-WAY CASSETTE	19
ACCESSORIES CASSETTE PANELS AND GRILLES	20
NEW ROUND CASSETTE	21
LOW STATIC CEILING CONCEALED DUT	22
COMPACT LOW STATIC CEILING CONCEALED DUT	23
MID STATIC CEILING CONCEALED DUT	24-25
COMPACT MID STATIC CEILING CONCEALED DUT	26
CEILING SUSPENDED UNIT	27-28
COMPACT CEILING SUSPENDED UNIT	29
CONSOLE - LOW WALL	30
NEW WALL MOUNTED UNIT	31-32
NEW COMPACT WALL MOUNTED UNIT	33

COMMERCIAL SPLIT SYSTEMS – R410A

CEILING CONCEALED DUCT	34
FLOOR STANDING UNIT	35

MULTI SPLIT SYSTEMS

MULTI-SPLIT LINE-UP (R32 & R410A)	36-37
MULTI-SPLIT OUTDOOR UNITS (R32)	38-40
ARTCOOL GALLERY + MIRROR	41
DULUXE	42
STANDARD PLUS	43
4 WAY CEILING MOUNTED CASSETTE	44
1 WAY CEILING CONCEALED CASSETTE / CEILING DUCTED	45-46
MULTI-SPLIT – DISTRIBUTOR BOX TYPE OUTDOOR UNITS	47-49
CEILING CONVERTIBLE	50



SPLIT SYSTEMS ACCESSORY ITEMS

MULTI-SPLIT DISTRIBUTOR TYPE ACCESSORIES	51
INDIVIDUAL AND CENTRALISED CONTROLLERS	52
AHU COMBINATION AND APPLICATIONS	53
MISC ACCESSORY ITEMS	54-55

INDOOR UNITS

LINE UP	96
ARTCOOL GALLERY WALL MOUNTED	97
STANDARD WALL MOUNTED	98-99
4 WAY 570*570 CEILING MOUNTED CASSETTE	100-101
DUAL VANE 4 WAY 840*840 CEILING MOUNTED CASSETTE	103
2 WAY CASSETTE	104
1 WAY CASSETTE	105
ROUND CEILING CASSETTE	107
LOW STATIC DUCT	108-109
MID STATIC DUCT	110-111
HIGH STATIC DUCT	112
FRESH AIR INTAKE	113
CEILING & FLOOR CONVERTIBLE	114
CEILING SUSPENDED	115
CONSOLE & FLOOR STANDING	116-117



OUTDOOR UNITS

LINE UP	58-59
MULTI V S COMPACT (R32)	66
MULTI V S HEAT PUMP	67-69
MULTI V S HEAT RECOVERY	68
MULTI V 5	72-82
MULTI V WATER IV (HEAT PUMP / HEAT RECOVERY)	86-91
MULTI V M	92
HEAT RECOVERY BOXES	94



HOT WATER SOLUTION

HYDRO KIT - WALL MOUNTED UNITS	118-119
HYDRO KIT - FLOOR STANDING UNITS	120

VENTILATION SOLUTIONS

ERV	121-122
ERV WITH DX COIL	123



ACCESSORIES

CONTROLLERS	124-125
ACCESSORY ITEMS	126-127

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.



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.

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.

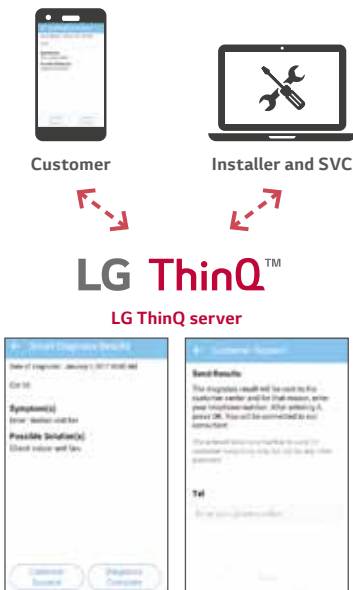
Sure, turning on



☐ 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



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™

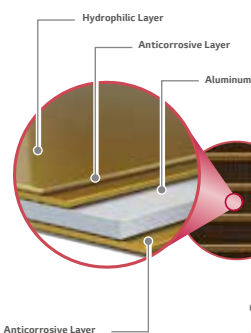
Gold Fin™

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.

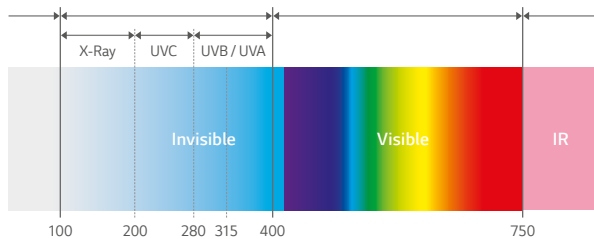
UVnano is an integrated marketing name that applies LG Electronics' entire home appliances and it is a compound of the words UV (ultraviolet) and nanometer (unit of length).

What is UVnano™ and How it Works?

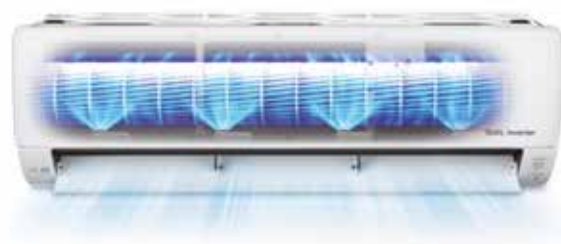
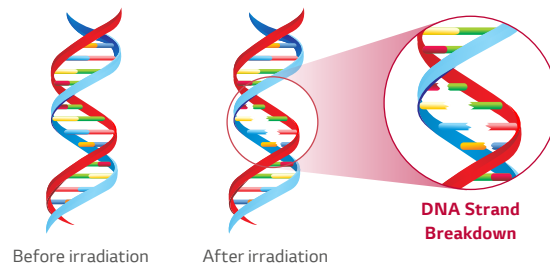
- Emit Ultraviolet rays of UVC wavelength directly damage the DNA of microorganisms (bacteria/mold/viruses) making it impossible for them to multiply.
- High absorption into DNA at 260 to 270 nm wavelengths

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.

INDOOR UNITS		9	12	15	18	24
KW		2.6	3.5	4.2	5.3	7.0
Wall Mounted Unit	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

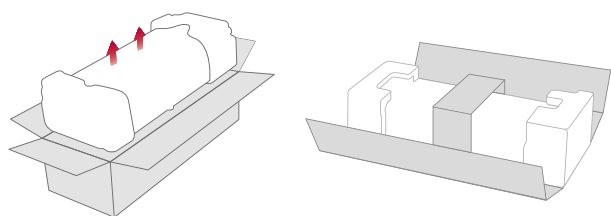
|| These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO₂eq : F-gas(kg)*GWP/1000)
 || S : Sleep / L : Low / M : Medium / H : High
 || Specification, design and feature are subject to change without prior notice.



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

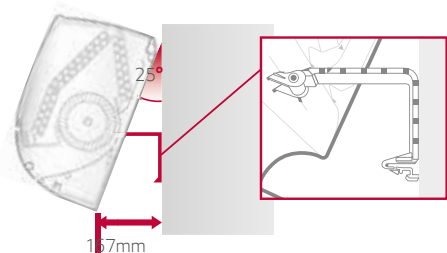


Conventional

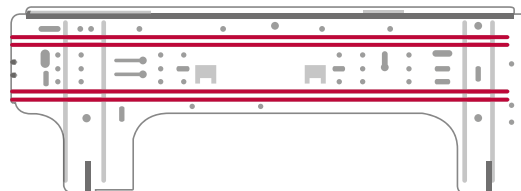
LG

Installation Support Clip

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

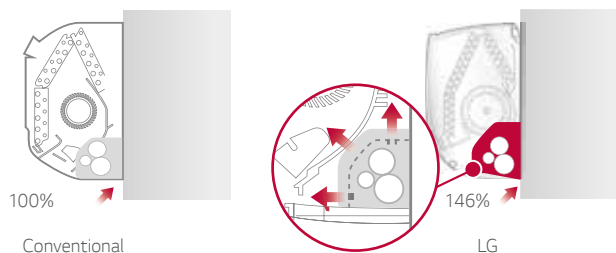


LG's installation plate is larger and customised to reduce with measurements and template to save on the installation time.



Wider Tubing Space

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

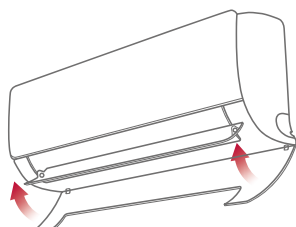


Conventional

LG

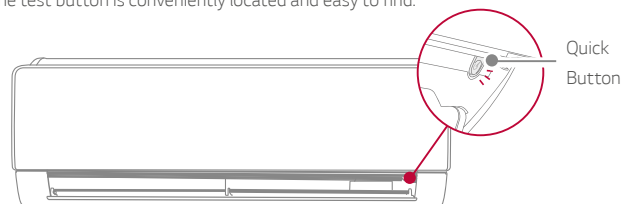
Detachable Bottom Cover

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

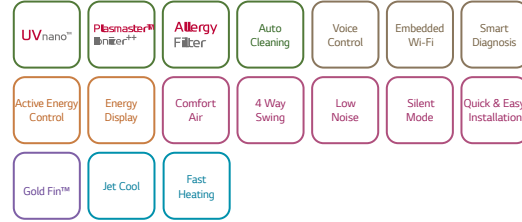


Quick button for running test

The test button is conveniently located and easy to find.



ARTCOOL MIRROR

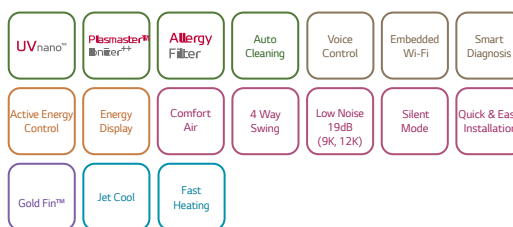


LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

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
	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 (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
	Additional Charge		t-CO ₂ eq	0.473	0.473	0.675	0.743
	GWP		g/m	20	20	20	20
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-CO₂ eq : F-gas(kg)*GWP/1000
 || Specification, design and feature are subject to change without prior notice.



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

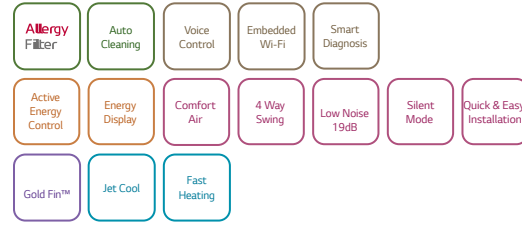
DUALCOOL DELUXE

Single Combination

UNIT				9K	12K	18K	24K
INDOOR				DC09RK NSJ	DC12RK NSJ	DC18RK NSK	DC24RK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.20 / 5.00	0.89 / 4.00 / 6.00	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
	Heating -7°C	Rated	kW	3.20	3.50	4.20	6.00
Power Input	Cooling / Heating	Rated	W	572 / 711	933 / 976	1,562 / 1,611	2,164 / 2,238
EER			W/W	4.37	3.75	3.20	3.05
S.E.E.R.				7.90	7.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.50	4.10	3.60	3.35
S.C.O.P	(Average / Warmer)			4.60 / 5.40	4.60 / 5.40	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.80 / 1.50	2.90 / 1.50	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	Heating	(Average / Warmer)		A++ / A++	A++ / A++	A+ / A+++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	111	161	250	335
	Heating	(Average / Warmer)	kWh	852 / 389	883 / 389	1,270 / 555	1,628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 37 / 42	27 / 37 / 42	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling		dB(A)	60	60	60	65
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m ³ /min	3.5 / 5.5 / 9.0 / 11.0 / 13.0	3.5 / 5.5 / 9.0 / 11.0 / 13.0	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H	m ³ /min	6.5 / 9.0 / 11.0	6.5 / 9.0 / 11.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.00 / 2.50 / 6.00	1.00 / 4.00 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.00 / 3.20 / 7.00	1.00 / 4.30 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.40 / 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 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	9.1	9.1	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				DC09RK UL2	DC12RK UL2	DC18RK UL2	DC24RK U24
Operation Range	Cooling	Min. / Max.	°C DB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	49 / 51	49 / 51	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m ³ /min	35	35	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 20	3 / 20	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	10	10	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.800	0.800	1.000	1.100
	t-CO ₂ eq			0.540	0.540	0.675	0.743
	Additional Charge		g/m	20	20	20	20
GWP				675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	34.1	34.1	34.4	46.0
Dimension			mm	770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y
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 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				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
	Additional Charge		t-CO ₂ eq	0.473	0.473	0.675	0.743
	GWEP		g/m	20	20	20	20
Fan Motor Output			W	675	675	675	675
Compressor Type				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-CO₂ eq : 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	3Ø
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.



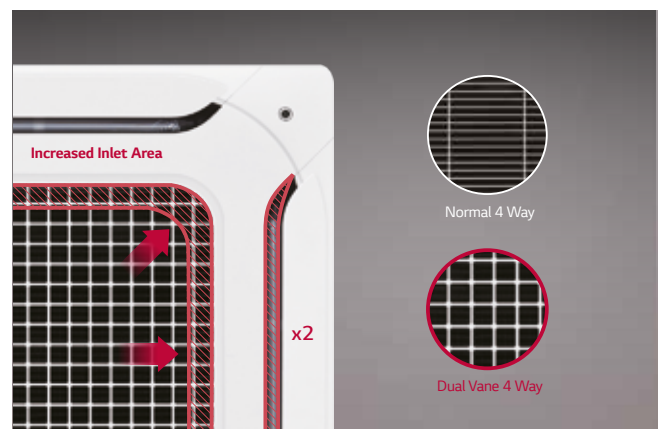
By sensing both temperature and humidity, this feature helps avoid over-cooling and dehumidification, maximizing comfort



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

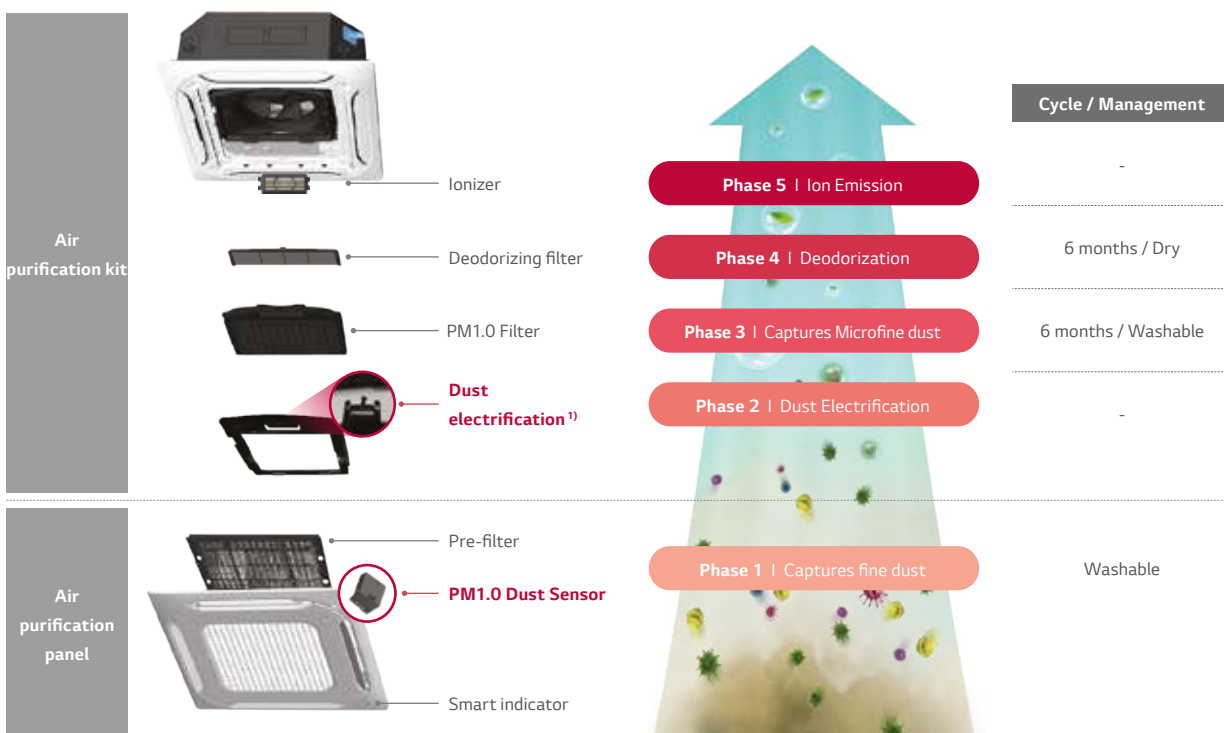
NEW DESIGN - 4-way air flow with new dual vane design

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.

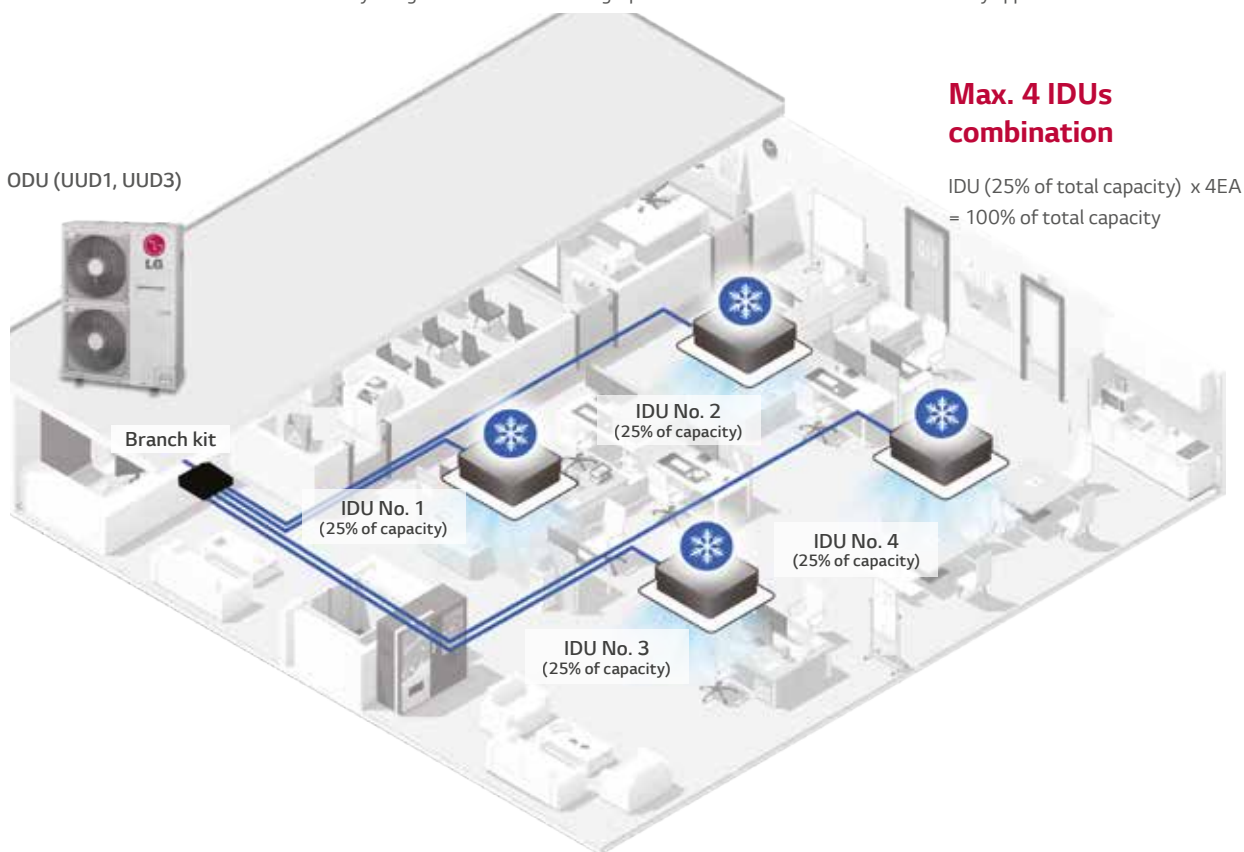


1) Electrical diffusion makes dust electrification.

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



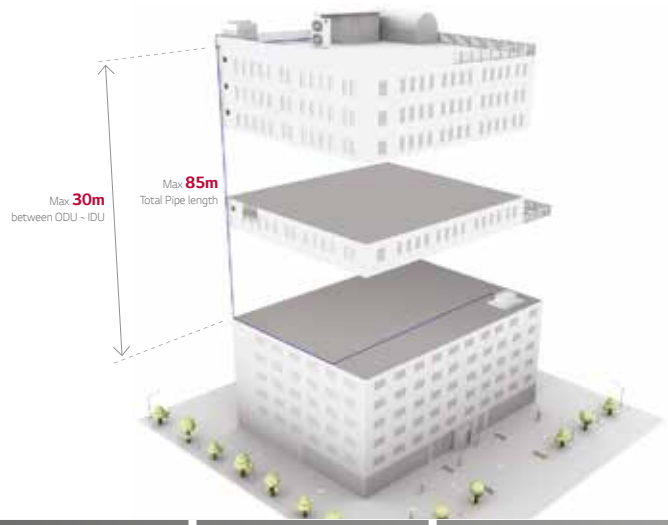
Model - R410A ODU	DUO		
	4 Way Cassette	Duct	Ceiling Suspended
UU70W	UT36F NAO*2	UM36F N20*2	-
	UT42 NM2*2	UM42 N24*2	UV42FN20 *2
UU85W	-	-	-
	UT42F NAO*2	UM42F N20*2	-
Branch kit	PMUB11A		

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

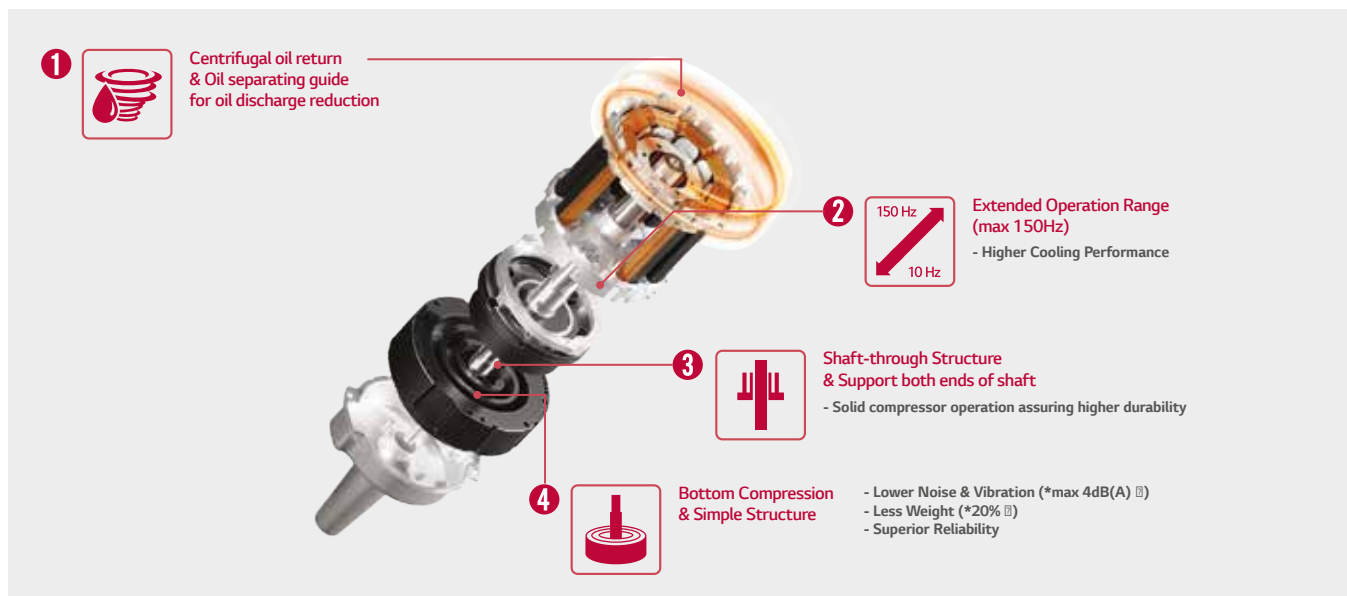
- Location : LG HQ
- Installation : Apply the maximum pipe length by model
- Period : 3 month (checking oil level in real time)
- No use U-Trap

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

RI 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.

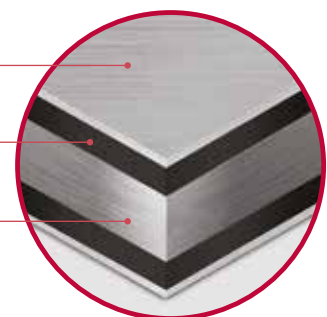
Hydrophilic Film (Water Flow)

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

ADD THE PRICE OF THE GRILLE AND CONTROLLER TO YOUR ORDER



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

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 NR0	CT12F NR0	CT18F NQ0	CT24F NB0	UT30F NB0
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	

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
Refrigerant	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

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	PQRCVCLOQW / PQRCVCLOQ	£119.00
Simple - Hotel	PQRCHCA0QW / PQRCHCA0Q	£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



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

UUD1.U30 UUD3 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 / 14.6 / 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



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

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8
	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
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)	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 NB0	UT30F NB0	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
	Model Name		-	PT-QAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾	PT-AAGW0 ⁽¹⁾
Recommended Decoration Panel*	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	
Refrigerant	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	
	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	0	Optional	Optional	X	Optional	X	X	X	£144.00
PT-AFGW0	0	Optional	Optional	Optional	Optional	0	0	X	£200.00
PT-QAGW0									£127.00

Specification

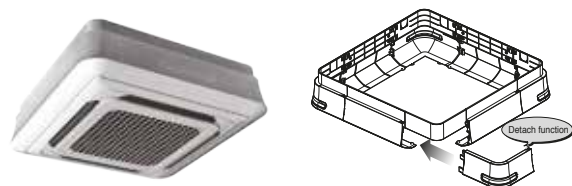
Model	Suction Type	Color (RAL)	Gloss	Weight (kg)	Dimension (mm)			Applied Model Capacity (kW)*						Price	
					W	H	D	Single Split		Multi Split		Multi V			
								R32	R410A	R32	R410A	R32	R410A		
4 Way	PT-QCHW0	Grill	Morning Fog (RAL 9001)	X	3.0	620	35	620	2.5-5.0	2.5-5.0	1.5-5.3	1.5-5.3	1.6-6.2	1.6-6.2	£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		PTAHMP0		0	0	0	£745.00
		PTAHTP0		0	0	0	£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

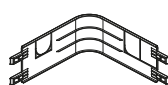
PTDCQ - £186.00

Applied Products

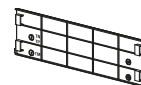
4 Way Cassette (for chassis TQ, TR)

Included Parts

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



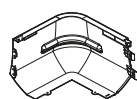
Cover A (4 units)



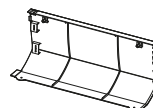
Cover B (4 units)



Screw (32 units)



Cover C (4 units)



Cover D (4 units)



Installation Manual

ROUND CASSETTE

UT36F NY0 / UT48F NY0

UUD1.U30 UUD3 U30



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



COMBINATION				36	48
Capacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Running Current	Cooling	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



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

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	Ø320 / 26.0	Ø320 / 26.0	Ø320 / 26.0	Ø320 / 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		
Refrigerant	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		
	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



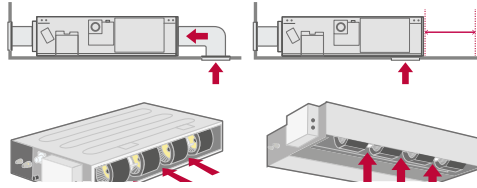
LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
: www.eurovent-certification.com

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	
Refrigerant	Type		-	R32	R32	
	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



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

COMBINATION				18	24	30	
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	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



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

COMBINATION				36	42	48	60	
Capacity	Cooling	Min. / Rated / Max.	kW	3.8 / 9.5 / 12.5	4.8 / 12.0 / 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



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

COMBINATION				18	24	30	36	
Capacity	Cooling	Min. / Rated / Max.	kW	1.8/5.0/5.6	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	900x270x700	900x270x700	900x270x700	1,250x270x700	
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



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

COMBINATION				18	24	30
Capacity	Cooling	Min. / Rated / Max.	kW	2.0 / 5.0 / 5.8	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

UUD1 U30



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

COMBINATION				36	42	48	60
Capacity	Cooling	Min. / Rated / Max.	kW	3.8/9.5/12.5	4.8/12.1/14.2	5.4/13.4/15.7	5.8/14.4/15.6
	Heating	Min. / Rated / Max.	kW	4.3/10.8/13.4	5.4/13.5/15.8	6.2/15.5/17.5	6.7/16.8/18.1
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50/2.65/4.03	0.80/3.90/5.07	0.90/4.50/5.85	1.10/5.33/5.97
	Heating	Min. / Rated / Max.	kW	0.50/2.60/3.54	0.80/3.75/4.88	0.90/4.77/5.82	1.10/5.60/6.44
Running Current	Cooling	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



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

COMBINATION				18	24	30	36
Capacity	Cooling	Min. / Rated / Max.	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.5
	Heating	Min. / Rated / Max.	kW	2.2 / 5.3 / 5.8	2.9 / 7.3 / 8.4	3.2 / 8.0 / 8.8	4.1 / 10.3 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.32 / 1.62 / 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	
	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	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

UUA1 ULO

UUB1 U20



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

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	
	GWPP (Global Warming Potential)		-	675	675	
	Precharged Amount		kg	1.0	1.2	
	t-CO ₂ eq		-	0.675	0.81	
Fan	Air Flow Rate	Rated	m ³ /min x No.	28 x 1	50 x 1	
	Total Piping Length	Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation	IDU - ODU	Max.	m	30	30	
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 :

- 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)

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	Body		kg (lbs)	8.2 (18.1)	8.2 (18.1)	10.9 (24.0)	11.5 (25.4)
	Shipping		kg (lbs)	10.2 (22.5)	10.2 (22.5)	13.9 (30.6)	14.5 (32.0)
Sound Pressure Level	Cooling	H / M / L	dB(A)	36 / 32 / 27	38 / 34 / 29	44 / 38 / 34	46 / 41 / 36
Sound Power Level	Cooling	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	1 / 220-240 / 50
Circuit Breaker		Min.	A	15	20	25	25
Power Supply Cable (included Earth)			No. x mm²	3C x 1.5	3C x 2.5	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		Rated	m³/min x No.	28 x 1	50 x 1	58 x 1	
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	£1,538.00	£1,956.00

WALL MOUNTED

US30F / US36F



UUC1 U40

UUD1 U30

UUD3 U30



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

COMBINATION				30	36	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.2 / 8.0 / 9.0	3.8 / 9.5 / 12.5	3.8 / 9.5 / 12.5
	Heating	Min. / Rated / Max.	kW	3.6 / 9.0 / 10.0	4.3 / 10.8 / 13.4	4.3 / 10.8 / 13.4
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.28 / 3.17	0.30 / 2.57 / 3.91	0.30 / 2.57 / 3.91
	Heating	Min. / Rated / Max.	kW	0.50 / 2.5 / 3.20	0.50 / 2.77 / 3.77	0.50 / 2.77 / 3.77
Running Current	Cooling	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 NR0	US36F NR0	US36F NR0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	47 / 42 / 36	65 / 47 / 42	65 / 47 / 42
Air Flow Rate		H / M / L	m3/min	21 / 17 / 13	25 / 21 / 17	25 / 21 / 17
Dimensions	Body	W x H x D	mm	1,200 x 360 x 265	1,200 x 360 x 265	1,200 x 360 x 265
Weight	Body		kg	18.3	18.3	18.3
Sound Pressure Level	Cooling	H / M / L	dB(A)	46.0 / 42.0 / 38.0	51.0 / 46.0 / 42.0	51.0 / 46.0 / 42.0
Sound Power Level	Cooling	Max.	dB(A)	62	65	65
Piping Connections	Drain	O.D. / I.D.	mm	Ø21.5 / 16.0	Ø21.5 / 16.0	Ø21.5 / 16.0
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 :

- 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)

COMPACT WALL MOUNTED

US30F / US36F

UUB1 U20

UUC1 U40



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



COMBINATION				30	36
Capacity	Cooling	Min. / Rated / Max.	kW	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.6
	Heating	Min. / Rated / Max.	kW	3.1 / 7.7 / 8.5	4.3 / 10.8 / 11.5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.50 / 2.31 / 2.77	0.60 / 3.06 / 3.67
	Heating	Min. / Rated / Max.	kW	0.40 / 2.14 / 2.78	0.60 / 3.0 / 3.72
Running Current	Cooling	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 ²	3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	44.5	57.7
Compressor	Type		-	Twin Rotary	Twin Rotary
	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	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 :

- 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)

CEILING CONCEALED DUCT

HIGH STATIC PRESSURE
- UB70 / UB85



UU70W UU85W



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

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 WB	-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

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. (R410A)

FLOOR STANDING

UP48



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

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	
Power Input (Set)	Cooling	Nom.	kW	4.2	
	Heating	Nom.	kW	4.5	
Power Input (Indoor)		Nom.	W	200	
Running Current	Cooling / Heating	Nom.	A	18.1 / 19.5	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
EER				3.21	
COP				3.41	
SEER				5.05	
SCOP				3.51	
Pdesign (@ -10°C)			kW	11.5	
Seasonal Energy Label	Cooling / Heating			-	
Annual Energy Consumption	Cooling / Heating		kWh	-	
Piping Connection	Liquid		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 / 7.5	5 / 7.5
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


















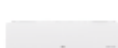













£3,556.00

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. (R410A)

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	 			● MA09R NF1	● MA12R NF1			
	ARTCOOL Mirror	   		● AM07BK NSJ	○● AC09BK NSJ	○● AC12BK NSJ	○● AC18BK NSK	○● AC24BK NSK	
	Deluxe	  		● DM07RK NSJ	○● DC09RK NSJ	○● DC12RK NSJ	○● DC18RK NSK	○● DC24RK NSK	
	Standard Plus	   	● PM05SK NSA	● PM07SK NSA	○● PC09SK NSJ	○● PC12SK NSJ	● PM15SK NSJ	○● PC18SK NSK	○● PC24SK NSK
	Standard Specialty	   	● MJ05PC NSJ	● MJ07PC NSJ	○● MJ09PC NSJ	○● MJ12PC NSJ	● MJ15PC NSJ	○● MJ18PC NSK	○● MJ24PC NSK
	Standard 2	  		□ MS07ET NSA	□ S09ET NSJ	□ S12ET NSJ		□ S18ET NSK	□ S24ET NSK
Ceiling Mounted Cassette	1 Way Cassette	 			● MT09R NU1	● MT11R NU1			
	4 Way Cassette	 	● MT06R NRO	● MT08R NRO	○● CT09F NRO	○● CT12F NRO	○● CT18F NQ0	○● CT24F NB0	
Ceiling Concealed Duct	Mid / High Static Pressure	 					○● CM18F N10	○● CM24F N10	
	Low Static Pressure	 			○● CL09F N50	○● CL12F N50	○● CL18F N60		
		 						○● CL24F N30	
Console	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	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	MU5R30 U40	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐	
R410a	MU5M40 U44	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	FM40AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	FM41AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	FM48AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	FM49AH U34	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐	☐			☐	☐	☐	☐		
	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	☐	☐	☐	☐	☐	☐	☐	☐	☐				☐	☐					
	MU5R30 U40	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐					
R410a	MU5M40 U44	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
	FM40AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
	FM41AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
	FM48AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
	FM49AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
	FM56AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐
FM57AH U34	☐	☐	☐	☐	☐	☐	☐	☐	☐			☐	☐			☐	☐	☐	☐	

OUTDOOR UNITS



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

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



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

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



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

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".
- 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)

ARTCOOL GALLERY



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

INDOOR				MA09R NF1	MA12R NF1
Capacity	Cooling	Rated	W	2,600	3,500
	Heating	Rated	W	2,900	3,900
Sound Pressure	Cooling	S / L / M / H	dB(A)	27 / 27 / 32 / 38	27 / 32 / 38 / 44
	Heating	L / M / H	dB(A)	27 / 32 / 38	32 / 38 / 44
Sound Power	Cooling	Power	dB(A)	52	54
Air Flow Rate	Cooling	S / L / M / H	m ³ /min	4.4 / 4.4 / 5.9 / 7.7	4.4 / 5.6 / 7.3 / 8.9
		Max. (Power)	m ³ /min	8.6	9.6
	Heating	L / M / H	m ³ /min	4.7 / 6.1 / 8.0	5.7 / 7.5 / 9.2
Dehumidification Rate			l/h	1.2	1.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75
Dimension			mm	600 x 600 x 145	600 x 600 x 145
Net Weight			kg	15.0	15.0
List Price - Indoor Unit			£	£434.00	£517.00

ARTCOOL MIRROR



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

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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	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™



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

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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	837 x 308 x 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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7
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



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

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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	754 x 308 x 189	754 x 308 x 189	837 x 308 x 189	837 x 308 x 189	837 x 308 x 189
Net Weight			kg	7.8	7.8	8.7	8.7	8.7
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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75
Dimension			mm	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	11.9	12.7
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			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			N x mm ²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Dimension			mm	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 MOUNTED CASSETTE (1 WAY)



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

1 Way Cassette

INDOOR				MT09R NU1	MT11R NU1
Capacity	Cooling / Heating	Nom.	kW	2.6 / 2.9	3.5 / 3.9
Power Input		Nom.	W	20	20
Running Current		Nom.	A	0.2	0.2
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	7.5 / 7.3 / 6.8	8.1 / 7.4 / 7.0
Sound Pressure	Cooling	H / M / L	dB(A)	36 / 34 / 32	37 / 36 / 33
Sound Power	Cooling	Max.	dB(A)	54	57
Dehumidification Rate			l/h	1.1	1.2
Dimensions	Body	W x H x D	mm	860 x 132 x 450	860 x 132 x 450
Net Weight	Body		kg	13.5	13.5
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
List Price - Indoor Unit			£	£469.00	£493.00

Decoration Panel	Model		PT-UAHW0	PT-UAHG0	PT-UPHG0
			£132.00	£186.00	£132.00
			£186.00	£186.00	£132.00
			£132.00	£186.00	£132.00

CEILING CONCEALED DUCT



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

INDOOR				CM18F N10	CM24F N10
Capacity	Cooling / Heating	Nom.	kW	5.3 / 5.8	7.0 / 7.7
Power Input		H / M / L	W	150 / 130 / 110	180 / 150 / 130
Running Current		H / M / L	A	0.85 / 0.76 / 0.67	0.98 / 0.85 / 0.76
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure		H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32
Sound Power Level		Rated	dB(A)	59	60
Dehumidification Rate			l/h	1.5	2.5
Dimensions		W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net Weight			kg	24.6	24.6
Piping Connections	Liquid Side		mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side		mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)
External static pressure	Min. - Max.		Pa (mmAq)	58.8 (6)	58.8 (6)
List Price - Indoor Unit			£	£565.00	£635.00

☐ 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

CEILING CONCEALED DUCT



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

Duct (Low Static)

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



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

Duct (Low Static)

INDOOR				CL24F N30
Capacity	Cooling / Heating	Nom.	kW	6.8 / 7.5
Power Input		H / M / L	W	150 / 130 / 110
Running Current		H / M / L	A	0.65 / 0.56 / 0.47
Power Supply			Ø / V / Hz	1 / 220-240 / 50
Air Flow Rate		H / M / L	m ³ /min	20.0 / 16.0 / 12.0
Sound Pressure		H / M / L	dB(A)	39 / 35 / 32
Sound Power Level		Rated	dB(A)	58
Dehumidification Rate			l/h	2.5
Dimensions		W x H x D	mm	1,100 x 190 x 700
Net Weight			kg	26.0
Piping Connections	Liquid Side		mm (inch)	Ø 9.52 (3/8)
	Gas Side		mm (inch)	Ø 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)	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)	-		2,087.5	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	FMS7AH 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				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
Power Supply Cable				No. x mm ²	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
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



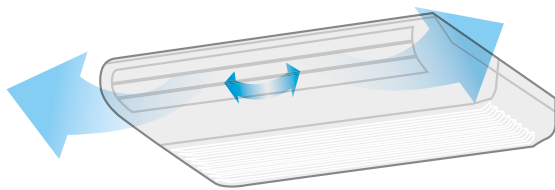
Ceiling & Floor Convertible

INDOOR				CV09 NE2	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

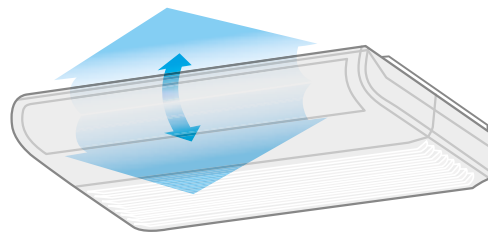
Air Flow Direction Control

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

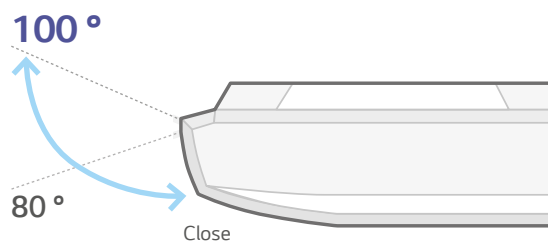
Horizontal



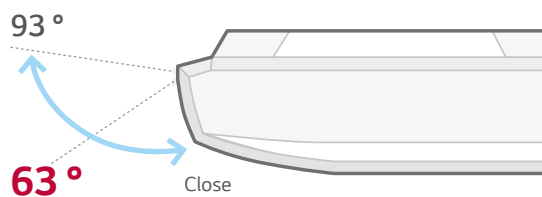
Air flow



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



No Brazing



Just Flaring

Specification

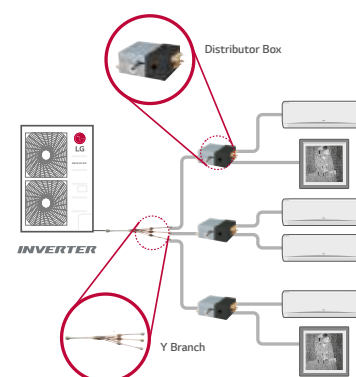
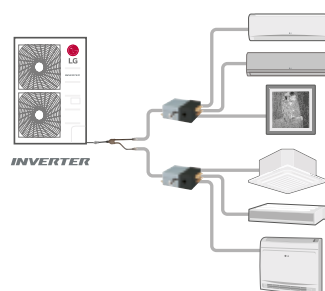
BRANCH DISTRIBUTION BOX		PMBD3620	PMBD3630	PMBD3640
Connectable Indoor Units	Number of Indoor Units Capacity	1 ~ 2	1 ~ 3	1 ~ 4
Power Source	V, Ø, Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Power Consumption	W	10	10	10
Running Current	A	0.05	0.05	0.05
Dimensions	W x H x D	302 x 143 x 252 (11.9 x 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.

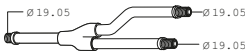
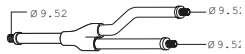
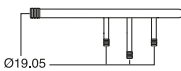
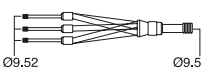
- Note: 1. The piping connection must be suit the piping sizes of the indoor unit which will be connected. (If need, use the connector which is included in the indoor unit)
2. The BD should be installed inside the building.

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	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 Controller Receiver	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	PACSA000	PACP5A000	PACM5A000
List Price £	£808.00	£1,794.00	£3,783.00	£3,176.00	£4,815.00
DO	-	-	2	4	-
DI	-	1	2	10	-
Product					
Max. IDUs	32	64	128	256	8,192
Connectable ERV	32	64	128	256	8,192
No. A/C + ERV	32	64	128	256	8,192
AHU	-	-	16	16	16x32
Chiller	-	-	5 Optional ²⁾	10 Optional ²⁾	10x32
Compatibility					
Air Conditioner	o ¹⁾	o	o	o	o
Ventilation (ERV / ERV DX)	o ²⁾	o	o	o	o
Heating	-	o	o	o	o
AHU	-	o	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	o ⁴⁾	o ⁴⁾	o
Set Back	-	o	o ⁴⁾	o ⁴⁾	o
2 Set	-	o	o	o	o
Change Alarm	-	Filter	Filter	Filter	Filter
Indoor Unit Lock	-	o	o	o	-
Cycle	-	o	o	o	o
Schedule					
Peak Control	o	o	o ⁴⁾	o ⁴⁾	o
Priority Control	-	o	o	o	o
Outdoor Unit Capacity Control	-	-	o ⁴⁾	o ⁴⁾	o
Auto Control					
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	o
Gas	-	o	o	o	o
Run time	-	-	o ⁴⁾	o ⁴⁾	o
Email	-	-	-	-	-
PC / USB	-	-	o ⁴⁾	PC	PC
Trend Reporting	-	-	-	-	-
Report (Control / Error)	-	Error	o ⁴⁾	o ⁴⁾	o
History					
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 / PACSA000 / PACP5A000) and PDI (PQNUD1540 / PPWRDB000) should be installed for this function

3) For ceiling type duct

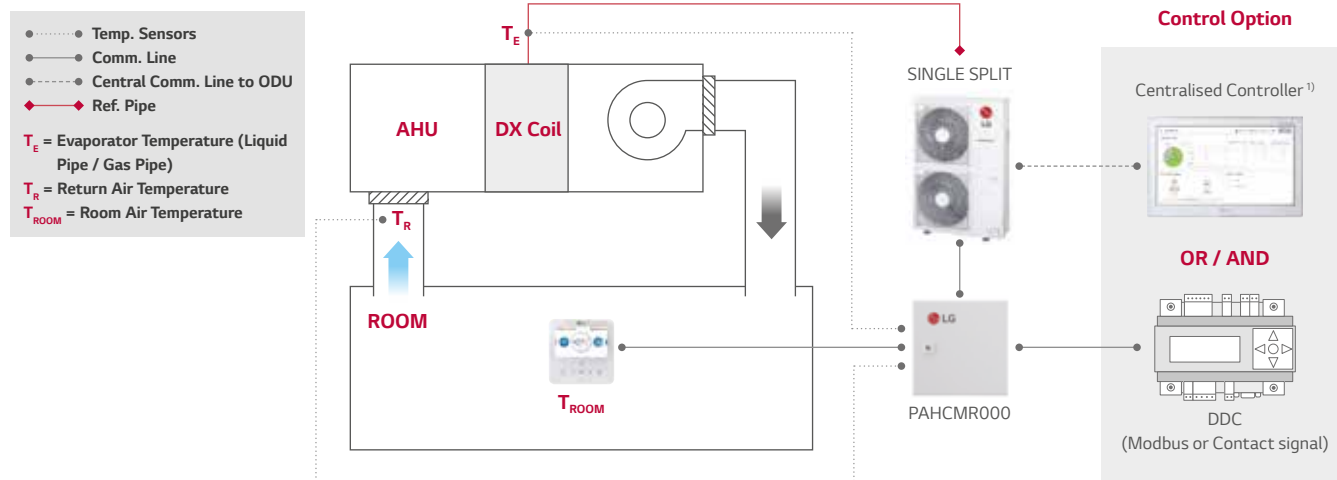
Note : 1. Indoor unit should have functions requested by the controller

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

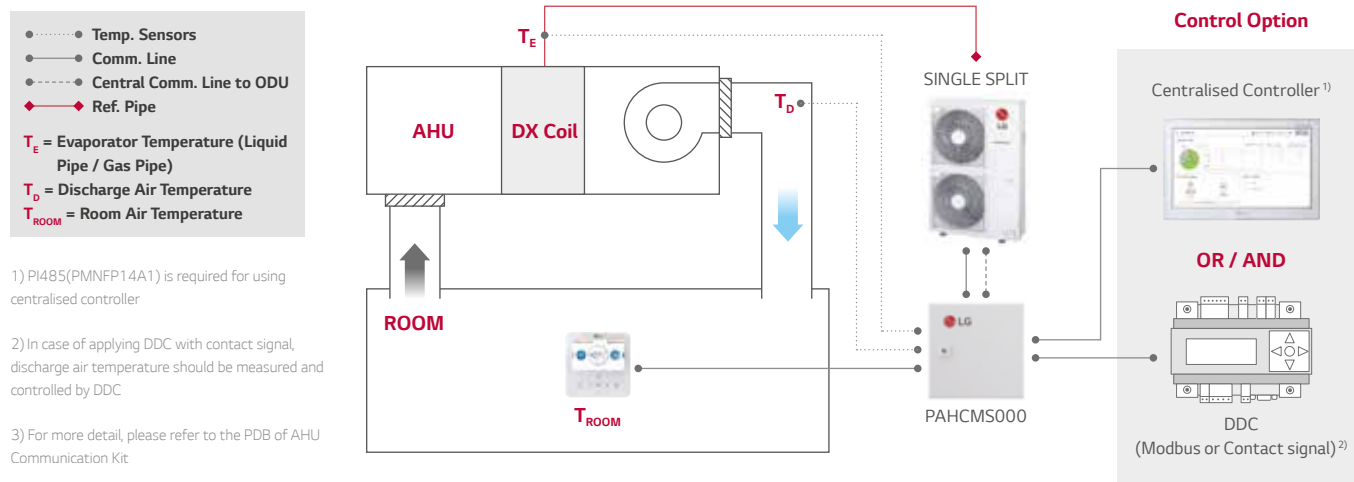
AHU COMBINATION AND APPLICATIONS

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
		On / Off	On / Off	
		Cooling / Heating	Cooling / Heating	
		16-30°C	-	
Control		-	16-30°C	Available in case of using DDC with Modbus or LG Control system
		Low / Middle / High	Low / Middle / High	It may not be possible depending on the particular condition
		On / Off	-	Available in case of using DDC with contact signal
		-	-	Available in case of using DDC with Modbus or contact signal
		On / Off	On / Off	
		Cooling / Heating	Cooling / Heating	Available in case of using DDC with Modbus or LG Control system
Monitor		Low / Middle / High	Low / Middle / High	
		-	-	
		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	85
Range	kW	2.5 ~ 5.0	5.0 ~ 8.0	6.8 ~ 10.0	10.0 ~ 14.6	20.0	25.0
PAHCMR000		X	0	0	0	0	0
PAHCMS000		X	0	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	PAHCMM000	£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		
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 / Therma 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 & 12V from indoor unit PDB
Voltage / Non Voltage Input		•	•	
On / Off Control	•	•	•	•
Lock / Unlock	•	•	•	
Fan Speed Setting			•	•
Thermo Off		•	•	
Energy Saving		•		
Temperature Setting		•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•

ODU Dry Contact	PQDSBCDVM0	£239.00
-----------------	------------	----------------

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	○	
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	PQRSTAO	£40.00

	MODEL REFERENCE	LIST PRICE £
IO Module	PVDSMN000	£336.00
Water Communication Module	PAHCMW000	£497.00
Remote Temperature Sensor	PQRSTAO	£40.00
Independent Power Module	PRGK024A0	£149.00
IR Receiver	PWLRVN000	£57.00
Refrigerant Leakage Detector	PRLDNVS0	£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-UAHW0	£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-QCHW0	£140.00
Human Detection Sensor	PTVSMAO	£116.00
Auto Elevation grille	PTEGMO	£452.00
Floor Temperature Sensor (Dual Vane)	PTFSMAO	£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



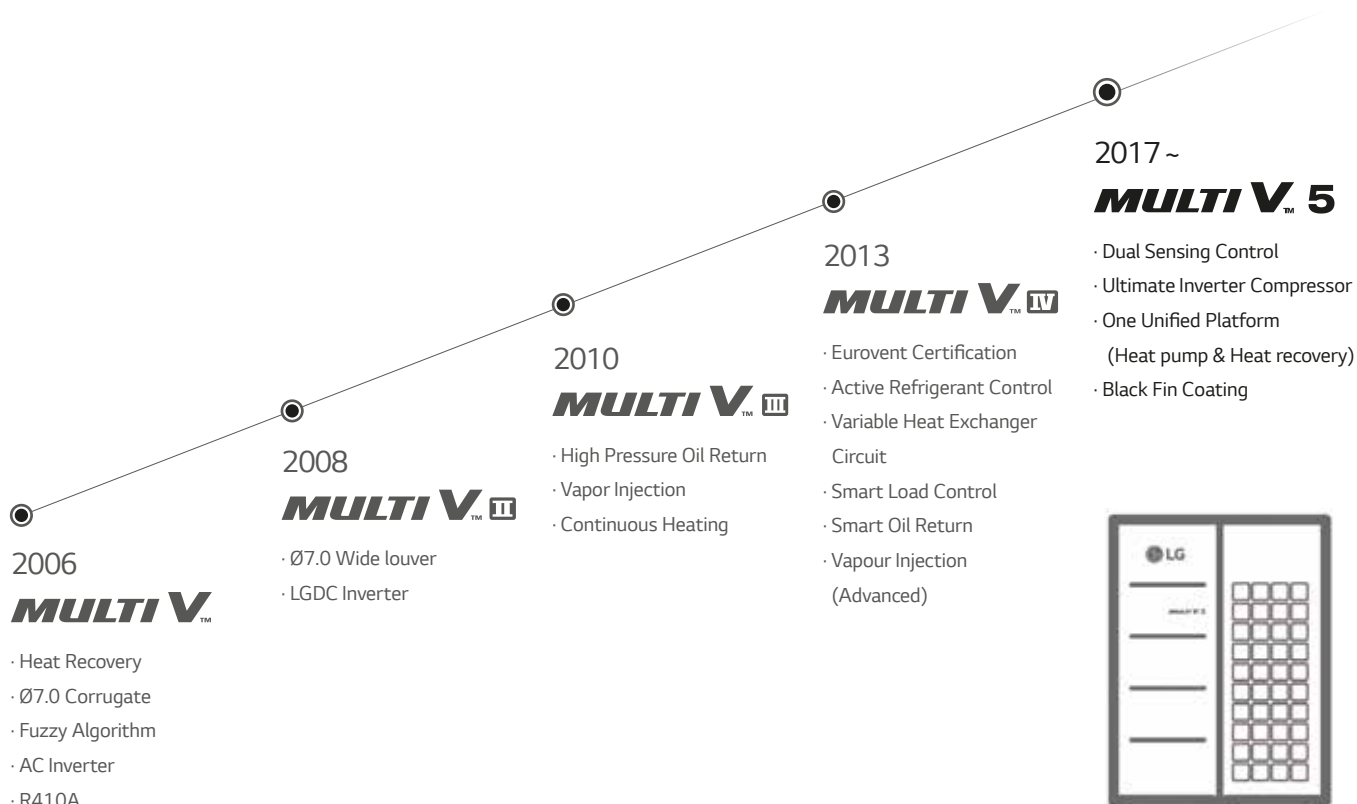


MULTI V™

MULTI V S R32 | MULTI V S HR | MULTI V 5 | MULTI V WATER

MULTI V.5

LG ELECTRONICS MULTI V HISTORY



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. As a result of sustained improvement, LG VRF launched the first generation of MULTI V in 2006. With the best-in-class compressor technology and innovation applied to every part and control solution, Multi V has evolved to be one of the world's most highly energy efficient and reliable VRF solutions.

The first and second generations of Multi V boasted inverter technology and non-ozone depleting technology, while Multi V III was produced with cutting edge tech like oil return with HiPOR™ and double compression features with mid-pressure refrigerant allowed by Vapour Injection. The innovative technologies of Multi V's fourth generation brought about product leadership in efficiency. Its smart load control adjusts with the outdoor temperature, while optimising refrigeration management and heat exchange for both cooling and heating.

Multi V's wide range of VRF solutions satisfies various building types and sizes. Multi V S's size discharge was designed for small to mid-sized buildings while Multi V Water is a water-cooled VRF solution

with variable water flow control technology.

In 2017, the ultimate VRF solution was introduced with Multi V 5.

This generation has fully improved its technological potential with the powerful and reliable yet economical Ultimate Inverter Compressor, effective corrosion resistance with the Black Fin coating and enlarged fans. Dual Sensing Control offers the most pleasant indoor environment while minimising unnecessary energy loss by sensing both temperature and humidity to efficiently manage cooling, heating and part load.












Alongside its wide range of product innovative solutions, LG promises to deliver unparalleled customer support. With many academic training centres across the globe offering excellent hands-on technical product training in fully operational environments.

Instant onsite fault code:




Simply **send your fault code by text to 07860 018690**

LG also provide advanced and highly sophisticated tools for engineers and installers of HVAC systems, such as the LG MV a tool to assist engineers for ease of installation, maintenance and less on-site time and design software LG LATS (LG Air Conditioning Software).

VRF OUTDOOR UNIT LINEUP

TYPE	FEATURES	APPEARANCE	HP	CAPACITY					
				COOLING KW	HEATING KW				
MULTI V S	HEAT PUMP MULTI V S Compact R32 <ul style="list-style-type: none"> Saves floor space Operates on the low GWP R32 refrigerant 300m total pipe run 	 1Ø		4	12.1	14.2			
				5	14.0	16.0			
				6	15.5	18.0			
	HEAT PUMP MULTI V S Compact <ul style="list-style-type: none"> Saves floor space Operates on R410A refrigerant 300m total pipe run 	1Ø		4	12.1	12.5			
				5	14.0	16.0			
				6	15.5	18.0			
				HEAT PUMP MULTI V S <ul style="list-style-type: none"> Saves floor space Flexible design applications <ul style="list-style-type: none"> Slim, light and wide line up (5 ~ 12HP) Combination of indoor unit (Up to 20 Units) For Small / Medium buildings Black Fin coating applied to all outdoor units 300m total pipe run 	3Ø		4	12.1	12.1
							5	14.0	14.0
							6	15.5	15.5
				HEAT RECOVERY MULTI V S <ul style="list-style-type: none"> Highly efficient heat recovery system for buildings where space is a premium 300m total pipe run 	1Ø		6	15.5	18.0
							8	22.4	22.4
							10	28.0	28.0
MULTI V WATER IV	HEAT PUMP and HEAT RECOVERY <ul style="list-style-type: none"> High efficiency system regardless of external conditions Minimising energy cost by water sourced heat recovery Indoor installation product Quiet unit (No fans) For Water sourced system, High rise building 300m total pipe run 	3Ø		10	28.0	28.0			
				14	39.2	39.2			
				20	56.0	56.0			
				16	44.8	50.4			
				18	50.4	56.7			
		3Ø		22	61.6	69.3			
				24	67.2	75.6			
				28	78.4	88.2			
				34	95.2	94.5			
				40	112.0	107.1			
		3Ø		42	117.6	132.3			
				44	123.2	138.6			
				48	134.4	151.2			
				50	140.0	157.2			
				54	151.2	170.1			
60	168.0			189.0					
3Ø		62	173.6	195.3					
		64	179.2	201.6					
		68	190.4	214.2					
		72	196.0	220.5					
3Ø		74	207.2	233.1					
		80	224.0	252.0					
Multi V M	<ul style="list-style-type: none"> Where space is an issue - this is a solution 140m total pipe run 	1Ø		5	14.0	14.0			

VRF OUTDOOR UNIT **UPDATED** LINEUP

TYPE	FEATURES	APPEARANCE	HP	CAPACITY				
				COOLING KW	HEATING KW			
MULTI V 5	<ul style="list-style-type: none"> • Air Cooled VRF • 22.4kW ~ 224.0kW • Dual sensing control • Continuous heating • Black fin coating • Ultimate compressor • Energy saving • Flexible installation • 1000m total pipe run 		8	22.4	22.4			
			10	28.0	28.0			
			12	33.6	33.6			
			14	39.2	39.2			
			16	44.8	44.8			
			18	50.4	50.4			
			20	56.0	56.0			
			22 ¹⁾	61.6	61.6			
			24 ¹⁾	67.2	67.2			
			26 ¹⁾	72.8	72.8			
			28	78.4	78.4			
			30	84.0	84.0			
			32	89.6	89.6			
			34	95.2	95.2			
			36	100.8	100.8			
			38	106.4	106.4			
			40	112.0	112.0			
			MULTI V 5	<ul style="list-style-type: none"> • Energy savings • Reliability • Low noise • Advanced performance 		42	117.6	117.6
						44	123.2	123.2
						46	128.8	128.8
48	134.4	134.4						
50	140.0	140.0						
52	145.6	145.6						
54	151.2	151.2						
56	156.8	156.8						
58	162.4	162.4						
60	168.0	168.0						
MULTI V 5	<ul style="list-style-type: none"> • Energy savings • Reliability • Low noise • Advanced performance 		62	173.6	173.6			
			64	179.2	179.2			
			66	184.8	184.8			
			68	190.4	190.4			
			70	196.0	196.0			
			72	201.6	201.6			
			74	207.2	207.2			
			76	212.8	212.8			
			78	218.4	218.4			
			80	224.0	224.0			

MULTI VTM S

Highlight

- Air cooled VRF Heat pump & Heat Recovery
- 12.1 ~ 33.6kW (Cooling capacity based)
- Both 1Ø, 220 ~ 240V, 50Hz and 3Ø, 380 ~ 415V, 50Hz
- Side discharge outdoor unit
- Includes the industry's first 1Ø Heat Recovery system
- Includes the industry's first R32 side discharge



Energy savings



Reliability

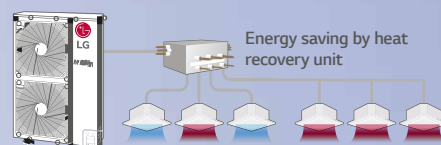


Convenience

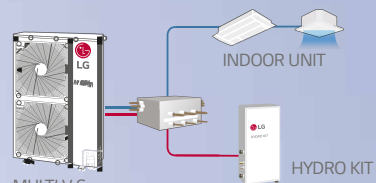


How does it work?

Available in Heat Pump and Heat Recovery Configurations



Combination of Cooling, Heating and Hot Water Solution



MULTI V S Heat Recovery

Heat Pump and Recovery are separated models.



150m (175m)
Longest Piping Length
from ODU - IDU (Equivalent)



50m
Height Difference
between IDU - IDU



15m
Height Difference
between IDU - IDU

TOTAL PIPING LENGTH

300M

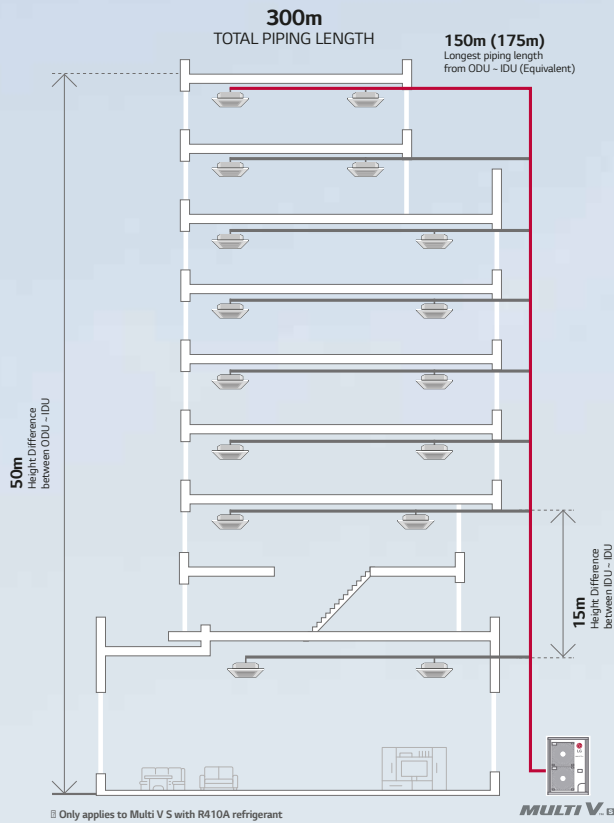


☐ Only applies to Multi V S with R410A refrigerant.

MULTI V S (HEAT PUMP/HEAT RECOVERY)



Piping length



Piping Capabilities

Total Piping Length	300m
Longest piping length (Equivalent)	150m (175m)
Longest piping length after 1st branch (Conditional application)	40m (90m)
Height difference between ODU - IDU	40m* (50m**)
Height difference between IDU - IDU	15m

* In case of outdoor unit installed lower than indoor unit

** In case of outdoor unit installed upper than indoor unit

MULTI V S HEAT RECOVERY

Elevation	Between Indoor Unit and HR Unit	15m
	Between HR Unit and HR Unit	15m
	Between HR Unit and HR Unit within same branch	5m

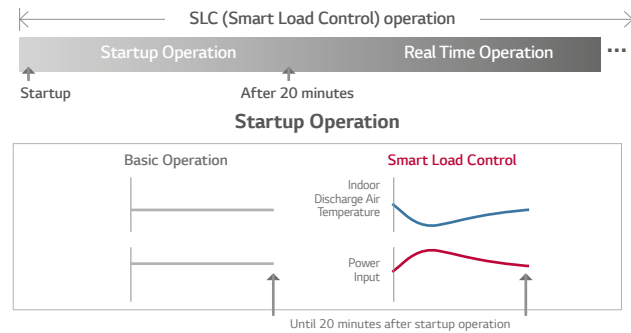
Operation Range

- Heating : -20 ~ 18°C WB
- Cooling : -5 ~ 43°C DB

Smart Load Control Applied

MULTI V S changes indoor discharge air temperature continuously according to load, to save energy.

Smart load control is possible with Remote controller PTMTB100 (White) /PREMTBB10 (Black)

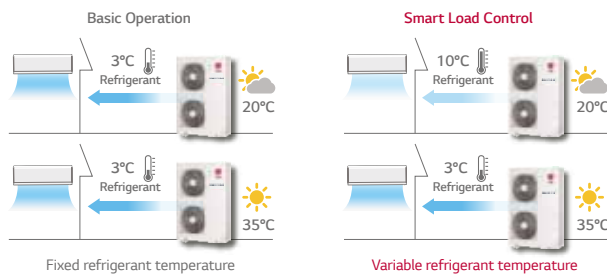


Indoor air discharge temperature

- Energy efficiency increased by 3-step Smart Load Control during startup phase
- Discharge air temperature adjusted according to outdoor and indoor temperature
- Comfort level in cooling / heating operations ensured

Max 10% Energy saving

Real Time Operation



Max 13% Energy saving

Set up by dip switch in the outdoor unit (Refer to Product Data Book) Factory default setting is Off. ESEER (European seasonal energy efficiency Ratio) conditions based on 15.5kW unit

- Outdoor temperature condition : EER 100% / 75% / 50% / 25% = 35°C (DB) / 30°C (DB) / 25°C (DB) / 20°C (DB)
- Indoor temperature condition : 27°C (DB) / 19°C (WB)

MULTI V S R32

LG Multi V S achieves high efficiency through use of the biomimetic fan and LG's revolutionary scroll compressor

EER 3.65
COP 4.10

VS

EER 4.20
COP 5.15

15% ↑
25% ↑



□ The values based on 5HP model

Compact Size and Light Weight



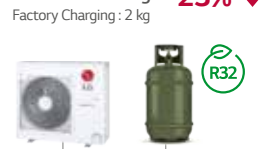
23% ↓
Light Weight

Less Refrigerant Charge

Total amount : 5.6 kg
Factory Charging : 3 kg

Total amount : 4.3 kg
Factory Charging : 2 kg

23% ↓



Previous

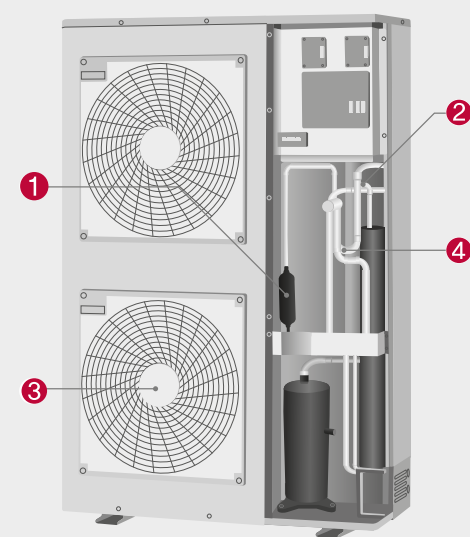
New

This result can be different depending on actual environment.

RELIABILITY

Reliable Refrigerant Components

LG technology allows for superior performance and component durability

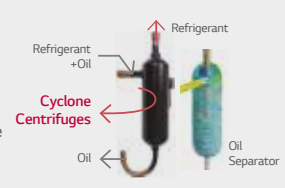


MULTI V S improved reliability with advanced technology:

- Oil separator
- Accumulator
- Sub-cooling


Cyclonic Oil Separator

- Highly reliable and efficient oil separation by centrifuge using cyclonic methods
- High collection efficiency as well as outstanding resistance to high temperature and pressure



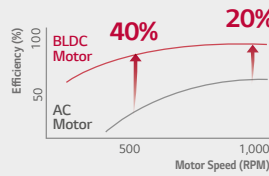
Large Volume Accumulator

- Improved reliability by adopting the large volume accumulator (38% volume up compared to conventional)
- Prevents the liquid refrigerant entering the compressor suction
- Maximise efficiency by optimal amount of refrigerant
- Protects compressor breakdown to increase product lifetime



BLDC Fan Motor

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

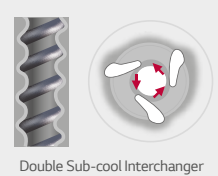


Motor Speed (RPM)	BLDC Motor Efficiency (%)	AC Motor Efficiency (%)
500	~90	~50
1,000	~95	~75

Double Sub-cool Interchanger

- Reliability is enhanced by minimising pressure drop due to high efficiency spiral structure and 2 times larger size
- Long pipe is possible (up to* 175m) and high elevation (up to* 50m)
- Reduction of indoor refrigerant noise level

* Based on equivalent pipe length



MULTI V S Heat Recovery

Energy Savings

Energy consumption can be reduced as indoor heat is absorbed and transferred to hot water supply.

MULTI V S Heat Recovery with HYDRO KIT

Absorbed heat from indoor space is used for the production of domestic hot water.



MULTI V S HEAT PUMP - R32



ZRUN040GSS0 / ZRUN050GSS0
ZRUN060GSS0



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

Model Name		ZRUN040GSS0	ZRUN050GSS0	ZRUN060GSS0
Capacity	Cooling (Rated) kW	12.1	14.0	15.5
	Heating (Rated) kW	12.1	14.0	15.5
	Heating (Max) kW	14.2	16.0	18.0
Input	Cooling (Rated) kW	3.43	3.33	3.97
	Heating (Rated) kW	2.30	2.72	3.23
	Heating (Max) kW	2.93	3.48	4.29
EER (Rated)		3.53	4.20	3.90
SEER		8.10	8.70	8.50
COP (Rated)		5.26	5.15	4.80
COP (Max)		4.84	4.60	4.20
SCOP		4.70	4.80	5.00
Exterior	Colour	Warm Gray	Warm Gray	Warm Gray
	RAL Code	RAL 7044	RAL 7044	RAL 7044
Heat Exchanger		Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin
Compressor	Type	LG Inverter Scroll (R1)	LG Inverter Scroll (R1)	LG Inverter Scroll (R1)
	Combination x No.	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number W x No.	3,198 x 1	3,198 x 1	3,198 x 1
	Oil Type	FW68D	FW68D	FW68D
	Oil Charge cc	1,100	1,100	1,100
Fan	Type	Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number W x No.	124 x 1	200 x 1	200 x 1
	Air Flow Rate (High) m ³ /min x No.	60 x 1	80 x 1	80 x 1
	Drive	DC INVERTER	DC INVERTER	DC INVERTER
Pipe Connection	Discharge	Side / Top	Side	Side
	Liquid Pipe mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)		(950 x 834 x 330) x 1	(950 x 834 x 330) x 1	(950 x 834 x 330) x 1
Dimensions (W x H x D) - Shipping		(1,147 x 919 x 461) x 1	(1,147 x 919 x 461) x 1	(1,147 x 919 x 461) x 1
Net Weight kg x No.		64.7 x 1	71.6 x 1	71.6 x 1
Shipping Weight kg x No.		73.7 x 1	79.6 x 1	79.6 x 1
Sound Pressure Level	Cooling dB(A)	50	51	52
	Heating dB(A)	52	53	54
Sound Power Level	Cooling dB(A)	67	70	71
	Heating dB(A)	71	74	75
Communication Cable mm ² x No. (VCTF-SB)		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant name	R32	R32	R32
	Precharged Amount kg	1.5	2.0	2.0
	t-CO ₂ eq	1.01	1.35	1.35
	Control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply Ø, V, Hz		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Number of maximum connectable indoor units		8	10	13
List Price £		£2,896.00	£3,150.00	£3,399.00

Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.

4. Performances are based on the following conditions :

- Cooling : Indoor Ambient Temp 27°CDB / 19°CWB, Outdoor Ambient Temp 35°CDB / 24°CWB
 - Heating : Indoor Ambient Temp 20°CDB / 15°CWB, Outdoor Ambient Temp 7°CDB / 6°CWB
 - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor - Indoor Unit) is 0m.
5. EUROVENT Test Condition :
- Performance values on the this PDB are based on Ceiling mounted cassette combination.
 - Refer to EUROVENT web site(www.eurovent-certification.com) for other indoor unit combination and more detail test conditions.
6. The maximum combination ratio is 160%.
7. This product contains Fluorinated greenhouse gases.

MULTI V S HEAT PUMP - R410A

ARUN040GSS0 / ARUN050GSS0
ARUN060GSS0



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

COMPACT RANGE

Model Name			ARUN040GSS0	ARUN050GSS0	ARUN060GSS0
			SINGLE FAN UNIT	TWIN FAN UNIT	
Capacity	Cooling (Rated)	kW	12.1	14.0	15.5
	Heating (Rated)	kW	12.5	16.0	18.0
Input	Cooling (Rated)	kW	3.78	3.33	3.97
	Heating (Rated)	kW	2.10	2.77	3.40
EER			3.20	4.20	3.90
SEER			5.98	6.56	6.65
COP	Rated Capacity		5.9	5.77	5.30
SCOP			5.15	5.23	5.19
Exterior	Colour (General)		Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic)		RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin
	Type		BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,000 x 1	4,000 x 1	4,000 x 1
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	1,300	1,300	1,300
Fan	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
	Motor Output x Number	W x No.	124 x 1	124 x 2	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	60 x 1	110 x 1	110 x 1
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)	mm x No.	(950 x 834 x 330) x 1	(950 x 1,380 x 330) x 1	(950 x 1,380 x 330) x 1	
Dimensions (W x H x D) - Shipping	mm x No.	(1,065 x 918 x 461) x 1	(1,140 x 1,462 x 461) x 1	(1,140 x 1,462 x 461) x 1	
Net Weight	kg x No.	70 x 1	94 x 1	94 x 1	
Shipping Weight	kg x No.	77 x 1	106 x 1	106 x 1	
Sound Pressure Level	Cooling	dB(A)	50.0	51.0	52.0
	Heating	dB(A)	52.0	53.0	54.0
Sound Power Level	Cooling	dB(A)	72.0	72.0	72.0
	Heating	dB(A)	76.0	76.0	77.0
Communication Cable	mm ² x No. (VCTF-SB)		1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in factory	kg	1.8	3.0	3.0
	t-CO ₂ eq		3.8	6.3	6.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Number of Maximum Connectable Indoor Units			8	10	13
List Price	£		£2,896.00	£3,348.00	£3,742.00

Note

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
 - Refer to EUROVENT certification regulation for more detail test conditions.
 - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
 - Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
 - Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 160%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V S HEAT PUMP

ARUN040LSS0 / ARUN050LSS0
ARUN060LSS0



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

HP			4	5	6
Model Name			ARUN040LSS0	ARUN050LSS0	ARUN060LSS0
Capacity	Cooling (Rated)	kW	12.1	14.0	15.5
	Heating (Rated)	kW	12.5	16.0	18.0
Input	Cooling (Rated)	kW	2.37	3.33	3.97
	Heating (Rated)	kW	1.93	2.77	3.40
EER			5.10	4.20	3.90
SEER			6.46	6.56	6.65
COP Rated Capacity			6.49	5.77	5.30
SCOP			5.02	5.23	5.19
Exterior	Colour (General)		Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic)		RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin
	Type		BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary	BLDC Inverter Twin Rotary
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,000 x 1	4,000 x 1	4,000 x 1
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	1,300	1,300	1,300
	Type		Axial Flow Fan	Axial Flow Fan	Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 2	124 x 2	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	110 x 1	110 x 1	110 x 1
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø19.05 (3/4)
Dimensions (W x H x D)			(950 x 1,380 x 330) x 1	(950 x 1,380 x 330) x 1	(950 x 1,380 x 330) x 1
Dimensions (W x H x D) - Shipping			(1,140 x 1,462 x 461) x 1	(1,140 x 1,462 x 461) x 1	(1,140 x 1,462 x 461) x 1
Net Weight			96 x 1	96 x 1	96 x 1
Shipping Weight			108 x 1	106 x 1	106 x 1
Sound Pressure Level	Cooling	dB(A)	50.0	51.0	52.0
	Heating	dB(A)	52.0	53.0	54.0
Sound Power Level	Cooling	dB(A)	72.0	72.0	72.0
	Heating	dB(A)	76.0	76.0	77.0
Communication Cable			1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in factory	kg	3.0	3.0	3.0
	t-CO ₂ eq		6.3	6.3	6.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply			Ø, V, Hz	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units				8	10
List Price			£	£3,286.00	£3,689.00
					£4,120.00

Note

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
 - Refer to EUROVENT certification regulation for more detail test conditions.
 - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
 - Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
 - Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 160%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V S HEAT PUMP

ARUN080LSS0 / ARUN100LSS0
ARUN120LSS0



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

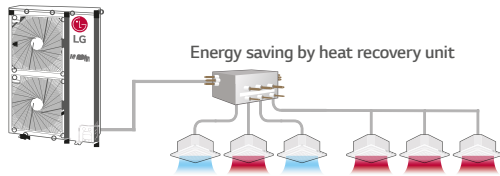
HP			8	10	12
Model Name			ARUN080LSS0	ARUN100LSS0	ARUN120LSS0
Capacity	Cooling (Rated)	kW	22.4	28.0	33.6
	Heating (Rated)	kW	24.5	30.6	36.7
Input	Cooling (Rated)	kW	8.30	8.75	14.00
	Heating (Rated)	kW	6.62	8.12	7.46
EER			2.70	3.20	2.40
SEER			6.03	6.59	5.72
COP Rated Capacity			3.70	3.77	4.92
SCOP			4.33	4.17	3.86
Exterior	Colour (General)		Warm Gray	Warm Gray	Warm Gray
	RAL Code (Classic), General		RAL 7044	RAL 7044	RAL 7044
Heat Exchanger	Type		Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin	Wide Louver Plus / Black Fin
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	5,300 x 1
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	2,400	2,600	3,400
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	124 x 2	250 x 2	250 x 2
	Air Flow Rate (High)	m ³ /min x No.	140 x 1	190 x 1	190 x 1
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	Side	Side	Side
Pipe Connection	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)			(950 x 1,380 x 330) x 1	(1,090 x 1,625 x 380) x 1	(1,090 x 1,625 x 380) x 1
Dimensions (W x H x D) - Shipping			(1,140 x 1,462 x 461) x 1	(1,215 x 1,795 x 500) x 1	(1,215 x 1,795 x 500) x 1
Net Weight			115 x 1	144 x 1	157 x 1
Shipping Weight			127 x 1	160 x 1	173 x 1
Sound Pressure Level	Cooling	dB(A)	57.0	58.0	60.0
	Heating	dB(A)	57.0	58.0	60.0
Sound Power Level	Cooling	dB(A)	81.0	80.0	81.0
	Heating	dB(A)	84.0	84.0	85.0
Communication Cable			1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in factory	kg	3.5	4.5	6.0
	t-CO ₂ eq		7.3	9.4	12.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply			Ø, V, Hz	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units				13	16
List Price			£	£4,347.00	£4,752.00
					£5,458.00

Note

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
 - Refer to EUROVENT certification regulation for more detail test conditions.
 - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
 - Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
 - Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 160%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, GWP(Global warming potential) = 2087.5)

MULTI V S HEAT RECOVERY

ARUB060GSS4



Black Fin

1st



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

MODEL NAME		ARUB060GSS4	
Capacity	Cooling (Rated)	kW	15.5
	Heating (Rated)	kW	18.0
Input	Cooling (Rated)	kW	3.97
	Heating (Rated)	kW	4.10
EER			3.90
SEER			6.84
COP	Rated Capacity		4.39
SCOP			4.38
Exterior	Colour		Warm Gray
	RAL Code (Classic)		RAL 7044
Heat Exchanger	Type		Wide Louver Plus
	Type		Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1
	Oil Type		FVC68D (PVE)
	Oil Charge	cc	1,700
	Type		Axial Flow Fan
Fan	Motor Output x Number	W x No.	124 x 2
	Air Flow Rate (High)	m ³ /min x No.	110 x 1
	Drive		DC INVERTER
	Discharge	Side / Top	Side
	Pipe Connection #1	Liquid Pipe	mm (inch)
	Low Pressure Gas Pipe	mm (inch)	Ø19.05 (3/4)
	High Pressure Gas Pipe	mm (inch)	Ø15.88 (5/8)
Dimensions (W x H x D)		mm x No.	(950 x 1,380 x 330) x 1
Dimensions (W x H x D) - shipping		mm x No.	(1,140 x 1,549 x 466) x 1
Net Weight		kg x No.	118 x 1
Shipping Weight		kg x No.	132 x 1
Sound Pressure Level	Cooling	dB(A)	56.0
	Heating	dB(A)	58.0
Sound Power Level	Cooling	dB(A)	76.0
	Heating	dB(A)	78.0
Communication Cable		mm ² x No. (VCTF-SB)	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A
	Precharged Amount in factory	kg	3.5
	t-CO ₂ eq		7.3
	Control		Electronic Expansion Valve
Power Supply		Ø, V, Hz	1, 220-240, 50
Number of Maximum Connectable Indoor Units			13
List Price		£	£4,539.00

Note

- Eurovent Test Condition : Type of indoor unit connected is only Ceiling Concealed Duct.
- Refer to EUROVENT certification regulation for more detail test conditions - Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions :
- Cooling Temperature : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB / Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB
- Heating Temperature : Indoor 20°C (68°F) DB / 15°C (59°F) WB / Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB
- The maximum combination ratio is 1:60%.
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard. Therefore, these values can be increased owing to ambient conditions during operation.
- Power factor could vary less than ±1% according to the operating conditions.
- This product contains Fluorinated greenhouse gases. (R410A, Global warming potential = 2087.5)

INNOVATIVE TECHNOLOGIES

Dual Sensing Smart Load Control (SLC)

Enhanced energy saving & increased indoor comfort

Cooling loads vary according to both temperature and humidity. With Dual Sensing SLC, work exerted to meet the load depends on both temperature and humidity. As a result, less capacity will be required in lower humidity conditions.

It influences the VRF system main processor's decision on where to set the system's target high or low system pressure values.

Smart Load Control responds to :

- 1) Outdoor ambient dry bulb temperature
- 2) Outdoor ambient relative humidity (when enabled)

Cooling Indoor Units - adjusts target low pressure

Raises the target low pressure value as cooling load falls and/or ambient temperature falls. Lowers the target low pressure value as cooling load rises and/or ambient temperature rises.

Heating Indoor Units - adjusts target high pressure

Lowers the target high pressure as heating load falls and/or ambient temperature rises. Raises the target high pressure as heating load rises and/or ambient temperature falls.

What are the benefits?

Enhanced energy savings

- Cooling Mode

By raising the target low pressure during off-peak cooling operation, the compressor lift is reduced. This slows compressor's speed which leads to a decrease in compressor's power consumption.

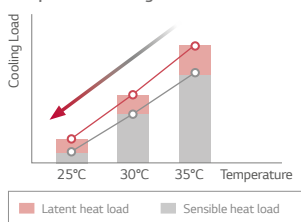
- Heating Mode

By lowering the target high pressure during off-peak heating operation, the compressor lift is reduced. This slows compressor's speed which leads to a decrease in compressor's power consumption.

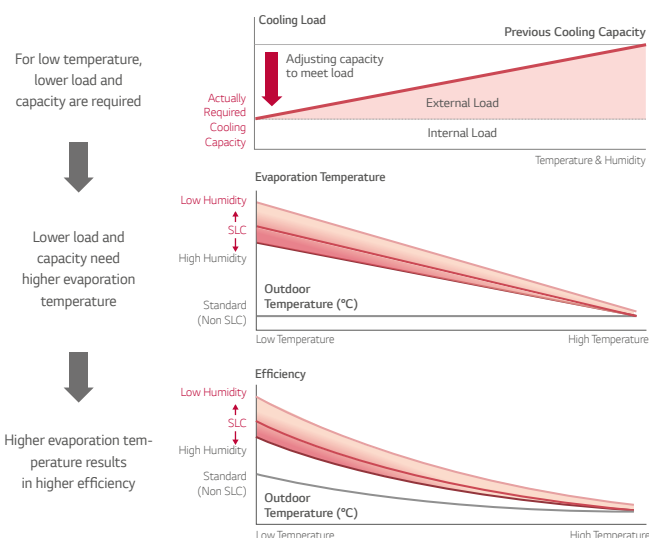
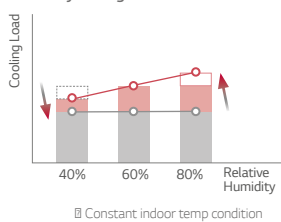
Increased indoor comfort

Smart Load Control uses one (or two) sensors to measure changing outdoor weather conditions and prepares the VRF system for operation under the revised weather conditions before changing conditions impact indoor comfort.

Cooling load according to temperature change



Cooling load according to humidity change



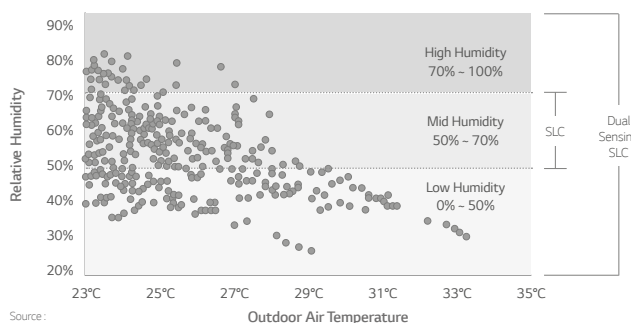
Energy Savings with Dual Sensing Control (Temperature & Humidity)

Case study

Weather characteristics of Warsaw, Poland

The portion of cooling operation hours at low humidity condition (Below 50% RH) is big. The cooling load of this condition is less than the load at standard (50 ~ 70% RH) or high (over 70% RH) humidity condition even in the same outdoor air temperature. MULTI V 5 raises the evaporating Temp up at low load (Low humidity) condition to enable energy saving and prevent over-cooling which can happen when the system is controlled only by using outdoor air Temp.

Warsaw weather in Summer

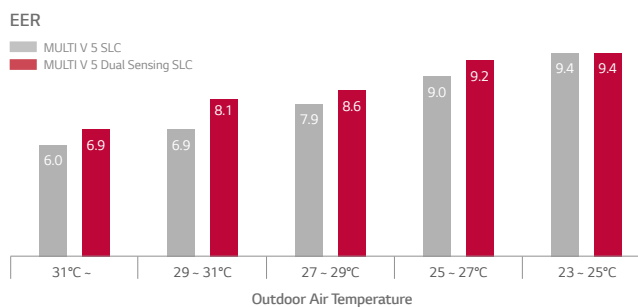


Time Portion of Relative Humidity in Summer (Warsaw, Poland)

RH (%)	Portion
70% ~ 100%	8%
50% ~ 70%	45%
0% ~ 50%	47%

Energy Consumption in Cooling Season

When we compared the energy consumption between SLC (Outdoor air Temp sensing only) and Dual sensing SLC (Outdoor air Temp and humidity sensing), Dual sensing SLC control can save 6% more energy compared to SLC. So dual sensing control is more efficient than SLC.



This energy simulation was performed in LG internally based on 16HP model.

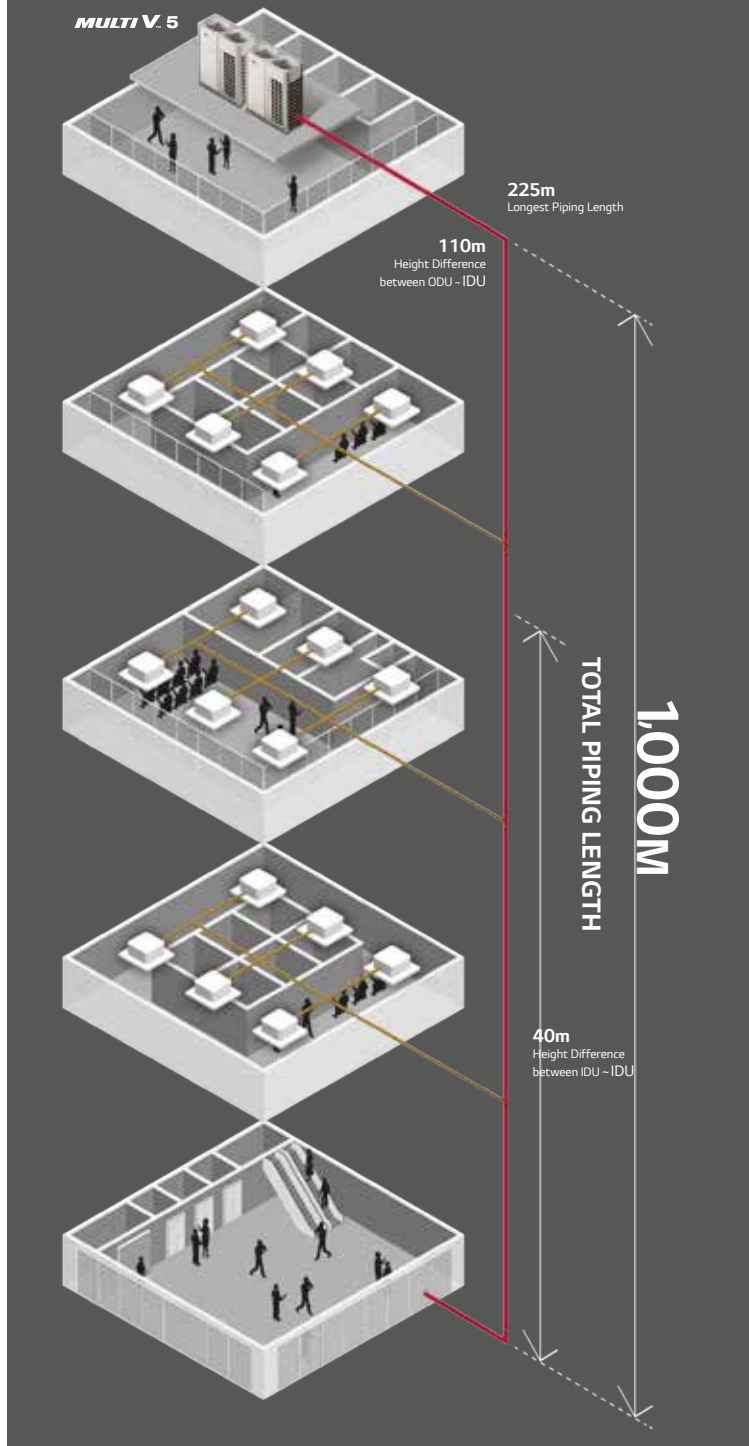
Power Consumption in Cooling Season

Yearly Power Input (kWh) - ODU

OAT	MV4 (Fixed)	MV5 SLC	MV5 Dual SLC
31 ~	17	15	13
29 - 31	91	73	62
27 - 29	183	136	124
25 - 27	243	170	165
23 - 25	155	110	109
Total	690 (137%)	503 (100%)	474 (94%)

6% more energy saving compared to SLC

MULTI V 5 offers best in class piping lengths, which results in a more flexible installation design.



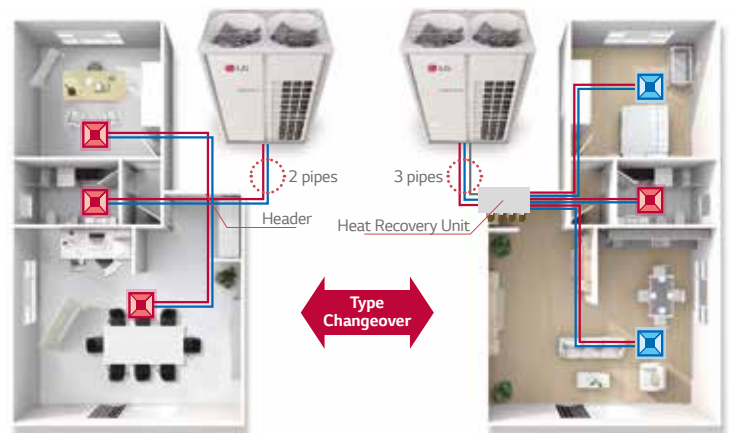
Total Piping Length	1,000m
Actual longest piping length (Equivalent)	200m (225m)
Longest piping length after 1 st branch (conditional application)	40m (90m)
Height between ODU ~ IDU	110m
Height between IDU ~ IDU	40m
Height between ODU ~ ODU	5m
Height between Indoor Unit and HR Unit	15m
Height between HR Unit and HR Unit	15m
Height between HR Unit and HR Unit within same branch	5m

* Equivalent length includes y branches and header equivalent lengths

Applicable for Various Building Types

Heat Pump Systems work for applications where either cooling or heating operation is needed. Heat Recovery System work for applications where both cooling and heating operations are simultaneously needed or locations installed with Hot Water Solution. MULTI V 5 allows the building previously installed with a Heat Pump System to switch to a Heat Recovery System for changing purpose of the building or remodeling reasons via a simple piping construction.

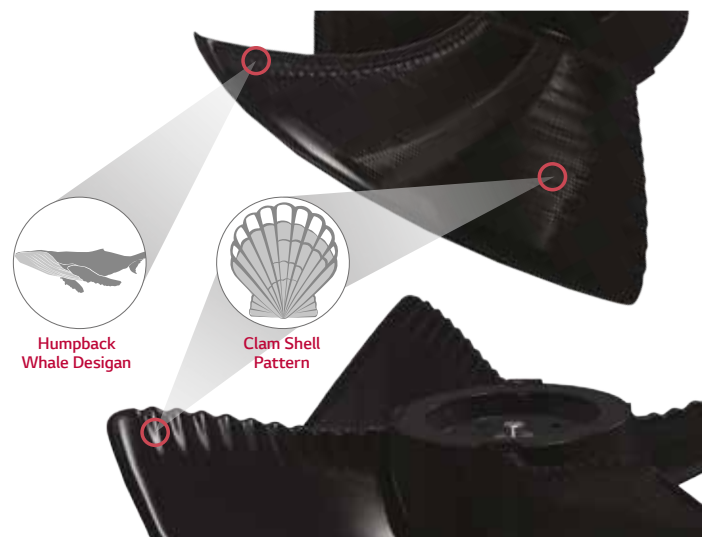
Simple Piping System Changes



Larger Capacity Outdoor Unit

The moire pattern from the external texture of clam shells has been applied on fans to create the range difference which results in the reduction of noise level.

At the same time, unlike the fans installed in previous Multi V products that generated separation of flow due to absence of tubercles, the bumpy back design inspired by the bumps on the humpback whale's flipper has been applied as the tubercles on the back side of the fans, increasing wind power.



INNOVATIVE TECHNOLOGIES

Comfort Cooling

Increased indoor comfort & enhanced operating efficiency

First reference use Indoor Unit (IDU) is operating in a season when its load is less than the design load, the comfort cooling algorithm controls the indoor unit's coil superheat, thus raising the discharged air temperature as the space temperature is approaching set point. MULTI V 5's comfort control algorithm monitors the outdoor air temperature and humidity conditions. When changing weather conditions are deteriorating and there is a high potential the indoor unit's load will remain stable or may increase, comfort cooling delays or abandons raising the target superheat as the room temperature approaches set-point. When changing weather conditions are favourable to raising target superheat, target superheat is moderated.

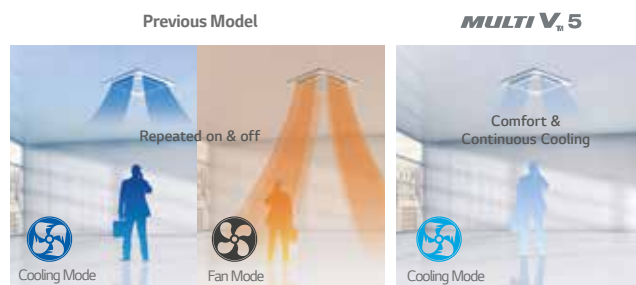
What are the benefits?

Increased indoor comfort

If comfort cooling is turned off, and the temperature of the leaving air is not raised, when the fan speed is reduced to low speed, there is a potential that occupants located directly under a cassette IDU or supply air registers could feel cold air falling on them resulting in a lower overall comfort experience. With comfort cooling turned on, the discharged air temperature is controlled. When the IDU controller reduces the fan speed, the potential for cold air falling on occupants located under the cassette IDU or supply air registers is reduced.

Enhanced operating efficiency

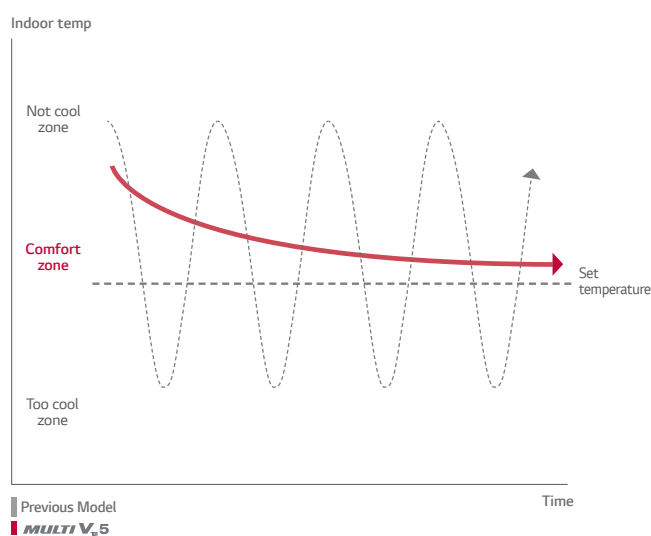
Raising superheat reduces refrigerant volume flowing through the coil. As flow decreases, demand on the compressor decreases and the compressor speed will be reduced, thus saving energy.



Ⓜ Indoor unit set up available with Standard III Remote Controller

Preventing cold draft & repeated turn On / Off

Improved Indoor Comfort



Previous Model
MULTI V 5

Intelligent Defrost

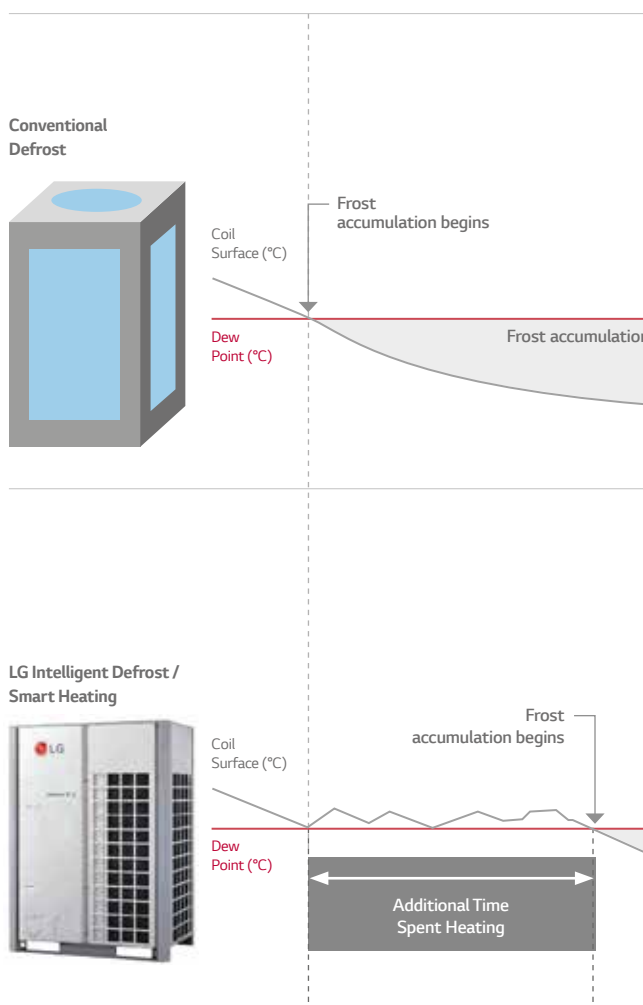
Increased heating run-hours

MULTI V has provided an intelligent defrost algorithm and settings based on current outdoor ambient temperature. With the addition of the outdoor air humidity sensor, MULTI V 5 Intelligent Defrost just got smarter.

MULTI V 5 computes the current ambient air dew point temperature - the temperature at which frost will form on the outdoor unit coil in during winter operation. MULTI V 5 makes continuous adjustments to the refrigeration cycle's operating parameters to keep the outdoor coil surface temperature above actual dew point which can be calculated by using dry bulb Temp and relative humidity. When the refrigeration cycle's operating parameters can be adjusted no further without sacrificing heating comfort, further adjustment is stopped and frost is allowed to build on the coil, therefore activating defrost.

What are the benefits?

The Intelligent Defrost algorithm increases the VRF system's heating run-hours and reduces the number of defrost cycles required to maintain optimum heating performance irrelevant of the mode and method of defrost selected.



- Ⓜ Increased heating operation time per day : Up to 17%
- LG Internal Test result,
- Test condition (MULTI V 5 vs MULTI V IV, 22HP)
- Outdoor : 2/1Ⓜ , Indoor : 20/15Ⓜ
- Humidity : 83% , Dew Point : -0.5Ⓜ

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



MULTI V 5 INDEPENDENT UNITS

ARUM080LTE5 / ARUM100LTE5
ARUM120LTE5 / ARUM140LTE5



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

HP			8	10	12	14
Model Name	Combination Unit		ARUM080LTE5	ARUM100LTE5	ARUM120LTE5	ARUM140LTE5
	Independent Unit		ARUM080LTE5	ARUM100LTE5	ARUM120LTE5	ARUM140LTE5
Capacity	Cooling (Rated)	kW	22.4	28.0	33.6	39.2
	Heating (Rated)	kW	22.4	28.0	33.6	39.2
	Heating (Max)	kW	25.2	31.5	37.8	44.1
Input	Cooling (Rated)	kW	7.02	9.30	12.01	12.98
	Heating (Rated)	kW	5.63	6.45	8.00	8.85
EER			3.19	3.01	2.80	3.02
SEER			7.90	7.80	7.71	8.22
COP	Rated Capacity		3.98	4.34	4.20	4.43
SCOP			4.36	4.39	4.84	4.97
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	5,300 x 1	5,300 x 1	5,300 x 1
	Oil Type		FW68D	FW68D	FW68D	FW68D
	Oil Charge	cc	3,900	3,900	3,900	3,900
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	1,200 x 1	1,200 x 1	1,200 x 1	900 x 2
	Air Flow Rate (High)	m ³ /minxNo.	240 x 1	240 x 1	240 x 1	320 x 1
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Low Pressure Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	High Pressure Gas Pipe	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)	mm x No.	(930 x 1,690 x 760) x 1	(930 x 1,690 x 760) x 1	(930 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	
Dimensions (W x H x D) - Shipping	mm x No.	(960 x 1,825 x 796) x 1	(960 x 1,825 x 796) x 1	(960 x 1,825 x 796) x 1	(1,280 x 1,825 x 796) x 1	
Net Weight	kg x No.	198 x 1	215 x 1	215 x 1	237 x 1	
Shipping Weight	kg x No.	208 x 1	225 x 1	225 x 1	250 x 1	
Sound Pressure Level	Cooling	dB(A)	58.0	58.0	59.0	60.0
	Heating	dB(A)	59.0	59.0	60.0	61.0
Sound Power Level	Cooling	dB(A)	79.0	80.0	81.0	82.0
	Heating	dB(A)	79.0	80.0	83.0	82.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5	2C x 1.0 ~ 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	7.5	9.5	9.5	13.5
	t-CO ₂ eq		15.656	19.831	19.831	28.181
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			13 (20)	16 (25)	20 (30)	23 (35)
List Price	£		£6,346.00	£6,973.00	£8,455.00	£9,780.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 INDEPENDENT UNITS

ARUM160LTE5 / ARUM180LTE5
ARUM200LTE5 / ARUM221LTE5



2)



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

HP			16	18	20	21
Model Name	Combination Unit		ARUM160LTE5	ARUM180LTE5	ARUM200LTE5	ARUM221LTE5
	Independent Unit		ARUM160LTE5	ARUM180LTE5	ARUM200LTE5	ARUM120LTE5 ARUM100LTE5
Capacity	Cooling (Rated)	kW	44.8	50.4	56.0	61.6
	Heating (Rated)	kW	44.8	50.4	56.0	61.6
	Heating (Max)	kW	50.4	56.7	63.0	69.3
Input	Cooling (Rated)	kW	17.23	14.82	18.06	21.31
	Heating (Rated)	kW	10.59	10.90	13.02	14.45
EER			2.60	3.40	3.10	2.89
SEER			7.74	8.50	8.17	7.76
COP	Rated Capacity		4.23	4.62	4.30	4.26
SCOP			5.30	4.67	4.98	4.61
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 1	(Inverter) x 2	(Inverter) x 2	(Inverter) x 2
	Motor Output x Number	W x No.	5,300 x 1	(5,300 x 1) + (4,200 x 1)	(5,300 x 1) + (4,200 x 1)	5,300 x 2
	Oil Type		FW68D	FW68D	FW68D	FW68D
	Oil Charge	cc	3,900	5,200	5,200	7,800
Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	900 x 2	900 x 2	900 x 2	(1200 x 1) + (1,200 x 1)
	Air Flow Rate (High)	m ³ /minxNo.	320 x 1	320 x 1	320 x 1	(240 x 1) + (240 x 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Low Pressure Gas Pipe	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	High Pressure Gas Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø28.58 (1-1/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Gas Pipe	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Dimensions (W x H x D)	mm x No.		(1,240 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	(1,240 x 1,690 x 760) x 1	((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)
Dimensions (W x H x D) - Shipping	mm x No.		(1,280 x 1,825 x 796) x 1	(1,280 x 1,825 x 796) x 1	(1,280 x 1,825 x 796) x 1	((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)
Net Weight	kg x No.		237 x 1	300 x 1	300 x 1	(215 x 1) + (215 x 1)
Shipping Weight	kg x No.		250 x 1	312 x 1	312 x 1	(225 x 1) + (225 x 1)
Sound Pressure Level	Cooling	dB(A)	60.5	61.0	62.0	61.5
	Heating	dB(A)	61.5	62.0	64.5	63.0
Sound Power Level	Cooling	dB(A)	86.0	87.0	87.0	84.0
	Heating	dB(A)	86.0	87.0	90.0	85.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	13.5	16.0	16.0	19.0
	t-CO ₂ eq		28.181	33.400	33.400	39.663
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			26 (40)	29 (45)	32 (50)	35 (44)
List Price	£		£11,526.00	£12,919.00	£14,357.00	£15,428.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

2) Applying to 16, 18, 20HP outdoor units only.

MULTI V 5 COMBINATION UNITS

ARUM241LTE5 / ARUM261LTE5
ARUM280LTE5 / ARUM300LTE5



HP		24	26	28	30	
Model Name	Combination Unit	ARUM241LTE5	ARUM261LTE5	ARUM280LTE5	ARUM300LTE5	
	Independent Unit	ARUM120LTE5 ARUM120LTE5	ARUM140LTE5 ARUM120LTE5	ARUM160LTE5 ARUM120LTE5	ARUM180LTE5 ARUM120LTE5	
Capacity	Cooling (Rated)	67.2	72.8	78.4	84.0	
	Heating (Rated)	67.2	72.8	78.4	84.0	
	Heating (Max)	75.6	81.9	88.2	94.5	
Input	Cooling (Rated)	24.02	24.99	29.24	26.83	
	Heating (Rated)	16.00	16.85	18.59	18.90	
EER		2.80	2.91	2.68	3.13	
SEER		7.71	7.97	7.72	8.16	
COP	Rated Capacity	4.20	4.32	4.22	4.44	
SCOP		4.84	4.91	5.08	4.73	
Exterior	Color	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	
	RAL Code	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	
Heat Exchanger	Type	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	
Compressor	Type	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	
	Combination x No.	(Inverter) x 2	(Inverter) x 2	(Inverter) x 2	(Inverter) x 3	
	Motor Output x Number	W x No.	5,300 x 2	5,300 x 2	5,300 x 2	(5,300 x 2) + (4,200 x 1)
	Oil Type		FW68D	FW68D	FW68D	FW68D
	Oil Charge	cc	7,800	7,800	7,800	9,100
Fan	Type	Propeller fan	Propeller fan	Propeller fan	Propeller fan	
	Motor Output x Number	W x No.	(1,200 x 1) + (1,200 x 1)	(900 x 2) + (1,200 x 1)	(900 x 2) + (1,200 x 1)	(900 x 2) + (1,200 x 1)
	Air Flow Rate (High)	m ³ /minxNo.	(240 x 1) + (240 x 1)	(320 x 1) + (240 x 1)	(320 x 1) + (240 x 1)	(320 x 1) + (240 x 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
	High Pressure Gas Pipe	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Dimensions (W x H x D)	mm x No.	((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(215 x 1) + (215 x 1)	(237 x 1) + (215 x 1)	(237 x 1) + (215 x 1)	(300 x 1) + (215 x 1)	
Shipping Weight	kg x No.	(225 x 1) + (225 x 1)	(250 x 1) + (225 x 1)	(250 x 1) + (225 x 1)	(312 x 1) + (225 x 1)	
Sound Pressure Level	Cooling	dB(A)	62.0	63.0	63.0	63.0
	Heating	dB(A)	63.0	64.0	64.0	64.0
Sound Power Level	Cooling	dB(A)	84.0	85.0	87.0	88.0
	Heating	dB(A)	86.0	86.0	88.0	88.0
Communication Cable	m m ² x No. (VCTF-SB)	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	
Refrigerant	Refrigerant Name		R410A	R410A	R410A	
	Precharged Amount in Factory	kg	19.0	23.0	23.0	25.5
	t-CO ₂ eq		39.663	48.013	48.013	53.231
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	
Number of Maximum Connectable Indoor Units ¹⁾		39 (48)	42 (52)	45 (56)	49 (60)	
List Price	£	£16,910.00	£18,235.00	£19,981.00	£21,374.00	

¹⁾ Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM320LTE5 / ARUM340LTE5
ARUM360LTE5 / ARUM380LTE5



HP		32	34	36	38	
Model Name	Combination Unit	ARUM320LTE5	ARUM340LTE5	ARUM360LTE5	ARUM380LTE5	
	Independent Unit	ARUM200LTE5 ARUM120LTE5	ARUM200LTE5 ARUM140LTE5	ARUM200LTE5 ARUM160LTE5	ARUM200LTE5 ARUM180LTE5	
Capacity	Cooling (Rated)	kW	89.6	95.2	100.8	106.4
	Heating (Rated)	kW	89.6	95.2	100.8	106.4
	Heating (Max)	kW	100.8	107.1	113.4	119.7
Input	Cooling (Rated)	kW	30.07	31.04	35.29	32.88
	Heating (Rated)	kW	21.02	21.87	23.61	23.92
EER		2.98	3.07	2.86	3.24	
SEER		7.98	8.19	7.97	8.32	
COP	Rated Capacity	4.26	4.35	4.27	4.45	
SCOP		4.93	4.98	5.11	4.83	
Exterior	Color	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	
	RAL Code	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	
Heat Exchanger	Type	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	
Compressor	Type	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	
	Combination x No.	(Inverter) x 3	(Inverter) x 3	(Inverter) x 3	(Inverter) x 4	
	Motor Output x Number	W x No.	(5,300 x 2) + (4,200 x 1)	(5,300 x 2) + (4,200 x 1)	(5,300 x 2) + (4,200 x 1)	(5,300 x 2) + (4,200 x 2)
	Oil Type	FW68D	FW68D	FW68D	FW68D	
	Oil Charge	cc	9,100	9,100	9,100	10,400
Fan	Type	Propeller fan	Propeller fan	Propeller fan	Propeller fan	
	Motor Output x Number	W x No.	(900 x 2) + (1,200 x 1)	900 x 4	900 x 4	900 x 4
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 1) + (240 x 1)	320 x 2	320 x 2	320 x 2
	Drive	DC INVERTER	DC INVERTER	DC INVERTER	DC INVERTER	
	Discharge	Side / Top	TOP	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
	High Pressure Gas Pipe	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø34.9 (1-3/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(300 x 1) + (215 x 1)	(300 x 1) + (237 x 1)	(300 x 1) + (237 x 1)	(300 x 1) + (300 x 1)	
Shipping Weight	kg x No.	(312 x 1) + (225 x 1)	(312 x 1) + (250 x 1)	(312 x 1) + (250 x 1)	(312 x 1) + (312 x 1)	
Sound Pressure Level	Cooling	dB(A)	64.0	64.0	64.0	65.0
	Heating	dB(A)	66.0	64.0	66.0	66.0
Sound Power Level	Cooling	dB(A)	88.0	88.0	90.0	90.0
	Heating	dB(A)	91.0	91.0	91.0	92.0
Communication Cable	m m ² x No. (VCTF-SB)	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	
Refrigerant	Refrigerant Name	R410A	R410A	R410A	R410A	
	Precharged Amount in Factory	kg	25.5	29.5	29.5	32.0
	t-CO ₂ eq		53.231	61.581	61.581	66.800
	Control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
Power Supply	Ø, V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	
Number of Maximum Connectable Indoor Units ¹⁾		52 (64)	55 (64)	58 (64)	61 (64)	
List Price	£	£22,812.00	£24,137.00	£25,883.00	£27,276.00	

¹⁾ Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM400LTE5 / ARUM420LTE5
ARUM440LTE5



HP			40	42	44	
Combination Unit			ARUM400LTE5	ARUM420LTE5	ARUM440LTE5	
Model Name	Independent Unit		ARUM200LTE5 ARUM200LTE5	ARUM180LTE5 ARUM120LTE5 ARUM120LTE5	ARUM200LTE5 ARUM120LTE5 ARUM120LTE5	
	Capacity	Cooling (Rated)	kW	112.0	117.6	123.2
Capacity	Heating (Rated)		kW	112.0	117.6	123.2
	Heating (Max)		kW	126.0	132.3	138.6
	Input	Cooling (Rated)	kW	36.12	38.84	42.08
Input	Heating (Rated)		kW	26.04	26.90	29.02
	EER			3.10	3.03	2.93
SEER			8.17	8.02	7.90	
COP	Rated Capacity		4.30	4.37	4.25	
SCOP			4.98	4.76	4.90	
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	
Compressor	Combination x No.		(Inverter) x 4	(Inverter) x 4	(Inverter) x 4	
	Motor Output x Number	W x No.	(5,300 x 2) + (4,200 x 2)	(5,300 x 3) + (4,200 x 1)	(5,300 x 3) + (4,200 x 1)	
	Oil Type		FW68D	FW68D	FW68D	
	Oil Charge	cc	10,400	13,000	13,000	
Fan	Type		Propeller fan	Propeller fan	Propeller fan	
	Motor Output x Number	W x No.	900 x 4	(900 x 2) + (1,200 x 2)	(900 x 2) + (1,200 x 2)	
	Air Flow Rate (High)	m ³ /minxNo.	320 x 2	(320 x 1) + (240 x 2)	(320 x 1) + (240 x 2)	
	Drive		DC INVERTER	DC INVERTER	DC INVERTER	
Pipe Connections for Heat Recovery	Discharge	Side / Top	TOP	TOP	TOP	
	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	
	Low Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	
Pipe Connections for Heat Pump	High Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	
	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	
Pipe Connections for Heat Pump	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	
	Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)		
Net Weight	kg x No.	(300 x 1) + (300 x 1)	(300 x 1) + (215 x 1) + (215 x 1)	(300 x 1) + (215 x 1) + (215 x 1)		
Shipping Weight	kg x No.	(312 x 1) + (312 x 1)	(312 x 1) + (225 x 1) + (225 x 1)	(312 x 1) + (225 x 1) + (225 x 1)		
Sound Pressure Level	Cooling	dB(A)	65.0	65.0	65.0	
	Heating	dB(A)	68.0	66.0	67.0	
Sound Power Level	Cooling	dB(A)	90.0	89.0	89.0	
	Heating	dB(A)	93.0	90.0	91.0	
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	
Refrigerant	Refrigerant Name		R410A	R410A	R410A	
	Precharged Amount in Factory		kg	32.0	35.0	35.0
	t-CO ₂ eq			66.800	73.063	73.063
	Control			Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64	
List Price			£	£28,714.00	£29,829.00	£31,267.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM460LTE5 / ARUM480LTE5
ARUM500LTE5



HP			46	48	50
Combination Unit			ARUM460LTE5	ARUM480LTE5	ARUM500LTE5
Model Name	Independent Unit		ARUM200LTE5 ARUM140LTE5 ARUM120LTE5	ARUM200LTE5 ARUM160LTE5 ARUM120LTE5	ARUM200LTE5 ARUM180LTE5 ARUM120LTE5
	Capacity	Cooling (Rated) kW	128.8	134.4	140.0
Capacity	Heating (Rated) kW		128.8	134.4	140.0
	Heating (Max) kW		144.9	151.2	157.5
	Input	Cooling (Rated) kW	43.05	47.30	44.89
Input	Heating (Rated) kW		29.87	31.61	31.92
	EER		2.99	2.84	3.12
SEER		7.58	7.38	8.16	
COP	Rated Capacity		4.31	4.25	4.39
SCOP			4.94	5.04	4.83
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 4	(Inverter) x 4	(Inverter) x 5
	Motor Output x Number	W x No.	(5,300 x 3) + (4,200 x 1)	(5,300 x 3) + (4,200 x 1)	(5,300 x 3) + (4,200 x 2)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	13,000	13,000	14,300
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	(900 x 4) + (1,200 x 1)	(900 x 4) + (1,200 x 1)	(900 x 4) + (1,200 x 1)
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 2) + (240 x 1)	(320 x 2) + (240 x 1)	(320 x 2) + (240 x 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
	High Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(300 x 1) + (237 x 1) + (215 x 1)	(300 x 1) + (237 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (215 x 1)	
Shipping Weight	kg x No.	(312 x 1) + (250 x 1) + (225 x 1)	(312 x 1) + (250 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (225 x 1)	
Sound Pressure Level	Cooling	dB(A)	65.0	65.0	66.0
	Heating	dB(A)	67.0	67.0	67.0
Sound Power Level	Cooling	dB(A)	89.0	90.0	91.0
	Heating	dB(A)	91.0	92.0	92.0
Communication Cable	m m ² x No. (VCTF-SB)	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5	
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	39.0	39.0	41.5
	t-CO ₂ eq		81.413	81.413	86.631
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60	
Number of Maximum Connectable Indoor Units ¹⁾		64	64	64	
List Price	£	£32,592.00	£34,338.00	£35,731.00	

¹⁾ Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM520LTE5 / ARUM540LTE5
ARUM560LTE5



HP			52	54	56
Combination Unit			ARUM520LTE5	ARUM540LTE5	ARUM560LTE5
Model Name	Independent Unit		ARUM200LTE5 ARUM200LTE5 ARUM120LTE5	ARUM200LTE5 ARUM200LTE5 ARUM140LTE5	ARUM200LTE5 ARUM200LTE5 ARUM160LTE5
	Capacity	Cooling (Rated) kW	145.6	151.2	156.8
Capacity	Heating (Rated) kW		145.6	151.2	156.8
	Heating (Max) kW		163.8	170.1	176.4
	Cooling (Rated) kW		48.13	49.10	53.35
Input	Heating (Rated) kW		34.04	34.89	36.63
	EER		3.03	3.08	2.94
SEER		8.05	7.79	7.67	
COP	Rated Capacity		4.28	4.33	4.28
SCOP			4.95	4.98	5.06
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 5	(Inverter) x 5	(Inverter) x 5
	Motor Output x Number	W x No.	(5,300 x 3) + (4,200 x 2)	(5,300 x 3) + (4,200 x 2)	(5,300 x 3) + (4,200 x 2)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	14,300	14,300	14,300
Fan	Type		Propeller fan	Propeller fan	Propeller fan
	Motor Output x Number	W x No.	(900 x 4) + (1,200 x 1)	900 x 6	900 x 6
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 2) + (240 x 1)	320 x 3	320 x 3
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
	High Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Dimensions (W x H x D)		mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)
Dimensions (W x H x D) - Shipping		mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)
Net Weight		kg x No.	(300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (237 x 1)	(300 x 1) + (300 x 1) + (237 x 1)
Shipping Weight		kg x No.	(312 x 1) + (312 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (250 x 1)	(312 x 1) + (312 x 1) + (250 x 1)
Sound Pressure Level	Cooling	dB(A)	66.0	66.0	66.0
	Heating	dB(A)	68.0	67.0	68.0
Sound Power Level	Cooling	dB(A)	91.0	91.0	91.0
	Heating	dB(A)	93.0	93.0	94.0
Communication Cable		m m ² x No. (VCTF-SB)	2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	41.5	45.5	45.5
	t-CO ₂ eq		86.631	94.981	94.981
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		Ø, V, Hz	380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64
List Price		£	£37,169.00	£38,494.00	£40,240.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM580LTE5 / ARUM600LTE5 ARUM620LTE5



HP			58	60	62
Combination Unit			ARUM580LTE5	ARUM600LTE5	ARUM620LTE5
Model Name	Independent Unit		ARUM200LTE5 ARUM200LTE5 ARUM180LTE5	ARUM200LTE5 ARUM200LTE5 ARUM200LTE5	ARUM200LTE5 ARUM180LTE5 ARUM120LTE5 ARUM120LTE5
	Capacity	Cooling (Rated) kW	162.4	168.0	173.6
Capacity	Heating (Rated) kW		162.4	168.0	173.6
	Heating (Max) kW		182.7	189.0	195.3
	Input	Cooling (Rated) kW	50.94	54.18	56.90
Input	Heating (Rated) kW		36.94	39.06	39.92
	EER		3.19	3.10	3.05
SEER		8.27	8.17	8.07	
COP	Rated Capacity		4.40	4.30	4.35
SCOP			4.88	4.98	4.83
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 6	(Inverter) x 6	(Inverter) x 6
	Motor Output x Number	W x No.	(5,300 x 3) + (4,200 x 3)	(5,300 x 3) + (4,200 x 3)	(5,300 x 4) + (4,200 x 2)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	15,600	15,600	18,200
	Type		Propeller fan	Propeller fan	Propeller fan
Fan	Motor Output x Number	W x No.	900 x 6	900 x 6	(900 x 4) + (1,200 x 2)
	Air Flow Rate (High)	m ³ /minxNo.	320 x 3	320 x 3	(320 x 2) + (240 x 2)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)
	Low Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
	High Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)
Net Weight	kg x No.	(300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (215 x 1) + (215 x 1)
Shipping Weight	kg x No.	(312 x 1) + (312 x 1) + (312 x 1)	(312 x 1) + (312 x 1) + (312 x 1)	(312 x 1) + (312 x 1) + (312 x 1)	(312 x 1) + (312 x 1) + (225 x 1) + (225 x 1)
Sound Pressure Level	Cooling	dB(A)	66.0	67.0	66.0
	Heating	dB(A)	69.0	69.0	68.0
Sound Power Level	Cooling	dB(A)	92.0	92.0	91.0
	Heating	dB(A)	94.0	95.0	93.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	48.0	48.0	51.0
	t-CO ₂ eq		100.200	100.200	106.463
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64
List Price	£		£41,633.00	£43,071.00	£44,186.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM640LTE5 / ARUM660LTE5 ARUM680LTE5



HP			64	66	68
Combination Unit			ARUM640LTE5	ARUM660LTE5	ARUM680LTE5
Model Name	Independent Unit		ARUM200LTE5 ARUM200LTE5 ARUM120LTE5 ARUM120LTE5	ARUM200LTE5 ARUM200LTE5 ARUM140LTE5 ARUM120LTE5	ARUM200LTE5 ARUM200LTE5 ARUM160LTE5 ARUM120LTE5
	Capacity	Cooling (Rated) kW	179.2	184.8	190.4
	Heating (Rated) kW	179.2	184.8	190.4	
	Heating (Max) kW	201.6	207.9	214.2	
Input	Cooling (Rated) kW	60.14	61.11	65.36	
	Heating (Rated) kW	42.04	42.89	44.63	
EER		2.98	3.02	2.91	
SEER		7.98	7.78	7.63	
COP	Rated Capacity	4.26	4.31	4.27	
SCOP		4.93	4.95	5.02	
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 6	(Inverter) x 6	(Inverter) x 6
	Motor Output x Number	W x No.	(5,300 x 4) + (4,200 x 2)	(5,300 x 4) + (4,200 x 2)	(5,300 x 4) + (4,200 x 2)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	18,200	18,200	18,200
	Type		Propeller fan	Propeller fan	Propeller fan
Fan	Motor Output x Number	W x No.	(900 x 4) + (1,200 x 2)	(900 x 6) + (1,200 x 1)	(900 x 6) + (1,200 x 1)
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 2) + (240 x 2)	(320 x 3) + (240 x 1)	(320 x 3) + (240 x 1)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas Pipe	mm (inch)	Ø34.9 (1-3/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(300 x 1) + (300 x 1) + (215 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (237 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (237 x 1) + (215 x 1)	
Shipping Weight	kg x No.	(312 x 1) + (312 x 1) + (225 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (250 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (250 x 1) + (225 x 1)	
Sound Pressure Level	Cooling	dB(A)	67.0	67.0	67.0
	Heating	dB(A)	69.0	69.0	69.0
Sound Power Level	Cooling	dB(A)	91.0	91.0	92.0
	Heating	dB(A)	94.0	94.0	94.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	51.0	55.0	55.0
	t-CO ₂ eq		106.463	114.813	114.813
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64
List Price	£		£45,624.00	£46,949.00	£48,695.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM700LTE5 / ARUM720LTE5
ARUM740LTE5



HP			70	72	74
Combination Unit			ARUM700LTE5	ARUM720LTE5	ARUM740LTE5
Model Name	Combination Unit		ARUM200LTE5 ARUM200LTE5 ARUM180LTE5 ARUM120LTE5	ARUM200LTE5 ARUM200LTE5 ARUM200LTE5 ARUM120LTE5	ARUM200LTE5 ARUM200LTE5 ARUM200LTE5 ARUM140LTE5
	Independent Unit				
Capacity	Cooling (Rated)	kW	196.0	201.6	207.2
	Heating (Rated)	kW	196.0	201.6	207.2
	Heating (Max)	kW	220.5	226.8	233.1
Input	Cooling (Rated)	kW	62.95	66.19	67.16
	Heating (Rated)	kW	44.94	47.06	47.91
EER			3.11	3.05	3.09
SEER			8.16	8.08	7.91
COP	Rated Capacity		4.36	4.28	4.32
SCOP			4.87	4.96	4.98
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 7	(Inverter) x 7	(Inverter) x 7
	Motor Output x Number	W x No.	(5,300 x 4) + (4,200 x 3)	(5,300 x 4) + (4,200 x 3)	(5,300 x 4) + (4,200 x 3)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	19,500	19,500	19,500
	Type		Propeller fan	Propeller fan	Propeller fan
Fan	Motor Output x Number	W x No.	(900 x 6) + (1,200 x 1)	(900 x 6) + (1,200 x 1)	(900 x 8)
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 3) + (240 x 1)	(320 x 3) + (240 x 1)	(320 x 4)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas Pipe	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((930 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((960 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (237 x 1)	
Shipping Weight	kg x No.	(312 x 1) + (312 x 1) + (312 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (312 x 1) + (225 x 1)	(312 x 1) + (312 x 1) + (312 x 1) + (250 x 1)	
Sound Pressure Level	Cooling	dB(A)	67.0	67.0	68.0
	Heating	dB(A)	69.0	70.0	69.0
Sound Power Level	Cooling	dB(A)	92.0	92.0	92.0
	Heating	dB(A)	94.0	95.0	95.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	57.5	57.5	61.5
	t-CO ₂ eq		120.031	120.031	128.381
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64
List Price	£		£50,088.00	£51,526.00	£52,851.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

MULTI V 5 COMBINATION UNITS

ARUM760LTE5 / ARUM780LTE5 ARUM800LTE5



HP			76	78	80
Combination Unit			ARUM760LTE5	ARUM780LTE5	ARUM800LTE5
Model Name	Combination Unit		ARUM200LTE5 ARUM200LTE5 ARUM200LTE5 ARUM160LTE5	ARUM200LTE5 ARUM200LTE5 ARUM200LTE5 ARUM180LTE5	ARUM200LTE5 ARUM200LTE5 ARUM200LTE5 ARUM200LTE5
	Independent Unit				
Capacity	Cooling (Rated)	kW	212.8	218.4	224.0
	Heating (Rated)	kW	212.8	218.4	224.0
	Heating (Max)	kW	239.4	245.7	252.0
Input	Cooling (Rated)	kW	71.41	69.00	72.24
	Heating (Rated)	kW	49.65	49.96	52.08
EER			2.98	3.17	3.10
SEER			7.77	8.24	8.17
COP	Rated Capacity		4.29	4.37	4.30
SCOP			5.04	4.91	4.98
Exterior	Color		Morning Gray / Dawn Gray	Morning Gray / Dawn Gray	Morning Gray / Dawn Gray
	RAL Code		RAL 7030 / RAL 7037	RAL 7030 / RAL 7037	RAL 7030 / RAL 7037
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
Compressor	Combination x No.		(Inverter) x 7	(Inverter) x 8	(Inverter) x 8
	Motor Output x Number	W x No.	(5,300 x 4) + (4,200 x 3)	(5,300 x 4) + (4,200 x 4)	(5,300 x 4) + (4,200 x 4)
	Oil Type		FW68D	FW68D	FW68D
	Oil Charge	cc	19,500	20,800	20,800
	Type		Propeller fan	Propeller fan	Propeller fan
Fan	Motor Output x Number	W x No.	(900 x 8)	(900 x 8)	(900 x 8)
	Air Flow Rate (High)	m ³ /minxNo.	(320 x 4)	(320 x 4)	(320 x 4)
	Drive		DC INVERTER	DC INVERTER	DC INVERTER
	Discharge	Side / Top	TOP	TOP	TOP
Pipe Connections for Heat Recovery	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas Pipe	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Pipe Connections for Heat Pump	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
Dimensions (W x H x D)	mm x No.	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1) + ((1,240 x 1,690 x 760) x 1)	
Dimensions (W x H x D) - Shipping	mm x No.	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1) + ((1,280 x 1,825 x 796) x 1)	
Net Weight	kg x No.	(300 x 1) + (300 x 1) + (300 x 1) + (237 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)	(300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)	
Shipping Weight	kg x No.	(312 x 1) + (312 x 1) + (312 x 1) + (250 x 1)	(312 x 1) + (312 x 1) + (312 x 1) + (312 x 1)	(312 x 1) + (312 x 1) + (312 x 1) + (312 x 1)	
Sound Pressure Level	Cooling	dB(A)	68.0	68.0	68.0
	Heating	dB(A)	70.0	70.0	71.0
Sound Power Level	Cooling	dB(A)	93.0	93.0	93.0
	Heating	dB(A)	95.0	95.0	96.0
Communication Cable	m m ² x No. (VCTF-SB)		2C x 1.0 - 1.5	2C x 1.0 - 1.5	2C x 1.0 - 1.5
Refrigerant	Refrigerant Name		R410A	R410A	R410A
	Precharged Amount in Factory	kg	61.5	64.0	64.0
	t-CO ₂ eq		128.381	133.600	133.600
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		380-400-415, 3, 50/60	380-400-415, 3, 50/60	380-400-415, 3, 50/60
Number of Maximum Connectable Indoor Units ¹⁾			64	64	64
List Price	£		£54,597.00	£55,990.00	£57,428.00

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

NOTE

1. Eurovent Test Condition:

- Refer to EUROVENT certification regulation for more detail test conditions.
- Performances of Combination units are sum of Independent unit (Outdoor Units).

2. Capacities are based on the following conditions:

Rated

- Cooling Temperature : Indoor 27°CDB / 19°CWB
Outdoor 35°CDB / 24°CWB
- Heating Temperature : Indoor 20°CDB / 15°CWB
Outdoor 7°CDB / 6°CWB
- Piping Length : Interconnected Pipe Length = 7.5m
- Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.

UK

- Cooling Temperature : Indoor 21°CDB / 15°CWB
Outdoor 27°CDB / 19°CWB
- Heating Temperature : Indoor 20°CDB / 15°CWB
Outdoor 0°CDB / -0.7°CWB
- Piping Length : Interconnected Pipe Length = 7.5m
- Difference Limit of Elevation (Outdoor ~ Indoor Unit) is Zero.

3. SLC (Smart Load Control) - Automatic regulation of evaporative temperatures based on temperature and humidity direct monitoring

4. Wiring cable size must comply with the applicable local and national code.

5. Sound Level Values can be increased owing to ambient conditions during operation.

- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
- Sound power level is measured on the rated condition in the reverberation rooms by ISO 3741 standard.

6. The numbers in parentheses means maximum connectible indoor units in accordance with outdoor units combination.

- The recommended ratio is 130%.

7. ESEER calculation corresponds with below conditions and power input of indoor units is not included.

- Indoor temperature : 27°C(80.6°F) DB / 19°C(66.2°F) WB
- Outdoor Temperature conditions

Part Load Ratio	Outdoor Air Temp.(°C(°F) DB)	Weighting Coefficients
100%	35 (95)	0.03
75%	30 (86)	0.33
50%	25 (77)	0.41
25%	20 (68)	0.23

- Formula : $0.03 \times EER_{100\%} + 0.33 \times EER_{75\%} + 0.41 \times EER_{50\%} + 0.23 \times EER_{25\%}$

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

9. Power factor could vary less than 1% according to the operating conditions.

10. This product contains fluorinated greenhouse gases (R410A).

MULTI V™ WATER IV

Highlight

- Water Cooled VRF Heat Pump & Heat Recovery
- 22.4 – 201.6kW (Cooling capacity based)
- 3Ø, 380 – 415V, 50Hz
- Outdoor unit installed indoor



Energy savings



Space savings



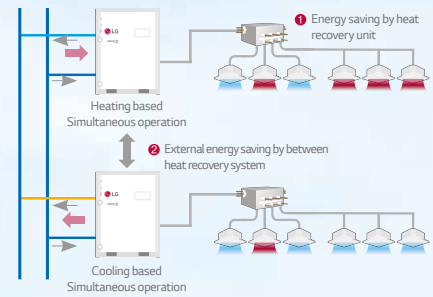
Convenient installation

How does it work?

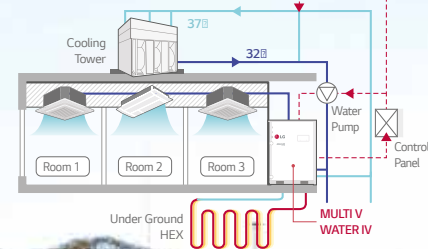
Operation independent of weather conditions

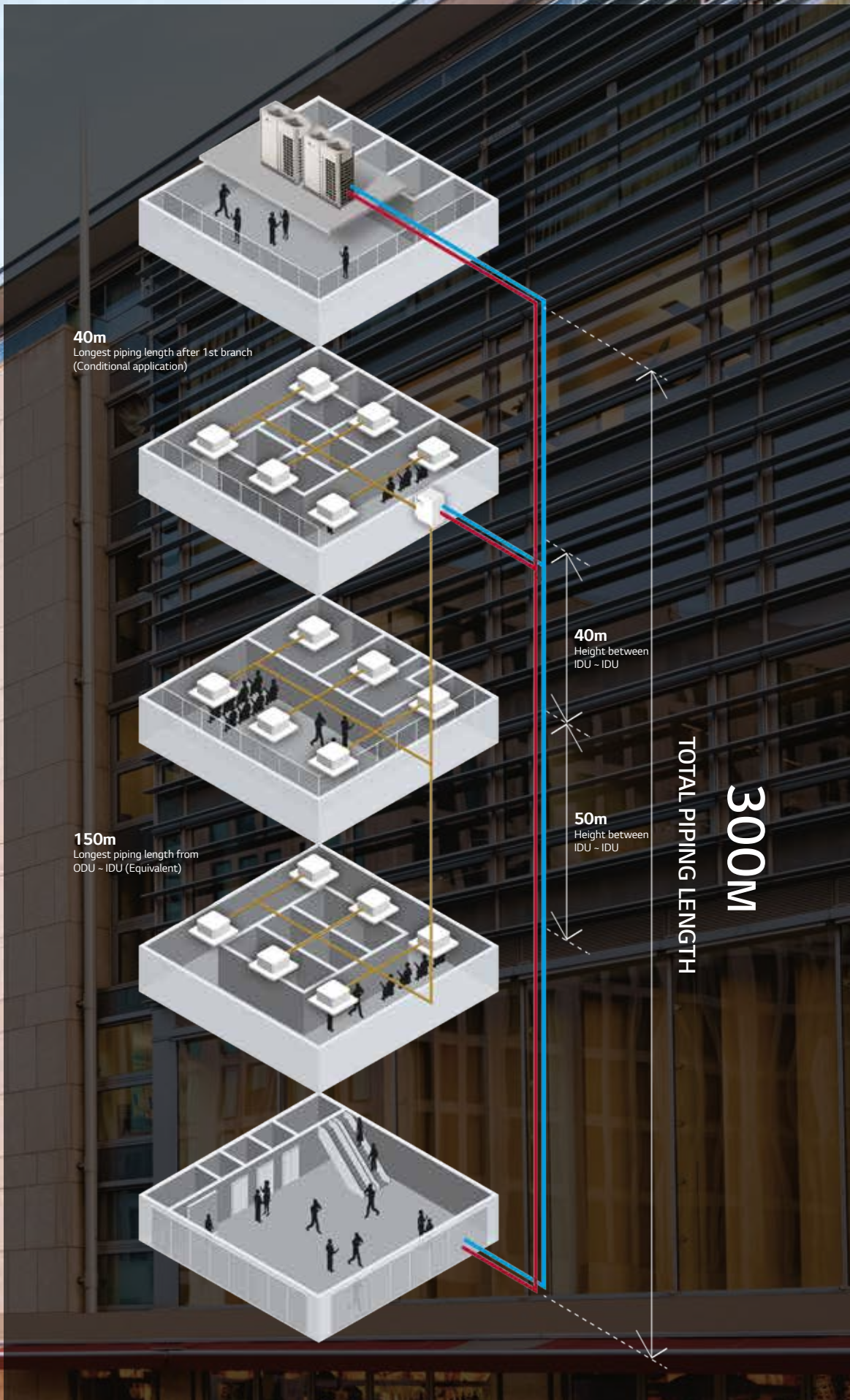


Available in Heat Pump & Heat Recovery Configuration



Geothermal Application





MULTI V WATER INDEPENDENT UNITS

HEAT PUMP MODEL: ARW***LAS4

HEAT RECOVERY MODEL: ARWB**LAS4



HP			8	10	14	20
Model Name	Combination Unit		ARW*080LAS4	ARW*100LAS4	ARW*140LAS4	ARW*200LAS4
	Independent Unit		ARW*080LAS4	ARW*100LAS4	ARW*140LAS4	ARW*200LAS4
Capacity	Cooling (Rated)	kW	22.4	28.0	39.2	56.0
	Heating (Rated)	kW	25.2	31.5	44.1	63.0
Input	Cooling (Rated)	kW	3.86	5.09	7.84	11.20
	Heating (Rated)	kW	4.2	5.34	8.17	11.67
EER			5.80	5.50	5.00	5.00
COP	Rated Capacity		6.00	5.90	5.40	5.40
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	10.7	15.8	28.6	30.1
	Rated Water Flow	LPM	77	96	135	192
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 1	(Inverter) x 1	(Inverter) x 1	(Inverter) x 1
	Motor Output x Number	W x No.	4,200 x 1	4,200 x 1	4,200 x 1	5,300 x 1
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	2,800	2,800	2,800	3,000
Water Connecting Pipes	Inlet	A (inch)	40A(PT 1-1/2) (Internal Thread)	40A(PT 1-1/2) (Internal Thread)	40A(PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) (Internal Thread)
	Outlet	A (inch)	40A(PT 1-1/2) (Internal Thread)	40A(PT 1-1/2) (Internal Thread)	40A(PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) (Internal Thread)
	Drain Outlet	A (inch)	20A(PT 3/4) (External Thread)	20A(PT 3/4) (External Thread)	20A(PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)	mm x No.	(755 x 997 x 500) x 1	(755 x 997 x 500) x 1	(755 x 997 x 500) x 1	(755 x 997 x 500) x 1	
Dimensions (W x H x D) - Shipping	mm x No.	(804 x 1,143 x 630) x 1	(804 x 1,143 x 630) x 1	(804 x 1,143 x 630) x 1	(804 x 1,143 x 630) x 1	
Net Weight	kg x No.	127 x 1	127 x 1	127 x 1	140 x 1	
Shipping Weight	kg x No.	137 x 1	137 x 1	137 x 1	150 x 1	
Sound Pressure Level	Cooling	dB(A)	47.0	50.0	58.0	54.0
	Heating	dB(A)	51.0	53.0	57.0	60.0
Sound Power Level	Cooling	dB(A)	59.0	62.0	70.0	66.0
	Heating	dB(A)	63.0	65.0	69.0	72.0
Communication Cable	mm ² x No. (VCTF-SB)		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	5.8	5.8	5.8	3.0
	t-CO ₂ eq		12.1	12.1	12.1	6.3
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			13 (20)	16 (25)	23 (35)	32 (50)
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Gas Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Low Pressure Gas	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø25.4 (1)	Ø28.58 (1-1/8)
	High Pressure Gas	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
Heat Pump	List Price	£	£5,907.00	£6,454.00	£9,048.00	£13,195.00
Heat Recovery	List Price	£	£6,483.00	£7,121.00	£9,987.00	£14,856.00

* This product contains Fluorinated Greenhouse Gases. (R410A)
 Note: 1. Capacities and Inputs are based on the following conditions
 - Cooling: Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating: Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)
 2. Capacities are net capacities
 3. Due to our policy of innovation some specifications may be changed without notification
 4. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)
 5. Where 25.4mm (1 Inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V WATER COMBINATION UNITS

HEAT PUMP MODEL: ARW***LAS4

HEAT RECOVERY MODEL: ARWB**LAS4



HP			16	18	22	24
Model Name	Combination Unit		ARW*160LAS4	ARW*180LAS4	ARW*220LAS4	ARW*240LAS4
	Independent Unit		ARW*080LAS4 ARW*080LAS4	ARW*100LAS4 ARW*080LAS4	ARW*140LAS4 ARW*080LAS4	ARW*140LAS4 ARW*100LAS4
Capacity	Cooling (Rated)	kW	44.8	50.4	61.6	67.2
	Heating (Rated)	kW	50.4	56.7	69.3	75.6
Input	Cooling (Rated)	kW	7.72	8.95	11.70	12.93
	Heating (Rated)	kW	8.40	9.54	12.37	13.51
EER			5.80	5.63	5.26	5.20
COP	Rated Capacity		6.00	5.94	5.60	5.60
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	10.7 + 10.7	15.8 + 10.7	28.6 + 10.7	28.6 + 15.8
	Rated Water Flow	LPM	77 + 77	96 + 77	135 + 77	135 + 96
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 2	(Inverter) x 2	(Inverter) x 2	(Inverter) x 2
	Motor Output x Number	W x No.	4,200 x 2	4,200 x 2	4,200 x 2	4,200 x 2
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	5,600	5,600	5,600	5,600
Water Connecting Pipes	Inlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Outlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Drain Outlet	A (inch)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)	mm x No.	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2	
Dimensions (W x H x D) - Shipping	mm x No.	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2	
Net Weight	kg x No.	127 x 2	127 x 2	127 x 2	127 x 2	
Shipping Weight	kg x No.	137 x 2	137 x 2	137 x 2	137 x 2	
Sound Pressure Level	Cooling	dB(A)	50.0	51.8	58.3	58.6
	Heating	dB(A)	54.0	55.1	58.0	58.5
Sound Power Level	Cooling	dB(A)	62.0	63.8	70.3	70.6
	Heating	dB(A)	66.0	67.1	70.0	70.5
Communication Cable	mm ² x No. (VCTF-SB)		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	11.6	11.6	11.6	11.6
	t-CO ₂ eq		24.2	24.2	24.2	24.2
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			26 (40)	29 (45)	35 (44)	39 (48)
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
	High Pressure Gas	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Heat Pump	List Price	£	£11,814.00	£12,361.00	£14,955.00	£15,502.00
Heat Recovery	List Price	£	£12,966.00	£13,604.00	£16,470.00	£17,108.00

* This product contains Fluorinated Greenhouse Gases. (R410A)

Note : 1. Capacities and Inputs are based on the following conditions

- Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating : Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)

2. Capacities are net capacities

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

4. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)

5. Where 25.4mm (1 inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V WATER COMBINATION UNITS

HEAT PUMP MODEL: ARW***LAS4
 HEAT RECOVERY MODEL: ARWB**LAS4



HP			28	30	34	40
Model Name	Combination Unit		ARW*280LAS4	ARW*300LAS4	ARW*340LAS4	ARW*400LAS4
	Independent Unit		ARW*140LAS4 ARW*140LAS4	ARW*200LAS4 ARW*100LAS4	ARW*200LAS4 ARW*140LAS4	ARW*200LAS4 ARW*200LAS4
Capacity	Cooling (Rated)	kW	78.4	84.0	95.2	112.0
	Heating (Rated)	kW	88.2	94.5	107.1	126.0
Input	Cooling (Rated)	kW	15.68	16.29	19.04	22.40
	Heating (Rated)	kW	16.34	17.01	19.84	23.34
EER			5.00	5.16	5.00	5.00
COP	Rated Capacity		5.40	5.56	5.40	5.40
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	28.6 + 28.6	30.1 + 15.8	30.1 + 28.6	30.1 + 30.1
	Rated Water Flow	LPM	135 + 135	192 + 96	192 + 135	192 + 192
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 2	(Inverter) x 2	(Inverter) x 2	(Inverter) x 2
	Motor Output x Number	W x No.	4,200 x 2	5,300 x 1 + 4,200 x 1	5,300 x 1 + 4,200 x 1	5,300 x 2
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	5,600	5,800	5,800	6,000
Water Connecting Pipes	Inlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Outlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Drain Outlet	A (inch)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)		mm x No.	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2	(755 x 997 x 500) x 2
Dimensions (W x H x D) - Shipping		mm x No.	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2	(804 x 1,143 x 630) x 2
Net Weight		kg x No.	127 x 2	(140 x 1) + (127 x 1)	(140 x 1) + (127 x 1)	140 x 2
Shipping Weight		kg x No.	137 x 2	(150 x 1) + (137 x 1)	(150 x 1) + (137 x 1)	150 x 2
Sound Pressure Level	Cooling	dB(A)	59.0	55.5	59.0	55.0
	Heating	dB(A)	58.0	60.8	61.0	61.0
Sound Power Level	Cooling	dB(A)	72.0	67.5	72.0	68.0
	Heating	dB(A)	71.0	72.8	74.0	74.0
Communication Cable		mm ² x No. (VCTF-SB)	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	11.6	8.8	8.8	6.0
	t-CO ₂ eq		24.2	18.4	18.4	12.5
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply		∅, V, Hz	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			45 (56)	49 (60)	55 (64)	64
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	∅19.05 (3/4)	∅19.05 (3/4)	∅19.05 (3/4)	∅19.05 (3/4)
	Gas Pipe	mm (inch)	∅34.9 (1-3/8)	∅34.9 (1-3/8)	∅34.9 (1-3/8)	∅41.3 (1-5/8)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	∅19.05 (3/4)	∅19.05 (3/4)	∅19.05 (3/4)	∅19.05 (3/4)
	Low Pressure Gas	mm (inch)	∅34.9 (1-3/8)	∅34.9 (1-3/8)	∅34.9 (1-3/8)	∅41.3 (1-5/8)
	High Pressure Gas	mm (inch)	∅28.58 (1-1/8)	∅28.58 (1-1/8)	∅28.58 (1-1/8)	∅34.9 (1-3/8)
Heat Pump	List Price	£	£18,096.00	£19,649.00	£22,243.00	£26,390.00
Heat Recovery	List Price	£	£19,974.00	£21,977.00	£24,843.00	£29,712.00

* This product contains Fluorinated Greenhouse Gases. (R410A)
 Note : 1. Capacities and Inputs are based on the following conditions
 - Cooling: Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating: Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)
 2. Capacities are net capacities
 3. Due to our policy of innovation some specifications may be changed without notification
 4. Add an anti freeze to circulation water when outside units is operating undet 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)
 5. Where 25.4mm (1 Inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V WATER COMBINATION UNITS

HEAT PUMP MODEL: ARW***LAS4

HEAT RECOVERY MODEL: ARWB**LAS4



HP			42	44	48	50
Model Name	Combination Unit		ARW*420LAS4	ARW*440LAS4	ARW*480LAS4	ARW*500LAS4
	Independent Unit		ARW*200LAS4 ARW*140LAS4 ARW*080LAS4	ARW*200LAS4 ARW*140LAS4 ARW*100LAS4	ARW*200LAS4 ARW*140LAS4 ARW*140LAS4	ARW*200LAS4 ARW*200LAS4 ARW*100LAS4
Capacity	Cooling (Rated)	kW	117.6	123.2	134.4	140.0
	Heating (Rated)	kW	132.3	138.6	151.2	157.5
Input	Cooling (Rated)	kW	22.9	24.13	26.88	27.49
	Heating (Rated)	kW	24.04	25.18	28.01	28.68
EER			5.14	5.11	5.00	5.09
COP	Rated Capacity		5.50	5.50	5.40	5.49
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	30.1 + 28.6 + 10.7	30.1 + 28.6 + 15.8	30.1 + 28.6 + 28.6	30.1 + 30.1 + 15.8
	Rated Water Flow	LPM	192 + 135 + 77	192 + 135 + 96	192 + 135 + 135	192 + 192 + 96
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 3	(Inverter) x 3	(Inverter) x 3	(Inverter) x 3
	Motor Output x Number	W x No.	5,300 x 1 + 4,200 x 2	5,300 x 1 + 4,200 x 2	5,300 x 1 + 4,200 x 2	5,300 x 2 + 4,200 x 1
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
Water Connecting Pipes	Oil Charge	cc	8,600	8,600	8,600	8,800
	Inlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Outlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)
	Drain Outlet	A (inch)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)	mm x No.	(755 x 997 x 500) x 3	(755 x 997 x 500) x 3	(755 x 997 x 500) x 3	(755 x 997 x 500) x 3	
Dimensions (W x H x D) - Shipping	mm x No.	(804 x 1,143 x 630) x 3	(804 x 1,143 x 630) x 3	(804 x 1,143 x 630) x 3	(804 x 1,143 x 630) x 3	
Net Weight	kg x No.	(140 x 1) + (127 x 2)	(140 x 1) + (127 x 2)	(140 x 1) + (127 x 2)	(140 x 2) + (127 x 1)	
Shipping Weight	kg x No.	(150 x 1) + (137 x 2)	(150 x 1) + (137 x 2)	(150 x 1) + (137 x 2)	(150 x 2) + (137 x 1)	
Sound Pressure Level	Cooling	dB(A)	59.7	59.9	60.0	57.8
	Heating	dB(A)	62.1	62.3	62.0	63.4
Sound Power Level	Cooling	dB(A)	71.7	71.9	74.0	69.8
	Heating	dB(A)	74.1	74.3	76.0	75.4
Communication Cable	mm ² x No. (VCTF-SB)		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	14.6	14.6	14.6	11.8
	t-CO ₂ eq		30.5	30.5	30.5	24.6
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			64	64	64	64
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Low Pressure Gas	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
	High Pressure Gas	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)
Heat Pump	List Price	£	£28,150.00	£28,697.00	£31,291.00	£32,844.00
Heat Recovery	List Price	£	£31,326.00	£31,964.00	£34,830.00	£36,833.00

* This product contains Fluorinated Greenhouse Gases. (R410A)
 Note: 1. Capacities and Inputs are based on the following conditions
 - Cooling: Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating: Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)
 2. Capacities are net capacities
 3. Due to our policy of innovation some specifications may be changed without notification
 4. Add an anti freeze to circulation water when outside units is operating under 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)
 5. Where 25.4mm (1 Inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V WATER COMBINATION UNITS

HEAT PUMP MODEL: ARW/**LAS4

HEAT RECOVERY MODEL: ARWB**LAS4



HP			54	60	62	64
Combination Unit			ARWB540LAS4	ARWB600LAS4	ARWB620LAS4	ARWB640LAS4
Model Name	Independent Unit		ARWB200LAS4 ARWB200LAS4 ARWB140LAS4	ARWB200LAS4 ARWB200LAS4 ARWB200LAS4	ARWB200LAS4 ARWB200LAS4 ARWB140LAS4 ARWB080LAS4	ARWB200LAS4 ARWB200LAS4 ARWB140LAS4 ARWB100LAS4
	Capacity	Cooling (Rated)	kW	151.2	168.0	173.6
Heating (Rated)		kW	170.1	189.0	195.3	201.6
Input	Cooling (Rated)	kW	30.24	33.60	34.10	35.33
	Heating (Rated)	kW	31.51	35.01	35.71	36.85
EER			5.00	5.00	5.09	5.07
COP	Rated Capacity		5.40	5.40	5.47	5.47
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	30.1 + 28.6 + 28.6	30.1 + 30.1 + 30.1	30.1 + 30.1 + 28.6 + 10.7	30.1 + 30.1 + 28.6 + 15.8
	Rated Water Flow	LPM	192 + 192 + 135	192 + 192 + 192	192 + 192 + 135 + 77	192 + 192 + 135 + 96
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 3	(Inverter) x 3	(Inverter) x 4	(Inverter) x 4
	Motor Output x Number	W x No.	5,300 x 2 + 4,200 x 1	5,300 x 3	5,300 x 2 + 4,200 x 2	5,300 x 2 + 4,200 x 2
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	8,800	9,000	11,600	11,600
Water Connecting Pipes	Inlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)
	Outlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)
	Drain Outlet	A (inch)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)	mm x No.	(755 x 997 x 500) x 3	(755 x 997 x 500) x 3	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	
Dimensions (W x H x D) - Shipping	mm x No.	(804 x 1,143 x 630) x 3	(804 x 1,143 x 630) x 3	(804 x 1,143 x 630) x 4	(804 x 1,143 x 630) x 4	
Net Weight	kg x No.	(140 x 2) + (127 x 1)	140 x 3	(140 x 2) + (127 x 2)	(140 x 2) + (127 x 2)	
Shipping Weight	kg x No.	(150 x 2) + (137 x 1)	150 x 3	(150 x 2) + (137 x 2)	(150 x 2) + (137 x 2)	
Sound Pressure Level	Cooling	dB(A)	60.0	56.0	61.0	61.0
	Heating	dB(A)	62.0	62.0	64.0	64.0
Sound Power Level	Cooling	dB(A)	74.0	70.0	73.0	73.0
	Heating	dB(A)	76.0	76.0	76.0	76.0
Communication Cable	mm ² x No. (VCTF-SB)		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	11.8	9.0	17.6	17.6
	t-CO ₂ eq		24.6	18.8	36.7	36.7
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			64	64	64	64
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø44.5 (1-3/4)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas	mm (inch)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)	Ø44.5 (1-3/4)	Ø44.5 (1-3/4)
	High Pressure Gas	mm (inch)	Ø34.9 (1-3/8)	Ø34.9 (1-3/8)	Ø41.3 (1-5/8)	Ø41.3 (1-5/8)
Heat Pump	List Price	£	£35,438.00	£39,585.00	£41,345.00	£41,892.00
Heat Recovery	List Price	£	£39,699.00	£44,568.00	£46,182.00	£46,820.00

* This product contains Fluorinated Greenhouse Gases. (R410A)

Note : 1. Capacities and Inputs are based on the following conditions

- Cooling: Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating: Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)

2. Capacities are net capacities

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

4. Add an anti freeze to circulation water when outside units is operating under 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)

5. Where 25.4mm (1 Inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V WATER COMBINATION UNITS

HEAT PUMP MODEL: ARW/**LAS4

HEAT RECOVERY MODEL: ARWB**LAS4



HP			68	70	74	80
Model Name	Combination Unit		ARWB680LAS4	ARWB700LAS4	ARWB740LAS4	ARWB800LAS4
	Independent Unit		ARWB200LAS4 ARWB200LAS4 ARWB140LAS4 ARWB140LAS4	ARWB200LAS4 ARWB200LAS4 ARWB200LAS4 ARWB100LAS4	ARWB200LAS4 ARWB200LAS4 ARWB200LAS4 ARWB140LAS4	ARWB200LAS4 ARWB200LAS4 ARWB200LAS4 ARWB200LAS4
Capacity	Cooling (Rated)	kW	190.4	196.0	207.2	224.0
	Heating (Rated)	kW	214.2	220.5	233.1	252.0
Input	Cooling (Rated)	kW	38.08	38.69	41.44	44.80
	Heating (Rated)	kW	39.68	40.35	43.18	46.68
EER			5.00	5.07	5.00	5.00
COP	Rated Capacity		5.40	5.46	5.40	5.40
Exterior	Colour		Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray	Warm Gray / Morning Gray
	RAL Code (Classic)		RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030	RAL 7044 / RAL 7030
Heat Exchanger	Type		Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate	Stainless Steel Plate
	Maximum Pressure Resistance	kgf/cm ²	45	45	45	45
	Head Loss	kPa	30.1 + 30.1 + 28.6 + 28.6	30.1 + 30.1 + 30.1 + 15.8	30.1 + 30.1 + 30.1 + 28.6	30.1 + 30.1 + 30.1 + 30.1
	Rated Water Flow	LPM	192 + 192 + 135 + 135	192 + 192 + 192 + 96	192 + 192 + 192 + 135	192 + 192 + 192 + 192
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Combination x No.		(Inverter) x 4	(Inverter) x 4	(Inverter) x 4	(Inverter) x 4
	Motor Output x Number	W x No.	5,300 x 2 + 4,200 x 2	5,300 x 3 + 4,200 x 1	5,300 x 3 + 4,200 x 1	5,300 x 4
	Oil Type		FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)	FVC68D (PVE)
	Oil Charge	cc	11,600	11,800	11,800	12,000
Water Connecting Pipes	Inlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)
	Outlet	A (inch)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)	40A (PT 1-1/2) + 40A (PT 1-1/2) + 40A (PT 1-1/2) + PT40 (Internal Thread)
	Drain Outlet	A (inch)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)	20A (PT 3/4) (External Thread)
Dimensions (W x H x D)	mm x No.	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	(755 x 997 x 500) x 4	
Dimensions (W x H x D) - Shipping	mm x No.	(804 x 1,143 x 630) x 4	(804 x 1,143 x 630) x 4	(804 x 1,143 x 630) x 4	(804 x 1,143 x 630) x 4	
Net Weight	kg x No.	(140 x 2) + (127 x 2)	(140 x 3) + (127 x 1)	(140 x 3) + (127 x 1)	140 x 4	
Shipping Weight	kg x No.	(150 x 2) + (137 x 2)	(150 x 3) + (137 x 1)	(150 x 3) + (137 x 1)	150 x 4	
Sound Pressure Level	Cooling	dB(A)	61.0	59.0	61.0	57.0
	Heating	dB(A)	63.0	65.0	63.0	63.0
Sound Power Level	Cooling	dB(A)	75.0	71.0	75.0	71.0
	Heating	dB(A)	77.0	77.0	77.0	77.0
Communication Cable	mm ² x No. (VCTF-SB)		1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
Refrigerant	Refrigerant Name		R410A	R410A	R410A	R410A
	Precharged Amount in Factory	kg	17.6	14.8	14.8	12.0
	t-CO ₂ eq		36.7	30.9	30.9	25.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Power Supply	Ø, V, Hz		3, 380-415, 50	3, 380-415, 50	3, 380-415, 50	3, 380-415, 50
Number of Maximum Connectable Indoor Units			64	64	64	64
HEAT PUMP Refrigerant Connecting Pipes	Liquid Pipe	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Gas Pipe	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
Heat Recovery Refrigerant Connecting Pipes	Liquid	mm (inch)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)	Ø22.2 (7/8)
	Low Pressure Gas	mm (inch)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)	Ø53.98 (2-1/8)
	High Pressure Gas	mm (inch)	Ø44.5 (1-3/4)	Ø44.5 (1-3/4)	Ø44.5 (1-3/4)	Ø44.5 (1-3/4)
Heat Pump	List Price	£	£44,486.00	£46,039.00	£48,633.00	£52,780.00
Heat Recovery	List Price	£	£49,686.00	£51,689.00	£54,555.00	£59,424.00

* This product contains Fluorinated Greenhouse Gases. (R410A)
 Note : 1. Capacities and Inputs are based on the following conditions
 - Cooling : Indoor temp. 27°C (80.6°F) DB / 19°C (66.2°F) WB, Water inlet temp. 30°C (86°F), Interconnecting piping length 7.5m, Level difference of zero - Heating : Indoor temp. 20°C (68°F) DB, Water inlet temp. 20°C (68°F)
 2. Capacities are net capacities
 3. Due to our policy of innovation some specifications may be changed without notification
 4. Add an anti freeze to circulation water when outside units is operating under 10°C (50°F), and change the DIP switch on main PCB. (For more information on installation section.)
 5. Where 25.4mm (1 Inch) field piping is not available as indicated, please replace with 22.2mm (7/8 Inch)

Branches should be selected from correctly designed LATS HVAC schematic

MULTI V M (HIDDEN VRF TECHNOLOGY)



HP			ARUN050LMCO	ARUN050GME0
Model	Combination Unit		Compressor Module	Heat Exchanger Module
Capacity	Cooling (Rated)	kW	14.0	-
	Heating (Rated)	kW	14.0	-
	Heating (Max)	kW	16.0	-
Power Input	Cooling (Rated)	kW	4.12	-
	Heating (Rated)	kW	3.59	-
	Heating (Max)	kW	4.32	-
EER (based on rated capacity)	Cooling		3.40	-
COP (based on rated capacity)	Heating		3.90	-
ESEER (based on rated capacity)			3.70	-
Power Factor ⁷⁾			0.93	-
Casing Colour			Morning Gray	Galvanized Steel Plate
Heat Exchanger			-	BACK FIN (WIDE LOUVER PLUS)
Compressor	Type		Hermetic Motor Compressor	-
	Piston Displacement	cm ³ / rev	31.3	-
	Number of Revolution	rev/min	3,600	-
	Motor Output	W	3,200	-
	Satrtng Method		DC Inverter Starting	-
	Oil Type		FVC68D (PVE)	-
	Oil Charge		1,000	-
Sound Pressure Level	Cooling (Rated)	dB(A)	45	45
	Heating (Rated)	dB(A)	45	45
Fan	Type		-	Sircoco Fan
	Motor Output x Number	W	-	400 x 2
	Air Flow Rate (High)	m ³ /min	-	60
	Drive		-	Direct
	Discharge	Side/Top	-	Side
External Static Pressure	Nominal (Rated, Factory Set)	mmAq (Pa)	-	3 (29)
	Max	mmAq (Pa)	-	16 (157)
Dimensions		mm	580 x 700 x 500	1,562 x 460 x 688
Net Weight		kg	70	89
Refrigerant	Type		R410A	-
	Precharged Amount	kg	2.0	-
	GWP		2087.5	-
	TCO2eq		4175	-
Power Supply		Ø / V / Hz	380 - 415, 3, 50	220 - 240, 1, 50
Communication Cable		No. x mm ²	2C x 1.0 - 1.5	
Drain			-	25(1)
Pipe Connections	Liquid	mm (inch)	Ø9.52 (3/8) - IDU	Ø12.7 (1/2) - Comp. Module
	Gas	mm (inch)	Ø15.88 (5/8) - IDU	Ø19.05 (3/4) - Comp. Module
Heat Exchanger	Type		-	-
	Pressure Resistance	kgf/cm ²	-	-
	Rated Water Flow	L/min	-	-
	Head Loss	kPa	-	-
Protection Devices	High Pressure Protection		High Pressure Sensor	-
	Compressor / Fan		Over-Heat Protection	-
	Inverter		Over-Heat Protection / Over-Current Protection	-
Maximum Running Current		A	12.1	7.5
Maximum Circuit Breaker Rating		A	20	15
Number of maximum connectable indoor units ³⁾			10	-
Heat Pump Set	List Price	£	£2,680.00	£2,362.00
	List Price	£		£5,042.00

Notes:

- Eurovent Test Condition: Type of indoor unit connected is only Ceiling Concealed Duct.
- Refer to EUROVENT certification programme for more detail test conditions
- Refer to EUROVENT website for test values connected Ceiling Cassette type indoors.
- Performances are based on the following conditions:
- Cooling Temperature: Indoor 27°C DB / 19°C WB, Outdoor 35°C DB / 24°C WB
- Heating Temperature: Indoor 20°C DB / 15°C WB, Outdoor 7°C DB / 6°C WB
- Heat Exchanger Module - Compressor Module = 5m
- Compressor Module - Indoor Unit = 7.5m
- The maximum combination ratio is 130%
- Wiring cable size must comply with the applicable local and national codes.
- Due to our policy of innovation some specifications may be changed without notification
- Sound Level Values are measured at Anechoic chamber. Therefore, these values can be increased owing to ambient conditions during operation.
- Power Factor could vary less than ±1% according to the operating conditions
- This product contains Fluorinated Greenhouse Gases (R410A). GWP = 2087.5.

MULTI V M (HIDDEN VRF TECHNOLOGY)

Hidden VRF for complete indoor installation.

- The outside unit splits into two components - the Compressor + The Heat Exchanger.

The Multi V M VRF Modular type system provides increased freedom of design and low noise. The heat exchanger module can be installed in ceiling spaces in both direct inlet/outlet or ducted inlet/outlet. Possible to connect to an array of LG indoor units; 4-Way cassette, 2-Way cassette, 1-Way cassette, Wall mounted, Floor standing and Ducted types.

Equipped with LG's own designed and manufactured new scroll inverter compressor (operating range 15 ~ 150Hz), Smart Load Control (SLC) and Wide louver plus fin technology to increase efficiency and heating performance, compared to conventional fin).

Installation costs are reduced due to smaller, lighter units, shorter pipe runs and reduced installation time.

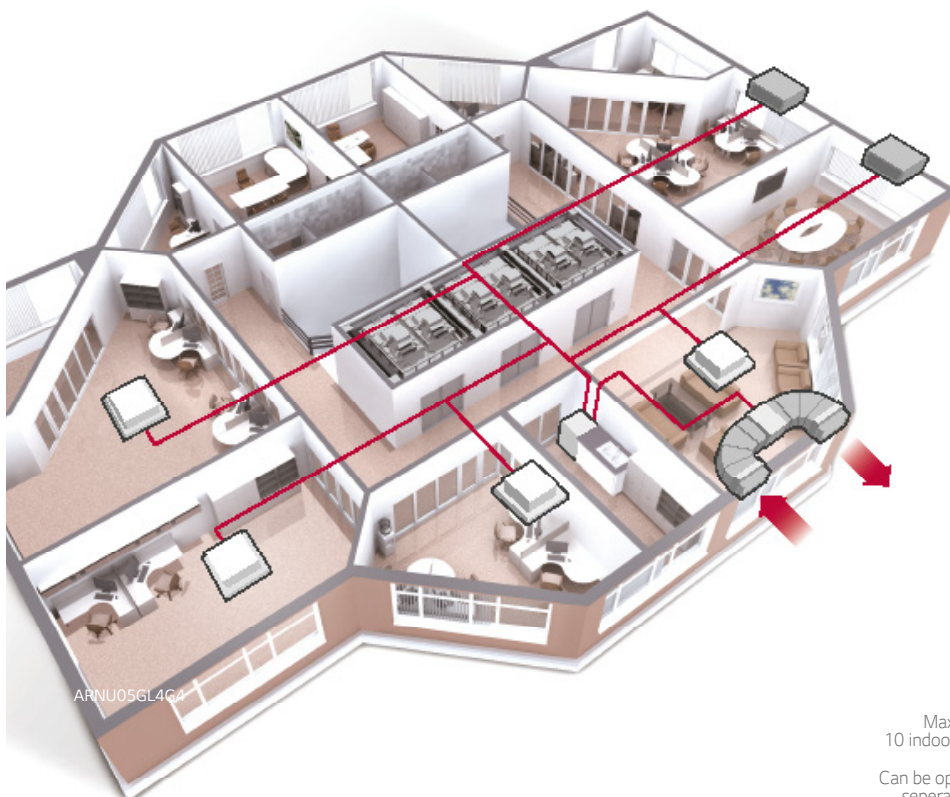
Ease and flexibility of installation

Due to the high static pressure available and reduced unit weight.

Small size

Both the compressor and heat exchanger units are compact and lightweight.

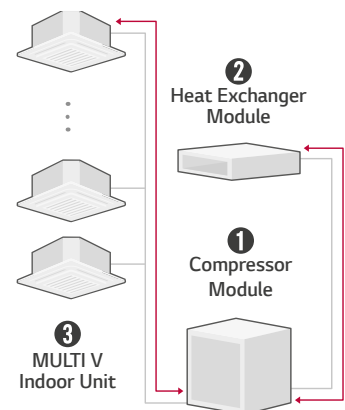
Black Fin



ARNU05GL4G4

Piping Length

Total Piping Length	300m
Longest piping length (Compressor - IDU)	70m
Max. elevation (Compressor - IDU)	10m
Longest piping length (Heat Exchanger Module - Compressor)	50m
Max. elevation (Compressor - Heat Exchange Module)	30m



Max. 10 indoor units
Can be operated separately.



MULTI V M (HIDDEN VRF TECHNOLOGY)

- PRHR023
- PRHR033
- PRHR043
- PRHR063
- PRHR083



Model		PRHR023	PRHR033	PRHR043	PRHR063	PRHR083
Number of Branches	EA	2	3	4	6	8
Maximum Connectable Capacity of Indoor Units (per branch)	kW (kBtu/h)			8		
Maximum Connectable Capacity of Indoor Units (per box)	EA	16	24	32	48	64
Nominal Input	Cooling	W	39.8			75.9
	Heating	W		37.2		72.1
Sound Pressure cooling / heating	dB(A)			30		
Sound Pressure (During cooling - heating changeover)	dB(A)			33		
Sound Pressure (During heating - cooling changeover)	dB(A)			38		
Current	Minimum Circuit Amps	MCA	0.17			0.27
	Maximum Fuse Amps	MFA	15			15
Power Supply	∅, V, Hz		1 ∅, 220-240V 50Hz / 1 ∅, 220-240V 60Hz			

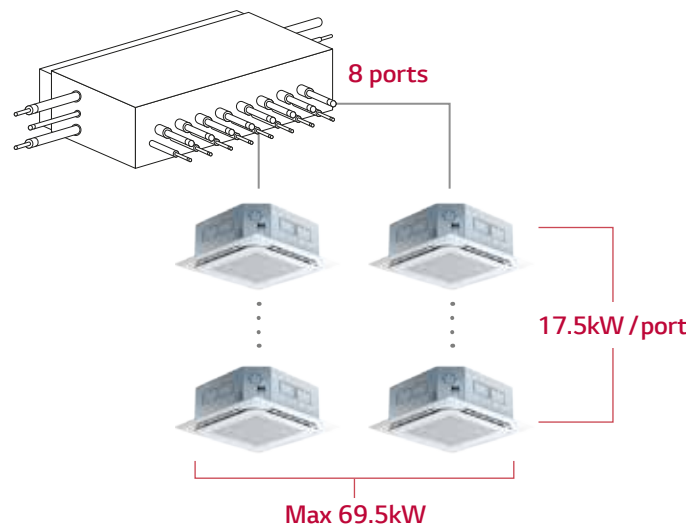
Physical Properties			PRHR023	PRHR033	PRHR043	PRHR063	PRHR083
Net Weight		kg	16	17.8	19.3	28.3	31.8
Dimensions	Box Only (W x H x D)	mm		486 x 218 x 481		793 x 218 x 481	
	With Pipes (W x H x D)	mm		786 x 218 x 657		1113 x 218 x 657	

Piping Connections			PRHR023	PRHR033	PRHR043	PRHR063	PRHR083
Indoor Unit	Liquid	mm/inch	9.52 - 6.35 (3/8 - 1/4)				
	Gas	mm/inch	15.88 - 12.7 (5/8 - 1/2)				
Outdoor Unit	Liquid	mm/inch	9.52 (3/8)	12.7 (1/2)		15.88 (5/8)	
	Gas Low Pressure	mm/inch	22.2 (7/8)	28.58 (1-1/8)		28.58 (1-1/8)	
	Gas High Pressure	mm/inch	19.05 (3/4)	22.2 (7/8)		22.2 (7/8)	

List Price	£	PRHR023	PRHR033	PRHR043	PRHR063	PRHR083
		£1,069.00	£1,490.00	£1,791.00	£2,371.00	£2,839.00

Note:
 Sound measured at 1.5m away from the center of the unit.
 Operating condition
 - Power source: 220 - 240V, 50Hz
 - Cooling: Indoor temperature (27°C DB, 19°C WB) / Outdoor temperature (35°B, 24°C WB)
 - Heating: Outdoor temperature (20°C DB, 15°C WB) / Outdoor temperature (7°B, 6°C WB).
 Reference acoustic pressure 0dB = 20µPA.
 Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

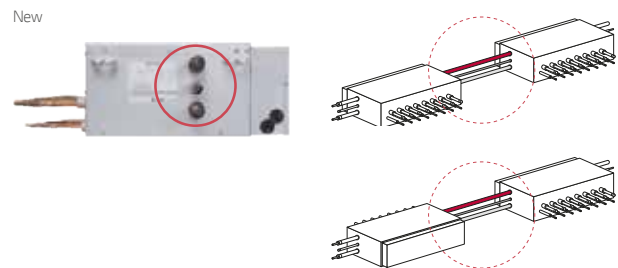
Flexible Connection



Key Features - PRHR023 / PRHR033 / PRHR043 / PRHR063 / PRHR083

- Total connectable capacity increased by 20%
- Reduced standby power of up to 8 W/port by using EEV. (64 W reduction based on 8 connections)
- Serial connection in the same or reverse direction without crossed piping
- Maximum number of serial connection - 16 HR units
- Compatible with existing HR units (old and new mix. Old type can be replaced with new model)

Series connection can be installed without pipes crossing.



INDOOR UNITS

















WALL MOUNTED / CEILING MOUNTED CASSETTE / CEILING MOUNTED ROUND CASSETTE /

CEILING CONCEALED DUCT / FRESH AIR INTAKE / CEILING & FLOOR CONVERTIBLE /

CEILING SUSPENDED / CONSOLE & FLOOR STANDING



COMPATIBILITY

Controller Product		Premium	Standard III	Standard II	Simple	Simple for Hotel	Wireless	Dry Contact						
		PREMTA000 PREMTA000A PREMTA000B	PREMTBB10	PREMTB100	PREMTBB01	PREMTB001	PQRCVCLQ0	PQRCVCLQ0W	PQRCHA0Q	PQRCHAQW	PWLSSB21H (H/P)	Simple Dry Contact PDRYCB000	2 points Dry Contact PDRYCB400	Dry Contact for Thermostat PDRYCB320
MULTI V	 4 Way ARNJ-A4 ARNJ-B4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 2 Way / 1 Way ARNJ-B4 ARNJ-C4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Round CST ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 High Sensible ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 High / Mid Static ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Low Static ARNJ-G4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 FAU (Fresh Air intake) ARNJ-Z4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Convertible & Ceiling Suspended ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Console ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Floor Standing ARNJ-A4 ARNJ-U4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Wall Mounted ARNJ-A4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 Energy Recovery Ventilator ARNJ-A4 ARNJ-C4 ARNJ-N4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
	 HYDRO KIT 1) ARNJ-A4	-	-	-	-	-	-	☐	-	☐	-	-	-	-
	 Energy Recovery Ventilator	☐	☐	☐	-	-	-	☐	-	-	-	-	-	☐
	 Energy Recovery Ventilator	☐	☐	☐	-	-	-	☐	-	-	-	-	-	☐
	 AHU Communication Kit	☐	☐	☐	-	-	-	☐	-	-	-	-	-	-

☐ O : Compatible, △ : Need wired remote controller / IR receiver, - : Not compatible
1) It has a separate remote controller

ARTCOOL GALLERY

ARNU07GSF14 / ARNU09GSF14 / ARNU12GSF14



Changable photos:

- Company logo
- Floor plan
- Artwork



Model	Unit	ARNU07GSF14	ARNU09GSF14	ARNU12GSF14	
Cooling Capacity	kW	2.2	2.8	3.6	
Heating Capacity	kW	2.5	3.2	4.0	
Power Input (H / M / L)	Nominal	W	28 / 16 / 10	32 / 20 / 12	
	Body	mm	600 x 600 x 146	600 x 600 x 146	600 x 600 x 146
Dimensions (W x H x D)	Shipping	mm	685 x 670 x 215	685 x 670 x 215	685 x 670 x 215
	Type		Turbo Fan	Turbo Fan	Turbo Fan
Fan	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1
	Air Flow Rate (H / M / L)	m ³ /min	8.1 / 6.3 / 4.2	8.1 / 6.3 / 4.2	9.3 / 7.7 / 6.0
	Motor Type		BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)
Weight	Body	kg	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 38 / 32
Sound Power Levels (H / M / L)		dB(A)	48 / 46 / 41	48 / 46 / 41	54 / 46 / 38
Power Supply	Ø, V, Hz		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable	mm ² x No.		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
List Price - Indoor Unit Only	£	£736.00	£755.00	£764.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27[°] (80.6[°]) DB / 19[°] (66.2[°]) WB, Outdoor temp. 35[°] (95[°]) DB / 24[°] (75.2[°]) WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20[°] (68[°]) DB / 15[°] (59[°]) WB, Outdoor temp. 7[°] (44.6[°]) DB / 6[°] (42.8[°]) WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

DESCRIPTION	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNV50
EEV Kit	PRGK024A0
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ Applied, - : Not applied

Option : Refer to model name in table

External installation only

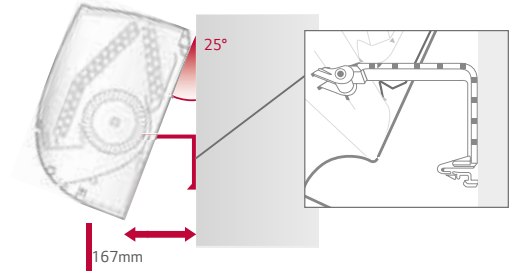
WALL MOUNT - STANDARD

ARNU05GSJ*4 / ARNU07GSJ*4
 ARNU09GSJ*4 / ARNU12GSJ*4
 ARNU15GSJ*4
 ARNU18GSK*4 / ARNU24GSK*4



Ionizer^{PLUS}

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



Model	Unit	ARNU05GSJ*4	ARNU07GSJ*4	ARNU09GSJ*4	ARNU12GSJ*4	ARNU15GSJ*4	ARNU18GSK*4	ARNU24GSK*4	
Cooling Capacity	kW	1.6	2.2	2.8	3.6	4.5	5.6	7.1	
Heating Capacity	kW	1.8	2.5	3.2	4.0	5.0	6.3	7.5	
Power Input (H / M / L)	Nominal W	11 / 10 / 9	12 / 11 / 9	13 / 12 / 9	15 / 13 / 11	23 / 18 / 11	32 / 26 / 16	39 / 26 / 16	
Exterior Color		White	White	White	White	White	White	White	
RAL Code		RAL 9016	RAL 9016	RAL 9016	RAL 9016	RAL 9016	RAL 9016	RAL 9016	
Dimensions (W x H x D)	Body	mm	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189	818 x 316 x 189	975 x 354 x 209	975 x 354 x 209	
	Shipping	mm	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249	892 x 381 x 249	1,063 x 420 x 274	1,063 x 420 x 274	
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	30 x 1	58 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	6.8 / 6.5 / 5.9	7.2 / 6.8 / 5.9	7.8 / 7.2 / 5.9	8.5 / 7.8 / 6.8	10.5 / 9.5 / 6.8	14.0 / 12.0 / 10.5	15.2 / 12.7 / 10.5
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)	
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)	
Weight	Body	kg	8.4	8.4	8.4	8.4	12.2	12.2	
Sound Pressure Levels (H / M / L)	dB(A)	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	43 / 39 / 34	46 / 41 / 34	
Sound Power Levels (H / M / L)	dB(A)	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54	63 / 57 / 54	65 / 60 / 54	
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Communication Cable	mm ² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	
List Price - Indoor Unit Only	£	£575.00	£605.00	£623.00	£629.00	£647.00	£681.00	£750.00	

* : N or C can be applied which has little bit different shape of panel.

Note: 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
 - Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	○
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input ¹⁾), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	○

○ Applied, - : Not applied

Option : Refer to model name in table

WALL MOUNT - STANDARD

ARNU30GSVA4 / ARNU36GSVA4



Model	Unit	ARNU30GSVA4	ARNU36GSVA4
Cooling Capacity	kW	8.8	10.4
Heating Capacity	kW	9.4	10.8
Power Input (H / M / L)	Nominal W	54 / 43 / 31	85 / 51 / 36
Exterior Color		White	White
RAL Code		RAL 9016	RAL 9016
Dimensions (W x H x D)	Body	mm	1,190 x 346 x 265
	Shipping	mm	1,265 x 432 x 335
Fan	Type		Cross Flow Fan
	Motor Output x Number	W x No.	113 x 1
	Air Flow Rate (H / M / L)	m ³ /min	23.0 / 20.0 / 17.0
	Motor Type		BLDC
Air Filter		Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16 (5/8)
Weight	Body	kg	16.6
Sound Pressure Levels (H / M / L)		dB(A)	49 / 44 / 42
Power Supply		Ø, V, Hz	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 - 1.5 x 2C
List Price - Indoor Unit Only	£	£831.00	£876.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	-
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMDD200 ²⁾

○ Applied, - : Not applied

Option : Refer to model name in table

1) External installation only

4 WAY CASSETTE (570 X 570)

ARNU05GTRB4 / ARNU07GTRB4

ARNU09GTRB4 / ARNU12GTRB4



Model	Unit	ARNU05GTRB4	ARNU07GTRB4	ARNU09GTRB4	ARNU12GTRB4
Cooling Capacity	kW	1.6	2.2	2.8	3.6
Heating Capacity	kW	1.8	2.5	3.2	4.0
Power Input (H / M / L)	Nominal	W	13 / 12 / 11	13 / 12 / 11	14 / 13 / 12
Dimensions (W x H x D)	Body	mm	570 x 214 x 570	570 x 214 x 570	570 x 214 x 570
	Shipping	mm	667 x 285 x 646	667 x 285 x 646	667 x 285 x 646
Fan	Type		Turbo Fan	Turbo Fan	Turbo Fan
	Motor Output x Number	W	43 x 1	43 x 1	43 x 1
	Air Flow Rate (H / M / L)	m ³ /min	7.5 / 7.0 / 6.6	7.5 / 7.0 / 6.6	8.0 / 7.5 / 7.1
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Pre Filter	Pre Filter	Pre Filter
P i p e Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	12.6	12.6	13.7
Sound Pressure Levels (H / M / L)		dB(A)	29 / 27 / 26	29 / 27 / 26	30 / 29 / 27
Sound Power Levels (H / M / L)		dB(A)	45 / 43 / 42	45 / 43 / 42	46 / 43 / 42
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
List Price - Indoor Unit Only	£	£807.00	£850.00	£871.00	£892.00

D e c o r a t i o n Panel (Accessory)	Model Name	PT-UQC / PT-QCHW0 / PT-QAGW0
	Exterior Color	Morning Fog
	RAL Code	RAL 9001
	Net Dimensions (W x H x D)	700 x 22 x 700 / 620 x 34 x 620 / 620 x 34 x 620
	Net Weight	3.0
List Price - decoration panel only	£	£132.00 / £140.00 / £127.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	PTDCQ
Refrigerant Leakage Detector	PRLDNV50
EEV Kit	PRGK024A0 (~4.5kW)
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

Option : Refer to model name in table

4 WAY CASSETTE (570 X 570)

ARNU15GTQB4 / ARNU18GTQB4

ARNU21GTQB4



Model	Unit	ARNU15GTQB4	ARNU18GTQB4	ARNU21GTQB4	
Cooling Capacity	kW	4.5	5.6	6.0	
Heating Capacity	kW	5.0	6.3	6.8	
Power Input (H / M / L)	Nominal	24 / 21 / 18	25 / 22 / 19	28 / 23 / 20	
	W				
Dimensions (W x H x D)	Body	570 x 256 x 570	570 x 256 x 570	570 x 256 x 570	
	Shipping	667 x 327 x 646	667 x 327 x 646	667 x 327 x 646	
Fan	Type	Turbo Fan	Turbo Fan	Turbo Fan	
	Motor Output x Number	43 x 1	43 x 1	43 x 1	
	Air Flow Rate (H / M / L)	11.0 / 10.0 / 9.3	11.2 / 11.0 / 10.0	12.0 / 11.1 / 9.4	
	Motor Type	BLDC	BLDC	BLDC	
Air Filter		Pre Filter	Pre Filter	Pre Filter	
P i p e Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	15.0	15.0	15.0
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 32	37 / 35 / 34	40 / 38 / 34
Sound Power Levels (H / M / L)		dB(A)	50 / 48 / 46	51 / 50 / 46	53 / 51 / 46
Power Supply		Ø, V, Hz	1,220-240,50	1,220-240,50	1,220-240,50
Communication Cable		mm ² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
List Price - Indoor Unit Only	£	£965.00	£1,064.00	£1,170.00	

D e c o r a t i o n Panel (Accessory)	Model Name	PT-UQC / PT-QCHW0 / PT-QAGW0
	Exterior Color	Morning Fog
	RAL Code	RAL 9001
	Net Dimensions (W x H x D)	700 x 22 x 700 / 620 x 34 x 620 / 620 x 34 x 620
Net Weight	kg	3.0
List Price - Indoor Unit Only	£	£132.00 / £140.00 / £127.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	PTDCQ
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0 (~4.5kW)
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

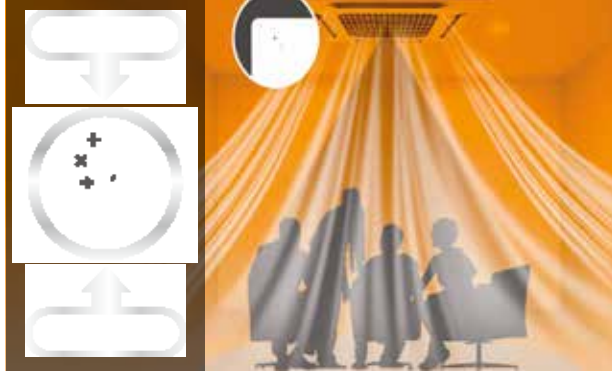
○ : Applied, - : Not applied

Option : Refer to model name in table

SMART DESIGN

Ceiling to Floor Temperature Sensing

Sensing both ceiling and floor temperature the LG dual vane 4 way cassette provides comfort air.



Available only for products with floor temperature sensor.

Human-detection Air Flow

Human detection provides users with direct or indirect air flow preferences.

Indirect comfort

Provides air flow that blows away from user for comfort.



No touch Indirect airflow Comfort

Direct cooling

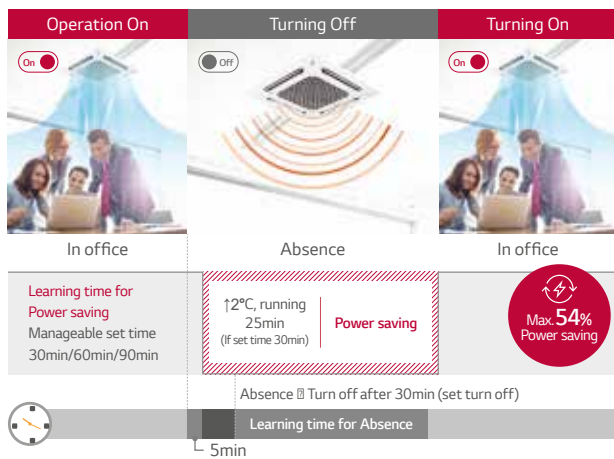
Provides air flow that blows directly onto user for cooling.



Direct airflow 2°C Cooler

Human Detection for Optimised Efficiency

Indoor unit senses human presence to switch on or off for maximum power savings of 54%.



- Smart Dual Vane Indoor Unit '19 Line up.
- Data Based on actual test of LG, single product 2 hours measurement result. (cooling 26 °C, strong wind)

High-performance Air Cleaning

Air cleaning function provides fresh, filtered air.



Convenient and Powerful 5-step Air Cleaning

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



Cycle Management

Pre-filter	Dust Electrification	Ultra Fine Dust Kit	Deodorizing Filter
Easy removable pre-filter	-	6 months / Washable	6 months / Dry

DUAL VANE 4 WAY CASSETTE (840*840)

ARNU24GTBB4 / ARNU28GTBB4 / ARNU30GTBB4
ARNU36GTBB4 / ARNU42GTBB4 / ARNU48GTBB4



Model	Unit	ARNU24GTBB4	ARNU28GTBB4	ARNU30GTBB4	ARNU36GTBB4	ARNU42GTBB4	ARNU48GTBB4	
Cooling Capacity	kW	7.1	8.2	9.0	10.6	12.3	14.1	
Heating Capacity	kW	8.0	9.2	10.0	11.9	13.8	15.9	
Power Input (H / M / L)	Nominal W	32 / 27 / 20	37 / 30 / 22	48 / 36 / 25	69 / 49 / 37	97 / 69 / 49	110 / 76 / 61	
Dimensions (W x H x D)	Body	840 x 204 x 840	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	
	Shipping	922 x 276 x 917	922 x 276 x 917	922 x 276 x 917	922 x 360 x 917	922 x 360 x 917	922 x 360 x 917	
Fan	Type	Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan	Full 3D Turbo Fan	
	Motor Output x Number	51x1	51x1	51x1	135x1	135x1	135x1	
	Air Flow Rate(H/M/L)	18 / 17 / 15	19 / 17 / 15	21 / 19 / 16	29 / 26 / 22	33 / 29 / 26	34 / 30 / 28	
	Motor Type	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm(inch)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	Ø9.52(3/8)	
	Gas Side	mm(inch)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	Ø15.88(5/8)	
	Drain Pipe (Internal Dia.)	mm(inch)	Ø25(1)	Ø25(1)	Ø25(1)	Ø25(1)	Ø25(1)	
Weight	Body	kg	21	21	21	26	26	
Sound Pressure Level (H / M / L)		dB(A)	36 / 34 / 31	39 / 35 / 34	40 / 36 / 33	42 / 39 / 36	44 / 41 / 39	46 / 43 / 41
Sound Power Level (H / M / L)		dB(A)	46 / 44 / 42	50 / 46 / 43	53 / 50 / 45	54 / 51 / 47	56 / 53 / 49	58 / 54 / 53
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Communication Cable	mm ² x No.	1.25 x 2C	1.25 x 2C	1.25 x 2C	1.25 x 2C	1.25 x 2C	1.25 x 2C	
List Price - Indoor Unit Only	£	£1,186.00	£1,303.00	£1,434.00	£1,496.00	£1,576.00	£1,714.00	

Decoration Panel (Accessory)	Model Name	PT-AAGW0 / PT-AFGW0 / PT-AEGW0
	Exterior Color	White
	RAL Code	RAL 9003
	Net Dimensions (W x H x D)	950 x 35 x 950
	Net Weight	7.1 / 7.5 / 8.5
List Price -Decoration Panel Only	£	£144.00 / £200.00 / £662.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis		Price £
Drain Pump	○	
Cassette Cover	PTDCA	£262.00
Refrigerant Leakage Detector	PRLDNVS0	£99.00
EEV Kit	-	
Independent Power Module	PRIP0	£149.00
Robot Cleaner	-	
Pre Filter (washable)	○	
Ion Generator	-	
CO2 Sensor	-	
Ventilation Kit	-	
IR Receiver	-	
Zone Controller	-	
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 Point)	○	
Wi-Fi	PWFMD200	£216.00
Human detection sensor	PTVSAA0	£116.00
Floor Temperature Sensor	PT-AFGW0 ∴	£200.00
Air cleaning kit	PTAHMP0	£745.00
Elevation Grille	PT-AEGW0 ∴	£662.00

2 WAY CASSETTE

ARNU09GTSC4 / ARNU12GTSC4
ARNU18GTSC4 / ARNU24GTSC4



Model	Unit	ARNU09GTSC4	ARNU12GTSC4	ARNU18GTSC4	ARNU24GTSC4	
Cooling Capacity	kW	2.8	3.6	5.6	7.1	
Heating Capacity	kW	3.2	4.0	6.3	8.0	
Power Input (H / M / L)	Nominal	16 / 14 / 11	18 / 14 / 11	19 / 16 / 14	31 / 22 / 14	
	W					
Dimensions (W x H x D)	Body	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600	830 x 225 x 600	
	Shipping	1,055 x 290 x 682	1,055 x 290 x 682	1,055 x 290 x 682	1,055 x 290 x 682	
Fan	Type	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	Motor Output x Number	W x No.	37 x 1	37 x 1	37 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	10.8 / 9.8 / 9.1	11.1 / 10.3 / 9.1	11.8 / 10.8 / 9.8	14.5 / 12.4 / 10.3
	Motor Type		BLDC	BLDC	BLDC	BLDC
	Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter
P i p e Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	18.1	18.1	18.1	18.1
Sound Pressure Levels (H / M / L)		dB(A)	33 / 31 / 29	34 / 32 / 29	35 / 33 / 31	40 / 37 / 33
Sound Power Levels (H / M / L)		dB(A)	42 / 40 / 38	43 / 41 / 39	44 / 42 / 40	48 / 45 / 40
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
List Price - Indoor Unit Only	£	£1,301.00	£1,317.00	£1,455.00	£1,509.00	

D e c o r a t i o n P a n e l (Accessory)	Model Name	PT-USC
	Exterior Color	Morning Fog
	RAL Code	RAL 9001
	Net Dimensions (W x H x D)	mm 1,100 x 28 x 690
	Net Weight	kg 4.7
List Price - Indoor Unit Only	£	£132.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0 (~5.6kW)
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

Option : Refer to model name in table

1 WAY CASSETTE

ARNU07GTUB4 / ARNU09GTUB4 / ARNU12GTUB4 / ARNU18GTTB4 / ARNU24GTTB4



Air Purification kit
PTAHTPO
£117.00



Model	Unit	ARNU07GTUB4	ARNU09GTUB4	ARNU12GTUB4	ARNU18GTTB4	ARNU24GTTB4	
Cooling Capacity	kW	2.2	2.8	3.6	5.6	7.1	
Heating Capacity	kW	2.5	3.2	4.0	6.3	7.1	
Power Input (H / M / L)	Nominal W	20 / 18 / 16	22 / 20 / 18	24 / 22 / 20	38 / 28 / 24	51 / 33 / 26	
Dimensions (W x H x D)	Body	mm	860 x 132 x 450	860 x 132 x 450	860 x 132 x 450	1,180 x 132 x 450	
	Shipping	mm	1,129 x 259 x 538	1,129 x 259 x 538	1,129 x 259 x 538	1,499 x 259 x 538	
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
	Motor Output x Number	W x No.	30 x 1	30 x 1	30 x 1	30 x 1	
	Air Flow Rate (H / M / L)	m³/min	8.2 / 7.3 / 6.4	9.2 / 8.6 / 8.2	10.0 / 9.2 / 8.2	13.3 / 12.1 / 10.9	14.6 / 13.3 / 11.5
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	
Weight	Body	kg	13.6	13.6	13.6	15.6	
Sound Pressure Levels (H / M / L)	dB(A)	32 / 29 / 25	35 / 34 / 32	38 / 35 / 32	40 / 37 / 35	43 / 40 / 36	
Sound Power Levels (H / M / L)	dB(A)	47 / 44 / 41	50 / 48 / 47	52 / 50 / 47	56 / 51 / 48	59 / 53 / 50	
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	
Communication Cable	mm² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	
List Price - Indoor Unit Only	£	£1,236.00	£1,301.00	£1,317.00	£1,382.00	£1,451.00	

Decoration Panel (Accessory)	Model Name	PT-UAHGO (panel type) PT-UPHG0, grille type 7-9-12 only PT-TAHWO, grille type 18 & 24 only				
	Exterior Color	Noble White				
	RAL Code	RAL 9003				
	Net Dimensions (W x H x D)	mm	1,420 x 34 x 500			
	Net Weight	kg	5.5 / 6.5			
List Price - Indoor Unit Only	£	PT-UAHGO = £186.00 PT-UPHG0 (7,9,12 only) = £132.00 PT-TAHWO standard(18,24 only) = £129.00 PT-TPHG0 premium panel = £132.00				

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	ARNU07GTUB4	ARNU09GTUB4	ARNU12GTUB4	ARNU18GTTB4	ARNU24GTTB4
Drain Pump		○			○
Cassette Cover		-			-
Refrigerant Leakage Detector		PRLDNVSO			PRLDNVSO
EEV Kit		PRGK024A0			-
Independent Power Module		PRIPO			PRIPO
Robot Cleaner		-			-
Pre Filter (Washable)		○			○
Ion Generator		-			-
CO2 Sensor		-			-
Ventilation Kit		-			-
IR Receiver		-			-
Zone Controller		-			-
Dry Contact (with additional accessory)		PDRYCB000 (1 point contact), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)		PDRYCB000 (1 point contact), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)		○		○	
Air Cleaning Kit		PTAHTPO (with PT-TPHG0)		PTAHTPO (with PT-TPHG0)	
Wi-Fi		PWFMD200		PWFMD200	

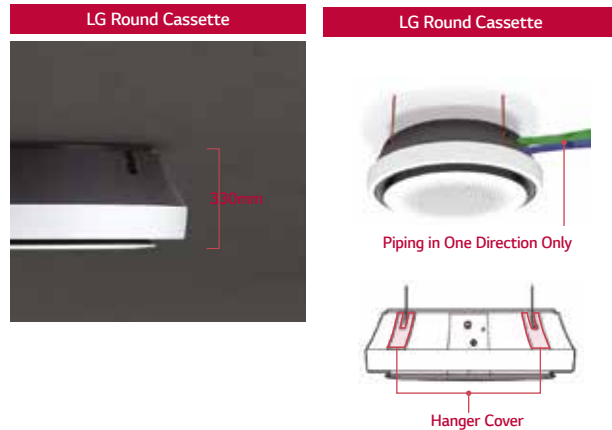
○ : Applied, - : Not applied

Option : Refer to model name in table

NEW DESIGN

Slim and Compact design

Pipes are brought together in one place to minimise exposure. Hanger covers hide installations to add a clean look.

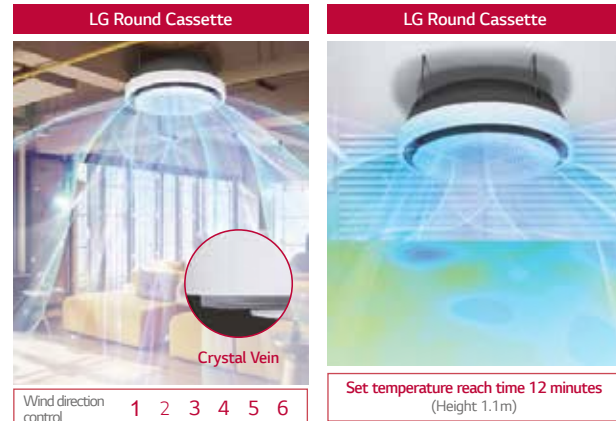


Perfect round air flow



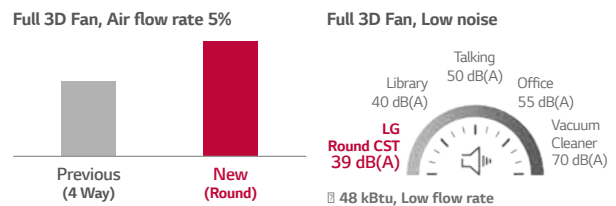
Visible air flow

With crystal vein for 6-step precision control, you can send cool / heated air wherever you want. And fast cooling.



Powerful and Quiet air flow

3D fan increases airflow by 5% and noise reduction technology makes a quieter, more comfortable space.



Larger airflow rate, cooling rate is faster than 30%.

	Cassette	Round
Smart	Wi-Fi	0
Energy Efficiency	Human Detect Sensor	-
	Drain Pump	0
	Sleep Mode	0
Comfort	Timer (on / off)	0
	Timer (weekly)	0
	Two Thermistor Control	0
	Group Control	0

□ Based on test results from LG chamber, this image is designed to help customers understand. Experimental environment: height 3.2m, 48 kBTu, cooling mode, high flow rate, horizontal air flow direction

ROUND CEILING CASSETTE

ARNU24GTYA4 / ARNU36GTYA4
ARNU48GTYA4



Model	Unit	ARNU24GTYA4	ARNU36GTYA4	ARNU48GTYA4	
Cooling Capacity	kW	7.1	10.6	14.1	
Heating Capacity	kW	8.0	11.9	15.9	
Power Input (H / M / L)	Nominal	W	44 / 36 / 29	63 / 47 / 36	98 / 70 / 44
	Body	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Dimensions (W x H x D)	Shipping	mm	1,137 x 395 x 1,132	1,137 x 395 x 1,132	1,137 x 395 x 1,132
	Type		3D Turbo Fan	3D Turbo Fan	3D Turbo Fan
Fan	Motor Output x Number	W	157 x 1	157 x 1	157 x 1
	Air Flow Rate (H/M/L)	m ³ /min	22 / 21 / 19	27 / 24 / 21	32 / 28 / 23
	Motor Type		BLDC	BLDC	BLDC
Air Filter			Long life	Long life	Long life
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe(Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)
Weight	Body	kg	30	30	30
Sound Pressure Level (H / M / L)		dB(A)	39 / 37 / 34	43 / 39 / 37	47 / 44 / 39
Sound Power Level (H / M / L)		dB(A)	48 / 46 / 43	52 / 48 / 46	56 / 53 / 48
Power Supply		∅, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0-1.5 x 2C	1.0-1.5 x 2C	1.0-1.5 x 2C
List Price - Indoor Unit Only	£	£1,841.00	£2,254.00	£2,521.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	-
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO2 Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 Point)	○
Wi-Fi	PWFMD200
Human Detection Sensor	-
Floor Temperature Sensor	-
Air Purification Kit	PTAHYP0
Elevation Grille	-

○ : Applied, - : Not applied

Option : Refer to model name in table

LOW STATIC DUCT [SLIM]

ARNU05GL4G4 / ARNU07GL4G4

ARNU09GL4G4 / ARNU12GL5G4



Model	Unit	ARNU05GL4G4	ARNU07GL4G4	ARNU09GL4G4	ARNU12GL5G4	
Cooling Capacity	kW	1.8	2.2	2.8	3.6	
Heating Capacity	kW	2.2	2.5	3.2	4	
Power Input (H / M / L)	Nominal W	15 / 13 / 11	28 / 24 / 21	28 / 24 / 21	43 / 38 / 35	
Dimensions (W x H x D)	Body	700 x 190 x 460	700 x 190 x 460	700 x 190 x 460	900 x 190 x 460	
	Shipping	925 x 255 x 561	925 x 255 x 561	925 x 255 x 561	1,125 x 255 x 561	
Fan	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor Output x Number	W x No.	19 x 1	19 x 1	19 x 1	19 x 1+5x 1
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m ³ /min	7.0 / 6.5 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0
	External Static Pressure (High Mode)	mmAq (Pa)	1 (10)	1 (10)	1 (10)	1 (10)
	Air Flow Rate (H / M / L) (Standard Mode)	m ³ /min	7.0 / 6.5 / 5.5	7.5 / 6.5 / 5.5	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0
	External Static Pressure (Standard Mode)	mmAq (Pa)	0(0)	0(0)	0(0)	0(0)
	Motor Type		BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	
P i p e Connections	Liquid Side	mm (inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm (inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25.4(1)	Ø25.4(1)	Ø25.4(1)	Ø25.4(1)
Weight	Body	kg	14.6(32.2)	14.6(32.2)	14.6(32.2)	20(44.1)
Sound Pressure Levels (H / M / L)		dB(A)	25 / 24 / 22	26 / 24 / 22	28 / 25 / 22	29 / 27 / 25
Sound Power Levels (H / M / L)		dB(A)	37 / 36 / 34	38 / 37 / 33	40 / 37 / 34	41 / 38 / 38
Power Supply	Ø, V, Hz		220 - 230 - 240, 1,50/60	220 - 230 - 240, 1,50/60	220 - 230 - 240, 1,50/60	220 - 230 - 240, 1,50/60
Transmission Cable	mm ²		1.0-1.5 x 2C	1.0-1.5 x 2C	1.0-1.5 x 2C	1.0-1.5 x 2C
List Price - Indoor Unit Only	£	£718.00	£734.00	£755.00	£765.00	

Note :

1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27B (80.6B) DB / 19B (66.2B) WB, Outdoor temp. 35B (95B) DB / 24B (75.2B) WB, Interconnecting piping length 7.5m, Level difference of zero
 - Heating : Indoor temp. 20B (68B) DB / 15B (59B) WB, Outdoor temp. 7B (44.6B) DB / 6B (42.8B) WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Drain Pump	☐
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (Washable)	☐
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	ABZCA
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	☐
Wi-Fi	PWFMDD200

☐ : Applied, - : Not applied

Option : Refer to model name in table

LOW STATIC DUCT [SLIM]

ARNU15GL5G4 / ARNU18GL5G4

ARNU21GL6G4 / ARNU24GL6G4



Model	Unit	ARNU15GL5G4	ARNU18GL5G4	ARNU21GL6G4	ARNU24GL6G4
Cooling Capacity	kW	4.5	5.6	6.3	7.1
Heating Capacity	kW	5	6.3	7.1	8
Power Input (H / M / L)	Nominal W	54 / 45 / 38	57 / 39 / 30	65 / 50 / 42	81 / 59 / 43
Dimensions (W x H x D)	Body	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460
	Shipping	mm	1,125 x 255 x 561	1,125 x 255 x 561	1,325 x 255 x 561
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1+5x 1	19 x 1+5x 1	19 x 2
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m ³ /min	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0
	External Static Pressure (High Mode)	mmAq (Pa)	1 (10)	1 (10)	1 (10)
	Air Flow Rate (H / M / L) (Standard Mode)	m ³ /min	12.5 / 10.0 / 8.5	15.0 / 12.5 / 10.0	17.5 / 14.0 / 12.0
	External Static Pressure (Standard Mode)	mmAq (Pa)	0(0)	0(0)	0(0)
	Motor Type		BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter
P i p e Connections	Liquid Side	mm (inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)
	Gas Side	mm (inch)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25.4(1)	Ø25.4(1)	Ø25.4(1)
Weight	Body	kg	20(44.1)	20(44.1)	22(48.5)
Sound Pressure Levels (H / M / L)		dB(A)	32 / 29 / 27	35 / 32 / 29	35 / 30 / 29
Sound Power Levels (H / M / L)		dB(A)	45 / 42 / 40	47 / 45 / 42	53 / 48 / 46
Power Supply	Ø, V, Hz		220 - 230 - 240, 1,50/60	220 - 230 - 240, 1,50/60	220 - 230 - 240, 1,50/60
Transmission Cable	mm ²		1.0-1.5 x 2C	1.0-1.5 x 2C	1.0-1.5 x 2C
List Price - Indoor Unit Only	£	£813.00	£847.00	£857.00	£873.00

Note :

1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27B (80.6B) DB / 19B (66.2B) WB, Outdoor temp. 35B (95B) DB / 24B (75.2B) WB, Interconnecting piping length 7.5m, Level difference of zero
 - Heating : Indoor temp. 20B (68B) DB / 15B (59B) WB, Outdoor temp. 7B (44.6B) DB / 6B (42.8B) WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Drain Pump	☐
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (Washable)	☐
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	ABZCA
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	☐
Wi-Fi	PWFMD200

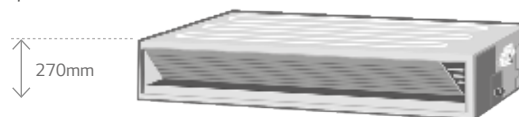
☐ : Applied, - : Not applied

Option : Refer to model name in table

MID STATIC DUCT

ARNU07GM1A4 / ARNU09GM1A4 / ARNU12GM1A4
ARNU15GM1A4 / ARNU18GM1A4 / ARNU24GM1A4

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



Model	Unit	ARNU07GM1A4	ARNU09GM1A4	ARNU12GM1A4	ARNU15GM1A4	ARNU18GM1A4	ARNU24GM1A4	
Cooling Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	
Heating Capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0	
Power Input (H / M / L)	Nominal W	39 / 30 / 25	40 / 32 / 26	46 / 38 / 31	67 / 53 / 46	85 / 63 / 55	91 / 74 / 58	
Dimensions (W x H x D)	Body	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	900 x 270 x 700	
	Shipping	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	1,100 x 338 x 773	
Fan	Type	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor Output x Number	W x No.	136 x 1	136 x 1	136 x 1	136 x 1	136 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
	External Static Pressure (High Mode)	mmAq (Pa)	6 (59)	6 (59)	6 (59)	6 (59)	6 (59)	6 (59)
	Air Flow Rate (H / M / L) (Standard Mode)	m ³ /min	9.0 / 7.5 / 6.0	9.5 / 7.5 / 6.0	11.0 / 9.0 / 7.0	16.0 / 12.0 / 9.0	17.0 / 14.5 / 12.0	19.0 / 16.0 / 14.0
	External Static Pressure (Standard Mode)	mmAq (Pa)	2.5 (25)	2.5 (25)	2.5 (25)	2.5 (25)	2.5 (25)	2.5 (25)
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)	
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)	
	Drain Pipe (Internal Dia.)	mm (inch)	25 (1)	25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	
Weight	Body	kg	25.5	25.5	25.5	25.5	26.5	
Sound Pressure Levels (H / M / L)		dB(A)	26 / 24 / 23	27 / 25 / 23	27 / 25 / 23	30 / 27 / 23	31 / 28 / 25	32 / 29 / 26
Sound Power Levels (H / M / L)		dB(A)	55 / 54 / 51	55 / 54 / 52	56 / 54 / 52	59 / 57 / 55	59 / 57 / 55	59 / 58 / 56
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	
Communication Cable	mm ² x No.		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	
List Price - Indoor Unit Only	£	£780.00	£799.00	£811.00	£861.00	£898.00	£928.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	PRGK024A0 (~5.6kW)
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	ABZCA
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

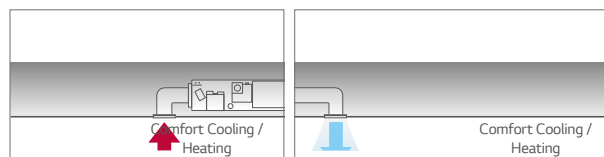
Option : Refer to model name in table

MID STATIC DUCT

ARNU28GM2A4 / ARNU36GM2A4 / ARNU42GM2A4
ARNU48GM3A4 / ARNU54GM3A4

External Static Pressure (ESP) Control

User has easy access to air volume selection via remote controller using the ESP control function. The BLDC motor can control fan speed and air volume. No additional accessories are necessary to control air flow.



Model	Unit	ARNU28GM2A4	ARNU36GM2A4	ARNU42GM2A4	ARNU48GM3A4	ARNU54GM3A4	
Cooling Capacity	kW	8.2	10.6	12.3	14.1	15.8	
Heating Capacity	kW	9.2	11.9	13.8	15.9	18.0	
Power Input (H / M / L)	Nominal W	123 / 81 / 57	184 / 123 / 81	231 / 162 / 111	172 / 105 / 65	260 / 215 / 172	
Dimensions (W x H x D)	Body	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	
	Shipping	mm	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 338 x 773	1,450 x 428 x 773	
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
	Motor Output x Number	W x No.	350 x 1	350 x 1	350 x 1	350 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	External Static Pressure (High Mode)	mmAq (Pa)	6 (59)	6 (59)	6 (59)	6 (59)	6 (59)
	Air Flow Rate (H / M / L) (Standard Mode)	m ³ /min	28.0 / 24.0 / 21.0	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
	External Static Pressure (Standard Mode)	mmAq (Pa)	5 (49)	5 (49)	5 (49)	5 (49)	5 (49)
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)	Ø25 (1)	Ø25 (1)	Ø25 (1)	
Weight	Body	kg	38.0	38.0	39.5	44.0	
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 33	37 / 36 / 34	38 / 37 / 36	39 / 37 / 35	42 / 40 / 39
Sound Power Levels (H / M / L)		dB(A)	59 / 57 / 55	60 / 59 / 57	62 / 61 / 60	63 / 60 / 59	65 / 64 / 62
Power Supply	Ø, V, Hz		1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Communication Cable	mm ² x No.		1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	
List Price - Indoor Unit Only	£	£1,019.00	£1,120.00	£1,233.00	£1,339.00	£1,539.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	-
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	ABZCA
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

Option : Refer to model name in table

HIGH STATIC DUCT

ARNU76GB8A4 / ARNU96GB8A4

Model	Unit	ARNU76GB8A4	ARNU96GB8A4
Cooling Capacity	kW	22.4	28.0
Heating Capacity	kW	25.2	31.5
Power Input (H / M / L)	Nominal W	765 / 500 / 500	800 / 750 / 750
Dimensions (W x H x D)	Body mm	1,562 x 460 x 688	1,562 x 460 x 688
	Shipping mm	1,806 x 537 x 825	1,806 x 537 x 825
Fan	Type	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	375 x 2
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m ³ /min	60.0 / 50.0 / 50.0
	External Static Pressure (High Mode)	mmAq (Pa)	22 (216)
	Air Flow Rate (H / M / L) (Standard Mode)	m ³ /min	64.0 / 50.0 / 50.0
	External Static Pressure (Standard Mode)	mmAq (Pa)	15 (147)
	Motor Type		BLDC
Air Filter		Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø19.05 (3/4)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)
Weight	Body kg	87.0	87.0
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Communication Cable	mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
List Price - Indoor Unit Only	£	£2,944.00	£3,152.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27□ (80.6□) DB / 19□ (66.2□) WB, Outdoor temp. 35□ (95□) DB / 24□ (75.2□) WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20□ (68□) DB / 15□ (59□) WB, Outdoor temp. 7□ (44.6□) DB / 6□ (42.8□) WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	○
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	○
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	ABZCA
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

Option : Refer to model name in table

FRESH AIR INTAKE UNIT

ARNU76GB8Z4 / ARNU96GB8Z4



Fresh Outdoor Air Supply

The LG Fresh Air Intake Unit (FAU) is the alternative solution for ventilation, which supplies the fresh outdoor air indoors as well as being able to cool and heat air inside simultaneously. It means the indoor space can have positive air pressure consistently, which can block cold, hot or contaminated air from outside.

This allows the indoor space to have consistent positive air pressure blocking cold.

Model	Unit	ARNU76GB8Z4	ARNU96GB8Z4
Cooling Capacity	kW	22.4	28.0
Heating Capacity	kW	21.4	26.7
Power Input (H / M / L)	Nominal	230 / 200 / 200	360 / 230 / 230
	W		
Dimensions (W x H x D)	Body	1,562 x 460 x 688	1,562 x 460 x 688
	Shipping	1,806 x 537 x 825	1,806 x 537 x 825
Fan	Type	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	375 x 1
	Air Flow Rate (H / M / L) (High Mode-Factory Set)	m ³ /min	23.7 / 13.2 / 13.2
	External Static Pressure	mmAq (Pa)	22 (216)
	Motor Type		BLDC
			BLDC
Air Filter		Long Life Filter	Long Life Filter
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø19.05 (3/4)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)
Weight	Body	kg	73.0
			73.0
Sound Pressure Levels (H / M / L)	dB(A)	45 / 43 / 43	47 / 45 / 45
Sound Power Levels (H / M / L)	dB(A)	70 / 67 / 67	72 / 70 / 70
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50
Communication Cable	mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
List Price - Indoor Unit Only	£	£2,858.00	£3,060.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27□ (80.6□) DB / 19□ (66.2□) WB, Outdoor temp. 35□ (95□) DB / 24□ (75.2□) WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20□ (68□) DB / 15□ (59□) WB, Outdoor temp. 7□ (44.6□) DB / 6□ (42.8□) WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

CAUTION

1. Operation range (Cooling : 5°C ~ 43°C, Heating : -5°C ~ 43°C) 2. Installation of exhaust fan is recommended for a sealed room. 3. Indoor Unit Connection

No	Connection Condition	Combination
1	Fresh air intake units only are connected with outdoor units	1) The total capacity of fresh air intake unit should be 50 ~ 100% of outdoor unit. 2) The max quantity of fresh air intake is 4 units.
2	Mixture connection with general indoor unit and fresh intake units	1) The total capacity of indoor units (Standard Indoor Unit + Fresh Air Intake Unit) should be 50 ~ 100% of outdoor unit. 2) The total capacity of fresh air intake unit should be less than 30% of the total capacity of indoor units.

Accessories

Chassis	
Drain Pump	□
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVSO
EEV Kit	-
Independent Power Module	PRIPO
Robot Cleaner	-
Pre Filter (washable)	□
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	PWLRVN000
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	□
Wi-Fi	PWFMD200

□ : Applied, - : Not applied

Option : Refer to model name in table

CEILING & FLOOR CONVERTIBLE UNIT

ARNU09GVEA4 / ARNU12GVEA4



Model	Unit	ARNU09GVEA4	ARNU12GVEA4	
Cooling Capacity	kW	2.8	3.6	
Heating Capacity	kW	3.2	4.0	
Power Input (H / M / L)	Nominal W	19 / 15 / 11	28 / 19 / 15	
Exterior Color		Morning Fog	Morning Fog	
RAL Code		RAL 9001	RAL 9001	
Dimensions (W x H x D)	Body	900 x 490 x 200	900 x 490 x 200	
	Shipping	975 x 279 x 562	975 x 279 x 562	
Fan	Type	Cross Flow Fan	Cross Flow Fan	
	Motor Output x Number	W x No.	27 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	7.6 / 6.9 / 6.2	9.2 / 7.6 / 6.9
		cfm	268 / 244 / 219	325 / 268 / 244
	Motor Type	BLDC	BLDC	
Air Filter		Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	
	Gas Side	mm (inch)	Ø12.7 (1/2)	
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16 (5/8)	
Weight	Body	kg	13.3	
Sound Pressure Levels (H / M / L)		dB(A)	36 / 32 / 28	
Sound Power Levels (H / M / L)		dB(A)	55 / 51 / 45	
Power Supply	Ø, V, Hz		1, 220-240, 50	
Communication Cable	mm ² x No.		1.0 - 1.5 x 2C	
List Price - Indoor Unit Only	£	£844.00	£865.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	-
Refrigerant Leakage Detector	-
EEV Kit	PRLDNVS0
Independent Power Module	PRGK024A0
Plasma Kit	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

□ ○ : Applied, - : Not Applied

Option: Refer to model name in table

CEILING SUSPENDED UNIT

ARNU18GV1A4 / ARNU24GV1A4

ARNU36GV2A4 / ARNU48GV2A4



Model	Unit	ARNU18GV1A4	ARNU24GV1A4	ARNU36GV2A4	ARNU48GV2A4
Cooling Capacity	kW	5.6	7.1	10.6	14.1
Heating Capacity	kW	6.3	8.0	11.9	15.9
Power Input (H / M / L)	Nominal W	23 / 20 / 17	25 / 21 / 17	84 / 77 / 66	91 / 79 / 66
Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog
RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690
	Shipping	mm	1,315 x 320 x 772	1,315 x 320 x 772	1,715 x 320 x 772
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Motor Output x Number	W x No.	85.9 x 1	85.9 x 1	125 x 1
	Air Flow Rate (H / M / L)	m ³ /min	13.5 / 12.5 / 12.0	14.0 / 13.0 / 12.0	27.0 / 24.0 / 20.0
	Motor Type		BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø16 (5/8)	Ø16 (5/8)	Ø16 (5/8)
Weight	Body	kg	29.0	29.0	37.0
Sound Pressure Levels (H / M / L)		dB(A)	36 / 34 / 33	37 / 35 / 33	48 / 46 / 44
Sound Power Levels (H / M / L)		dB(A)	61 / 59 / 56	62 / 59 / 56	68 / 66 / 64
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C	1.0 ~ 1.5 x 2C
List Price - Indoor Unit Only	£	£1,114.00	£1,185.00	£1,505.00	£1,800.00

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero

- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	-
Independent Power Module	PRIP0
Robot Cleaner	-
Pre Filter (washable)	○
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not Applied

Option: Refer to model name in table

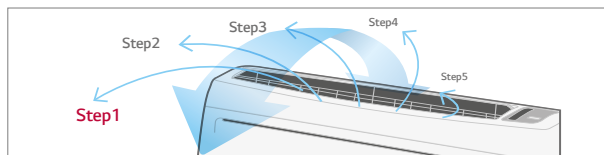
CONSOLE (LOW WALL)

ARNU07GQAA4 / ARNU09GQAA4



5-Step Vane Control

There are 5 different stages to control air flow direction.



Model	Unit	ARNU07GQAA4	ARNU09GQAA4	ARNU12GQAA4	ARNU15GQAA4	
Cooling Capacity	kW	2.2	2.8	3.6	4.5	
Heating Capacity	kW	2.5	3.2	4.0	5.0	
Power Input (H / M / L)	Nominal W	15 / 12 / 10	15 / 12 / 10	18 / 15 / 13	24 / 19 / 17	
Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	
RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001	
Dimensions (W x H x D)	Body	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210	
	Shipping	775 x 662 x 284	775 x 662 x 284	775 x 662 x 284	775 x 662 x 284	
Fan	Type	Turbo fan	Turbo fan	Turbo fan	Turbo fan	
	Motor Output x Number	W x No.	48 x 1	48 x 1	48 x 1	
	Air Flow Rate (H / M / L)	m ³ /min	6.7 / 5.9 / 4.8	6.7 / 5.9 / 4.8	7.5 / 5.9 / 4.8	8.7 / 6.7 / 5.9
	Motor Type		BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)
Weight	Body	kg	14.0	14.0	14.0	14.0
Sound Pressure Levels (H / M / L)		dB(A)	37 / 34 / 28	37 / 34 / 28	39 / 34 / 28	42 / 37 / 31
Sound Power Levels (H / M / L)		dB(A)	53 / 50 / 44	53 / 50 / 44	56 / 50 / 44	58 / 53 / 50
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
List Price - Indoor Unit Only	£	£911.00	£932.00	£955.00	£1,032.00	

Note : 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVSO
EEV Kit	PRGK024A0
Independent Power Module	PRIPO
Robot Cleaner	-
Pre Filter (washable)	☐
Ion Generator	☐
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)
External Input (1 point)	☐
Wi-Fi	PWFMD200

☐ ○ : Applied, - : Not Applied

Option: Refer to model name in table

FLOOR STANDING UNIT (CASED/UNCASED)

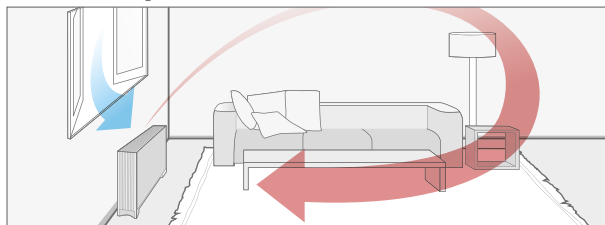
ARNU07GCE*4 / ARNU09GCE*4 / ARNU12GCE*4
ARNU15GCE*4 / ARNU18GCF*4 / ARNU24GCF*4



* U : Floor Standing without case

* A : Floor Standing with case

With Floor Standing



Model	Unit	ARNU07GCE*4	ARNU09GCE*4	ARNU12GCE*4	ARNU15GCE*4	ARNU18GCF*4	ARNU24GCF*4
Cooling Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating Capacity	kW	2.5	3.2	4.0	5.0	6.3	8.0
Power Input (H / M / L)	Nominal W	24 / 17 / 14	30 / 24 / 17	36 / 30 / 24	44 / 35 / 28	54 / 41 / 29	84 / 54 / 41
Exterior Color		Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog	Morning Fog
RAL Code		RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
Dimensions (W x H x D)	Body	mm	1,067 x 635 x 203	1,067 x 635 x 203	1,067 x 635 x 203	1,345 x 635 x 203	1,345 x 635 x 203
	Shipping	mm	1,154 x 705 x 289	1,154 x 705 x 289	1,154 x 705 x 289	1,154 x 705 x 289	1,432 x 705 x 289
Fan	Type		Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Motor Output x Number	W x No.	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 1, 5 x 1	19 x 2
	Air Flow Rate (H / M / L)	m ³ /min	8.5 / 7.5 / 6.5	9.5 / 8.5 / 7.5	10.5 / 9.5 / 8.5	11.5 / 10.0 / 9.5	16.0 / 14.0 / 12.0
	Motor Type		BLDC	BLDC	BLDC	BLDC	BLDC
Air Filter		Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter	Pre Filter
Pipe Connections	Liquid Side	mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	mm (inch)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)	Ø12 (15/32)
Weight	Body	kg	27.0	27.0	27.0	34.0	34.0
Sound Pressure Levels (H / M / L)	dB(A)	35 / 33 / 31	36 / 34 / 32	37 / 35 / 33	38 / 37 / 35	40 / 37 / 34	43 / 40 / 37
Sound Power Levels (H / M / L)	dB(A)	52 / 47 / 43	54 / 51 / 47	54 / 51 / 50	55 / 54 / 51	57 / 54 / 50	61 / 57 / 54
Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable	mm ² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
List Price - Indoor Unit Only Uncased	£	£822.00	£834.00	£850.00	£880.00	£890.00	£946.00
List Price - Indoor Unit Only Cased	£	£923.00	£936.00	£955.00	£990.00	£1,001.00	£1,059.00

Note: 1. Performance tested under EN14511

2. Capacities are based on the following conditions

- Cooling : Indoor temp. 27°C DB / 19°C WB, Outdoor temp. 35°C DB / 24°C WB, Interconnecting piping length 7.5m, Level difference of zero
- Heating : Indoor temp. 20°C DB / 15°C WB, Outdoor temp. 7°C DB / 6°C WB, Interconnecting piping length 7.5m, Level difference of zero

3. Due to our policy of innovation, some specifications may be changed without notification

Accessories

Chassis		
Drain Pump	-	-
Cassette Cover	-	-
Refrigerant Leakage Detector	PRLDNVSO	PRLDNVSO
EEV Kit	PRGK024AO	-
Independent Power Module	PRIPO	PRIPO
Robot Cleaner	-	-
Pre Filter (washable)	☐	☐
Ion Generator	-	-
CO ₂ Sensor	-	-
Ventilation Kit	-	-
IR Receiver	PWLRVN000	PWLRVN000
Zone Controller	-	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible), PDRYCB320 (Universal input), PDRYCB400 (2 points input), PDRYCB500 (Modbus)	
External Input (1 point)	☐	☐
Wi-Fi	PWFMDD200	PWFMDD200

☐ : Applied, - : Not Applied

Option: Refer to model name in table

HYDRO KIT - WALL MOUNTED

ARNH18GK1A4 / ARNH24GK1A4 / ARNH30GK1A4

NEW



Model		Unit	ARNH18GK1A4	ARNH24GK1A4	ARNH30GK1A4
Power Supply	-	V, Ø, Hz	220-230-240, 1, 50/60	220-230-240, 1, 50/60	220-230-240, 1, 50/60
Capacity (Rated)	Cooling	kW	5.6	7.1	9.0
		kcal/h	4,800	6,100	7,700
		Btu/h	19,100	24,200	30,700
	Heating	kW	5.6	7.1	9.0
		kcal/h	4,800	6,100	7,700
		Btu/h	19,100	24,200	30,700
Input (Rated)	Cooling	W	75	75	75
	Heating	W	75	75	75
Running Current (220 - 230 - 240V)	Cooling / Heating	A	0.70 - 0.67 - 0.64	0.70 - 0.67 - 0.64	0.70 - 0.67 - 0.64
Casing	Material	-	Painted Steel Plate	Painted Steel Plate	Painted Steel Plate
	RAL (Classic)	-	RAL 9003	RAL 9003	RAL 9003
Dimensions	Net(W x H x D)	mm	490 x 850 x 315	490 x 850 x 315	490 x 850 x 315
	Shipping(W x H x D)	mm	1,082 x 563 x 375	1,082 x 563 x 375	1,082 x 563 x 375
Weight	Net	kg	42.0	42.0	42.0
	Shipping	kg	47.0	42.0	42.0
Heat Exchanger	Type	-	Brazed Plate HEX	Brazed Plate HEX	Brazed Plate HEX
	Quantity	EA	1	1	1
	Refrigerant to Water	Number of Plate	EA	54	54
	Water Volume	ℓ	0.7	0.7	0.7
	Rated Water Flow	ℓ/min	15.8	20.1	25.9
Head Loss		m	0.22	0.30	0.40
Water Pump	Type	-	Canned type for hot water circulation	Canned type for hot water circulation	Canned type for hot water circulation
	Model	-	GRUNDFOS UPM3K 20-75 CHBL	GRUNDFOS UPM3K 20-75 CHBL	GRUNDFOS UPM3K 20-75 CHBL
	Motor Type	-	AC Motor	AC Motor	AC Motor
	Steps of Pump Performance	-	Variable capacity 10% to 100%	Variable capacity 10% to 100%	Variable capacity 10% to 100%
	Power input	Min. - Max.	W	3 - 60	3 - 60
Expansion Vessel	Volume	Max.	ℓ	8.0	8.0
	Water pressure	Max.	bar	3.0	3.0
	Water pressure	Pre-charged	bar	1.0	1.0
Strainer	Mesh size	-	28 mesh	28 mesh	28 mesh
	Material	-	Stainless Steel	Stainless Steel	Stainless Steel
Relief valve	Pressure Limit	Upper Limit	bar	3.0	3.0

HYDRO KIT - WALL MOUNTED



Compatible with compact R32 Multi V S

Product Volume (m³)



LG MULTI V S R32

Model		Unit	ARNH18GK1A4	ARNH24GK1A4	ARNH30GK1A4	
Backup Heater	Type	-	Sheath	Sheath	Sheath	
	Number of Heating Coil	EA	2	2	2	
	Capacity Combination	kW	3.0 + 3.0	3.0 + 3.0	3.0 + 3.0	
	Operation	-	Automatic	Automatic	Automatic	
	Heating Steps	Step	2	2	2	
	Power Supply	V, Ø, Hz	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	
	FLA	A	31.0	31.0	31.0	
	Power Cable (H07RN-F) (Included Earth)	mm ² x cores	4.0 x 3C	4.0 x 3C	4.0 x 3C	
Flow Sensor	Type	-	Vortex	Vortex	Vortex	
	Model	-	SIKA VVX20	SIKA VVX20	SIKA VVX20	
	Measuring Range	Min. - Max.	ℓ/min	5 - 80	5 - 80	5 - 80
	Flow (Trigger Point)	Min.	ℓ/min	7.0	7.0	7.0
Temperature Control	-	-	Microprocessor, Thermostat for cooling and heating	Microprocessor, Thermostat for cooling and heating	Microprocessor, Thermostat for cooling and heating	
Water Tank Temperature Sensor	Type(Sensor Holder)	-	Male PT 1/2 inch	Male PT 1/2 inch	Male PT 1/2 inch	
	Length	m	12	12	12	
Sound Absorbing Thermal Insulation Material	-	-	Foamed polystyrene	Foamed polystyrene	Foamed polystyrene	
Safety Device	-	-	Fuse	Fuse	Fuse	
Piping Connections	Water Side	Inlet	-	Male PT 1 inch	Male PT 1 inch	Male PT 1 inch
		Outlet	-	Male PT 1 inch	Male PT 1 inch	Male PT 1 inch
	Refrigerant Side	Liquid	mm(inch)	Ø 9.52(3/8)	Ø 9.52(3/8)	Ø 9.52(3/8)
		Gas	mm(inch)	Ø 15.88(5/8)	Ø 15.88(5/8)	Ø 15.88(5/8)
Power Cable Supply Cable (H07RN-F)	mm ² x cores	2.5 x 3C	2.5 x 3C	2.5 x 3C		
Communication Cable (VCTF-SB)	mm ² x cores	1.0-1.5 x 2C	1.0-1.5 x 2C	1.0-1.5 x 2C		
Refrigerant	Type	-	R32	R32	R32	
	Pre charged Amount	kg (lbs)	-	-	-	
	Refrigerant to Water Additional Charging Amount	kg (each)	0.43	0.43	0.43	
	Control	-	EEV	EEV	EEV	
Sound Pressure Level	Cooling / Heating	Rated	dB(A)	35	35	35
Sound Power Level	Cooling / Heating	Rated	dB(A)	44	44	44
List Price - Indoor Unit Only		£	£3,506.00	£4,022.00	£4,595.00	

HYDRO KIT UNITS

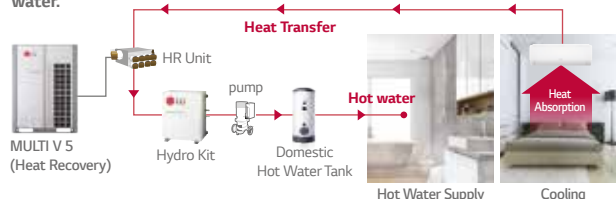
ARNH04GK2A4 / ARNH10GK2A4
ARNH04GK3A4 / ARNH08GK3A4



Energy costs can be minimised by reusing the wasted heat from indoor units.

HYDRO KIT

Absorbed heat from indoor space is used for the production of domestic hot water.



Model	Unit	low temp		high temp	
		ARNH04GK2A4	ARNH10GK2A4	ARNH04GK3A4	ARNH08GK3A4
Cooling Capacity	kW	12.3	28.0	-	-
Heating Capacity	kW	13.8	31.5	13.8	25.2
Power Input	Nominal W	10	10	2,300	5,000
Exterior Color		Morning Gray	Morning Gray	Morning Gray	Morning Gray
RAL Code		RAL 7030	RAL 7030	RAL 7030	RAL 7030
Dimensions (W x H x D)	Body	mm	520 x 631 x 330	520 x 631 x 330	520 x 1,080 x 330
	Shipping	mm	677 x 687 x 418	677 x 687 x 418	682 x 1,168 x 423
Pipe Connections	Liquid Side	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas Side	mm (inch)	Ø15.88 (5/8)	Ø22.2 (7/8)	Ø15.88 (5/8)
	Drain Pipe (Internal Dia.)	A (inch)	25A (Male PT 1)	25A (Male PT 1)	25A (Male PT 1)
Water Pipe Connections	Inlet	A (inch)	25A (Male PT 1)	25A (Male PT 1)	25A (Male PT 1)
	Outlet	A (inch)	25A (Male PT 1)	25A (Male PT 1)	25A (Male PT 1)
Weight	Body	kg	29.2	33.7	87.0
Sound Pressure Levels (H / M / L)		dB(A)	26	26	43
Power Supply		Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Communication Cable		mm ² x No.	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C	1.0 - 1.5 x 2C
List Price - Indoor Unit Only		£	£2,216.00	£3,264.00	£4,456.00

1) Nominal : Performance tested under EN14511

Note : 1. Capacities are based on the following conditions :

- Cooling : Indoor 27°C (80.6°F) DB / 19°C (66.2°F) WB, Outdoor 35°C (95°F) DB / 24°C (75.2°F) WB, Water Inlet 23°C (73.4°F) / Outlet 18°C (64.4°F)
- Heating : Indoor 20°C (68°F) DB / 15°C (59°F) WB, Outdoor 7°C (44.6°F) DB / 6°C (42.8°F) WB, Water Inlet 30°C (86°F) / Outlet 35°C (95°F)

2. Piping Length : Interconnected Pipe Length = 7.5m

3. Difference Limit of Elevation (Outdoor - Indoor Unit) is Zero.

4. MULTI V S 4HP (ARUN040GSS0, ARUN040LSS0) cannot be connected to Hydro Kit.

5. Anti freezing liquid should be added under 10°C (outdoor temp.) during cooling mode.

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNVS0
EEV Kit	-
Independent Power Module	○
Robot Cleaner	-
Pre Filter (washable)	-
Ion Generator	-
CO ₂ Sensor	-
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact), PDRYCB300 (8 points for thermostat compatible) PDRYCB320 (Universal input)
External Input (1 point)	○
Wi-Fi	PWFMD200

○ : Applied, - : Not applied

Option : Refer to model name in table

ENERGY RECOVERY VENTILATION

LZ-H025GBA4 / LZ-H035GBA5
LZ-H050GBA5

CO₂ Auto Operation

LG ERV reduces energy loss with auto fan speed control following CO₂ level



Model	Unit	LZ-H025GBA4	LZ-H035GBA5	LZ-H050GBA5		
Dimensions (W x H x D)	Body	988 x 273 x 1,014				
Weight	Body	44				
Power Supply	Ø, V, Hz	1, 220-240, 50				
Normal Air flow	m ³ /h	250	350	500		
ERV Mode	Operating Step	Super-high / High / Low				
	Current	SH / H / L	A	0.70 / 0.60 / 0.42	1.05 / 0.90 / 0.50	1.65 / 1.56 / 0.80
	Power Input	SH / H / L	W	97 / 87 / 52	150 / 125 / 60	247 / 230 / 95
	Air Flow	SH / H / L	m ³ /h	250 / 250 / 150	350 / 350 / 210	500 / 500 / 320
	External Static Pressure	SH / H / L	Pa	100 / 70 / 50	150 / 100 / 50	150 / 100 / 50
	Temperature Exchange Efficiency	SH / H / L	%	80 / 80 / 83	80 / 80 / 82	79 / 79 / 82
	Enthalpy Exchange Efficiency	Heating (SH / H / L)	%	70 / 70 / 72	75 / 75 / 80	75 / 75 / 78
		Cooling (SH / H / L)	%	66 / 66 / 68	71 / 71 / 75	68 / 68 / 75
	Energy Label	A+ to G Scale		A	B	B
	Sound Pressure Level	SH / H / L	dB(A)	29 / 28 / 24	35 / 32 / 26	37 / 36 / 28
	Sound Power Level	SH / H / L	dB(A)	50	53 / 50 / 42	57 / 56 / 46
Bypass Mode	Operating Step	Super-high / High / Low				
	Current	SH / H / L	A	0.70 / 0.60 / 0.42	1.05 / 0.90 / 0.50	1.65 / 1.56 / 0.80
	Power Input	SH / H / L	W	97 / 87 / 52	150 / 125 / 60	247 / 230 / 95
	Air Flow	SH / H / L	m ³ /h	250 / 250 / 150	350 / 350 / 210	500 / 500 / 320
	External Static Pressure	SH / H / L	Pa	100 / 70 / 50	150 / 100 / 50	150 / 100 / 50
	Sound Pressure Level	SH / H / L	dB(A)	29 / 29 / 25	35 / 33 / 26	37 / 37 / 28
Duct Work	Qty	EA	4			
	Size (Ø)	mm	Ø200			
Supply Air Fan	Qty	EA	1			
	Type		Direct-Drive Sirocco			
Exhaust Air Fan	Qty	EA	1			
	Type		Direct-Drive Sirocco			
Filters	Qty	EA	2			
	Type		Cleanable fibrous fleeces			
	Size (W x H x D)	mm	855 x 10 x 166			
List Price - Indoor Unit Only	£	£705.00	£971.00	£1,241.00		

Note : 1. ERV mode : Total Heat Recovery Ventilation mode

2. * : Refer to dimensional drawings.

3. Noise level :

- The operating conditions are assumed to be standard
- Sound measured at 1.5m below the center the body.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.

4. Temperature and Enthalpy Exchange Efficiency at cooling Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH

5. Temperature and Enthalpy Exchange Efficiency at heating Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH

6. Temperature Exchange efficiency is tested at heating condition.



AHCS100H0
(Internal Type)

£268.00

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	-
EEV Kit	-
Independent Power Module	-
Robot Cleaner	-
Pre Filter (washable)	-
Ion Generator	-
CO ₂ Sensor	○
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB500 (Modbus)
External Input (1 point)	-
Wi-Fi	-

○ : Applied, - : Not applied

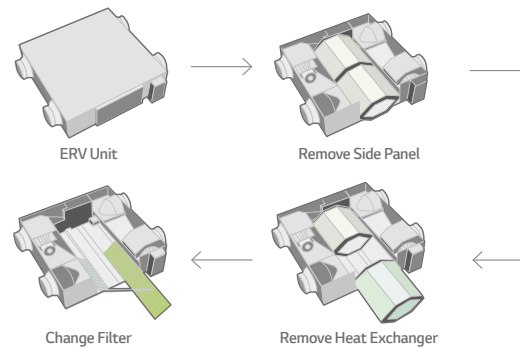
Option : Refer to model name in table

ENERGY RECOVERY VENTILATION

LZ-H080GBA5 / LZ-H100GBA5
LZ-H150GBA5 / LZ-H200GBA5



Filter can be conveniently changed and cleaned.



Model		Unit	LZ-H080GBA5	LZ-H100GBA5	LZ-H150GBA5	LZ-H200GBA5	
Dimensions (W x H x D)	Body	mm	1,101 x 405 x 1,230		1,353 x 815 x 1,230		
Weight	Body	kg	63		130		
Power Supply		∅, V, Hz	1, 220-240, 50		1, 220-240, 50		
Normal Air flow		m³/h	800	1,000	1,500	2,000	
ERV Mode	Operating Step		Super-high / High / Low		Super-high / High / Low		
	Current	SH / H / L	A	2.13 / 1.75 / 1.00	2.92 / 2.38 / 1.40	4.26 / 3.50 / 2.00	5.92 / 4.76 / 2.80
	Power Input	SH / H / L	W	328 / 266 / 144	463 / 370 / 208	660 / 530 / 290	926 / 740 / 420
	Air Flow	SH / H / L	m³/h	800 / 800 / 660	1,000 / 1,000 / 800	1,500 / 1,500 / 1,200	2,000 / 2,000 / 1,600
	External Static Pressure	SH / H / L	Pa	160 / 100 / 50	160 / 100 / 50	160 / 100 / 50	160 / 100 / 50
	Temperature Exchange Efficiency	SH / H / L	%	82 / 82 / 83	80 / 80 / 81	82 / 82 / 83	80 / 80 / 81
	Enthalpy Exchange Efficiency	Heating (SH / H / L)	%	73 / 73 / 76	71 / 71 / 73	73 / 73 / 76	71 / 71 / 73
		Cooling (SH / H / L)	%	66 / 66 / 70	64 / 64 / 67	66 / 66 / 70	64 / 64 / 67
	Sound Pressure Level	SH / H / L	dB(A)	40 / 36 / 32	40 / 37 / 33	43 / 39 / 35	43 / 40 / 36
Sound Power Level	SH / H / L	dB(A)	56 / 53 / 47	59 / 56 / 52	59 / 56 / 50	62 / 59 / 55	
Bypass Mode	Operating Step		Super-high / High / Low		Super-high / High / Low		
	Current	SH / H / L	A	2.13 / 1.75 / 1.00	2.92 / 2.38 / 1.40	4.26 / 3.50 / 2.00	5.92 / 4.76 / 2.80
	Power Input	SH / H / L	W	328 / 266 / 144	463 / 370 / 208	660 / 530 / 290	926 / 740 / 420
	Air Flow	SH / H / L	m³/h	800 / 800 / 660	1,000 / 1,000 / 800	1,500 / 1,500 / 1,200	2,000 / 2,000 / 1,600
	External Static Pressure	SH / H / L	Pa	160 / 100 / 50	160 / 100 / 50	160 / 100 / 50	160 / 100 / 50
	Sound Pressure Level	SH / H / L	dB(A)	41 / 37 / 33	41 / 38 / 34	44 / 40 / 36	44 / 41 / 37
Duct Work	Qty	EA	4		4 + 2		
	Size (∅)	mm	∅250		∅250 + ∅350		
Supply Air Fan	Qty	EA	1		2		
	Type		Direct-Drive Sirocco		Direct-Drive Sirocco		
Exhaust Air Fan	Qty	EA	1		2		
	Type		Direct-Drive Sirocco		Direct-Drive Sirocco		
Filters	Qty	EA	2		4		
	Type		Cleanable fibrous fleeces		Cleanable fibrous fleeces		
	Size (W x H x D)	mm	1,148 x 6 x 245		1,148 x 6 x 245		
List Price - Indoor Unit Only	£		£1,749.00	£1,983.00	£3,129.00	£3,961.00	

Note : 1. ERV mode : Total Heat Recovery Ventilation mode

2. * : Refer to dimensional drawings.

3. Noise level :

- The operating conditions are assumed to be standard

- Sound measured at 1.5m below the center the body.

- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

- The sound level at the air discharge port is about 8 dB(A) higher than the unit's operating sound.

4. Temperature and Enthalpy Exchange Efficiency at cooling Indoor Temperature : 26.5°C DB, 64.5% RH, Outdoor Temperature : 34.5°C DB, 75% RH

5. Temperature and Enthalpy Exchange Efficiency at heating Indoor Temperature : 20.5°C DB, 59.5% RH, Outdoor Temperature : 5°C DB, 65% RH

6. Temperature Exchange efficiency is tested at heating condition.

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	-
EEV Kit	-
Independent Power Module	-
Robot Cleaner	-
Pre Filter (washable)	-
Ion Generator	-
CO ₂ Sensor	○
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB500 (Modbus)
External Input (1 point)	-
Wi-Fi	-

○ : Applied, - : Not applied

Option : Refer to model name in table

ENERGY RECOVERY VENTILATION WITH DX COIL

LZ-H050GXH4 / LZ-H080GXH4
 LZ-H100GXH4 / LZ-H050GXN4
 LZ-H080GXN4 / LZ-H100GXN4



Able to control the condition of incoming air with the DX coil and humidifier for a comfortable indoor environment.

In summer, LG ERV DX provides air conditioning by cooling and dehumidifying incoming air.
 During winter, warm air is provided by heating and humidifying incoming air.

Model			LZ-H050GXH4	LZ-H080GXH4	LZ-H100GXH4	LZ-H050GXN4	LZ-H080GXN4	LZ-H100GXN4
Fresh Air Conditioning Load	Cooling	kW	4.93	7.46	9.12	4.93	7.46	9.12
	Heating	kW	6.73	9.80	11.72	6.73	9.80	11.72
Temperature Exchange Efficiency	SH / H / L	%	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78	86 / 86 / 87	80 / 80 / 81	76 / 76 / 78
	Enthalpy Exchange Efficiency	%	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50	61 / 61 / 63	50 / 50 / 53	45 / 45 / 50
Operation Range	Outdoor air Temperature	°C	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45	-15 ~ 45
	Heat Exchange Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
Air Flow Rate	Bypass Mode (SH / H / L)	CMH	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820	500 / 500 / 440	800 / 800 / 640	1,000 / 1,000 / 820
	External Static Pressure (SH / H / L)	Pa	160 / 120 / 100	140 / 90 / 70	110 / 70 / 60	180 / 150 / 110	170 / 120 / 80	150 / 100 / 70
Humidifier	System		Natural Evaporating Type			-		
	Amount	kg/h	2.70	4.00	5.40	-		
	Pressure Feed Water	Mpa	0.02 ~ 0.49			-		
Sound Pressure	Heat Exchange Mode (SH / H / L)	dB(A)	38 / 36 / 33	39 / 37 / 34	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
	Bypass Mode (SH / H / L)	dB(A)	39 / 37 / 34	40 / 38 / 35	40 / 38 / 35	39 / 37 / 35	41 / 38 / 36	41 / 39 / 36
Refrigerant		R410A						
Power Supply	Ø, V, Hz	1, 220-240, 50, 60						
Power Input (Nominal)	Heat Exchange Mode (SH / H / L)	kW	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27
	Bypass Mode (SH / H / L)	kW	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27	0.25 / 0.20 / 0.15	0.42 / 0.35 / 0.25	0.48 / 0.42 / 0.27
Nominal Running Current (RLA)	Heat Exchange Mode (SH / H / L)	A	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3
	Bypass Mode (SH / H / L)	A	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3	1.5 / 1.3 / 1.0	2.5 / 2.0 / 1.5	3.6 / 3.2 / 2.3
Heat Exchange System		Air to air cross flow total heat (sensible + latent heat) exchange			Air to air cross flow total heat (sensible + latent heat) exchange			
Heat Exchange Element		Specially processed non-flammable paper			Specially processed non-flammable paper			
Air Filter		Multidirectional fibrous fleeces			Multidirectional fibrous fleeces			
Dimensions	W x H x D	mm	1,667 x 365 x 1,140			1,667 x 365 x 1,140		
Net Weight		kg	105			98		
	Liquid	mm	Ø6.35			Ø6.35		
Piping Connection	Gas	mm	Ø12.7			Ø12.7		
	Water	mm	Ø6.35			-		
	Drain Pipe (Internal Dia.)	mm (inch)	Ø25 (1)			Ø25 (1)		
Connection Duct Diameter	mm	Ø250			Ø250			
List Price - Indoor Unit Only	£	£3,024.00	£3,420.00	£3,544.00	£2,546.00	£2,877.00	£2,984.00	

Note : 1. Cooling Capacity Test condition - Indoor temperature : 27°C DB, 19°C WB / Outdoor temperature : 35°C DB
 2. Heating Capacity Test condition - Indoor temperature : 20°C DB / Outdoor temperature : 7°C DB, 6°C WB
 3. Humidifying capacity is based on the following conditions -
 Indoor temperature : 20°C DB, 15°C WB / Outdoor temperature : 7°C DB, 6°C WB
 4. Cooling and heating capacities are based on the following conditions. : Fan is based on High and Super-high.
 5. The operating sound measured at the point 1.5 m below the center of the unit is converted to that measured at an anechoic chamber.
 6. The specifications, designs and information here are subject to change without notice.



AHCS100H0 (Internal Type)








£268.00

Accessories

Chassis	
Drain Pump	-
Cassette Cover	-
Refrigerant Leakage Detector	PRLDNV50
EEV Kit	-
Independent Power Module	-
Robot Cleaner	-
Pre Filter (washable)	-
Ion Generator	-
CO ₂ Sensor	AHCS100H0
Ventilation Kit	-
IR Receiver	-
Zone Controller	-
Dry Contact (with additional accessory)	PDRYCB000 (1 point contact) PDRYCB500 (Modbus)
External Input (1 point)	Ⓜ
Wi-Fi	-

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

INDIVIDUAL CONTROLLER

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																																																																																								
Basic	<table border="1"> <tr><td>On / Off</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>Fan Speed Control</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>Temperature Setting</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>Mode Change</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td><td>o</td><td>o</td></tr> <tr><td>Auto Swing</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>Vane Control (Louver Angle)</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>E.S.P (External Static Pressure)</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td></tr> <tr><td>Electric Failure Compensation</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td><td>o</td></tr> <tr><td>Indoor Temperature Display</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td></tr> <tr><td>ALL Button Lock (Child Lock)</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td></tr> </table>							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	o	o	ALL Button Lock (Child Lock)	o	o	o	o	o	-	-								
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	o	o																																																																																								
ALL Button Lock (Child Lock)	o	o	o	o	o	-	-																																																																																								
Advanced	<table border="1"> <tr><td>Schedule / Timer</td><td>Weekly-Yearly</td><td>Weekly-Yearly</td><td>Weekly</td><td>-</td><td>-</td><td>Sleep / On / Off</td><td>Weekly</td></tr> <tr><td>Additional Mode Setting¹⁾</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Time Display</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td><td>o</td><td>-</td></tr> <tr><td>Humid. Display</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Advanced Lock (mode, set point, set point range, On / Off Lock)</td><td>Advanced Lock</td><td>Advanced Lock</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Filter Sign</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Energy Management²⁾</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Dual Set Point</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Human Detection</td><td>-</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Temp, Humidity Compensation</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>Wi-Fi AP Mode Setting</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td></tr> </table>							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 (mode, set point, set point range, On / Off 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	-
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 (mode, set point, set point range, On / Off 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	-																																																																																								
ETC	<table border="1"> <tr><td>Operation Status LED</td><td>o</td><td>o</td><td>o</td><td>o</td><td>o</td><td>-</td><td>-</td></tr> <tr><td>Wireless Remote Controller Receiver</td><td>o³⁾</td><td>-</td><td>o³⁾</td><td>o³⁾</td><td>o³⁾</td><td>-</td><td>-</td></tr> <tr><td>Display</td><td>5 inch Color</td><td>4.3 inch Color</td><td>4.3 inch mono</td><td>2.6 inch mono</td><td>2.6 inch mono</td><td>2 inch mono</td><td>-</td></tr> <tr><td>Size (W x H x D, mm)</td><td>137 x 121 x 16.5</td><td>120 x 120 x 16</td><td>120 x 120 x 16</td><td>64 x 120 x 15</td><td>64 x 120 x 15</td><td>51 x 153 x 26</td><td>-</td></tr> <tr><td>Black Light Control for Screen Saver</td><td>o</td><td>o</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </table>							Operation Status LED	o	o	o	o	o	-	-	Wireless Remote Controller Receiver	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	-	-	-	-	-																																																
Operation Status LED	o	o	o	o	o	-	-																																																																																								
Wireless Remote Controller Receiver	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	-	-	-	-	-																																																																																								

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

o : Applied, - : Not Applied
 1) It might not be indicated or operated at the partial product
 2) Centralised control (PACEZA000 / PACS5A000 / PACP5A000) 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> Doc.Library> Manual>)

CENTRALISED CONTROLLER FEATURE LIST

Controller Name		AC Ez	AC Ez Touch	AC Smart 5 ⁵⁾	ACP 5 ⁵⁾	AC Manager 5 ⁵⁾
Model Name						
		PQCSZ250S0	PACEZA000	PAC55A000	PACP5A000	PACM5A000
List Price £		£808.00	£1,794.00	£3,783.00	£3,176.00	£4,815.00
Product	DO	-	-	2	4	-
	DI	-	1	2	10	-
	IDUs	32	64	128	256	8,192
	Max. Connectable No.	32	64	128	256	8,192
	A/C + ERV	32	64	128	256	8,192
	AHU	-	-	16	16	16x32
Compatibility	Chiller	-	-	5 Optional ²⁾	10 Optional ²⁾	10x32
	Air Conditioner	o ¹⁾	o	o	o	o
	Ventilation (ERV / ERV DX)	o ²⁾	o	o	o	o
	Heating	-	o	o	o	o
	AHU	-	-	o	o	o
	Chiller	-	-	o ⁴⁾	o ⁴⁾	o
Additional Function	ACS IO	-	-	o ⁴⁾	o ⁴⁾	o
	Add Drawing	-	-	o ⁴⁾	o ⁴⁾	o
	Group Management	-	-	o ⁴⁾	o ⁴⁾	o
	Auto Changer Over	-	o	o ⁴⁾	o ⁴⁾	o
	Set Back	-	o	o ⁴⁾	o ⁴⁾	o
	2 Set	-	o	o	o	o
	Change Alarm	-	Filter	Filter	Filter	Filter
	Indoor Unit Lock	-	o	o	o	-
Schedule	Cycle	-	-	o	o	o
	Priority Control	o	o	o ⁴⁾	o ⁴⁾	o
	Peak Control	-	o	o	o	o
	Outdoor Unit Capacity Control	-	-	o ⁴⁾	o ⁴⁾	o
Auto Control	Time limit control	-	-	o ⁴⁾	o ⁴⁾	o
	InterLocking	-	-	o ⁴⁾	o ⁴⁾	o
	Energy Navigation	-	-	o ⁴⁾	o ⁴⁾	o
	Power	-	o	o	o	o
Energy Report	Gas	-	-	o	o	o
	Run time	-	-	o ⁴⁾	o ⁴⁾	o
	Email	-	-	-	-	-
	PC / USB	-	-	o ⁴⁾	PC	PC
Trend Reporting	Report (Control / Error)	-	-	-	-	o
	Send Email	-	Error	o ⁴⁾	o ⁴⁾	o
	Save to PC / USB ⁶⁾	-	-	o ⁴⁾	o ⁴⁾	o
etc	Summer Time	-	o	o ⁴⁾	o ⁴⁾	o
	Outdoor Unit Oil-Return Operation	-	-	o ⁴⁾	o ⁴⁾	-
	User Authority	-	Password	o ⁴⁾	o ⁴⁾	o
	PC Access	-	o	o ⁴⁾	o ⁴⁾	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

ACCESSORY ITEMS



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

ACS IO MODULE



PEXPMB000

ACS IO Module Name		PEXPMB000
List Price £		£1,186.00
Linkable Products		PACS4B000 / PACP4B000 PACSSA000 / PACPSA000
Communication	RS-485	1 ch.
I/O	Digital Input	3 port
	Digital Output	3 port
	Universal Input ¹⁾	4 port
	Analog Output	4 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	

ACU IO Module Name	PEXPMB300	PEXPMB200	PEXPMB100
List Price £	£441.00	£441.00	£441.00
Linkable Products	PACSSA000, PACP5A000		
Communication RS-485	2 ch. ¹⁾	1 ch.	1 ch.
Digital Input	-	-	3port
Digital Output	2port	6port	-
Universal Input ²⁾	4port	-	6port
Analog Output	2port	4port	-

Cassette Accessories	Model Reference	£
Cassette Cover 840*840	PTDCA	£262.00
Cassette Cover 570*570	PTDCQ	£186.00
1 Way CST Panel Type	PT-UAHGO	£186.00
1 Way CST Grille Type (7/9/12)	PT-UPHGO	£132.00
1 Way CST Panel Grille Type (7/9/12)	PT-UAHWO	£132.00
1 Way CST Panel Grille Type	PT-TPHGO	£132.00
1 Way CST Panel Grille Type (18/24)	PT-TAHWO	£129.00
1 Way CST Panel Grille Type	PT-TAHGO	£186.00
2 Way CST Panel	PT-USC	£132.00
4 Way CST Panel	PT-UQC	£132.00
4 Way CST Panel	PT-QCHWO	£140.00
Human Detection Sensor	PTVSMAO	£116.00
Auto Elevation Grille	PTEGMO	£452.00
Air Cleaning Kit	PTAHMPO	£745.00
Plasma Kit	PTPKMO	£121.00
Plasma Kit	PTPKQO	£121.00
Drain Pump Kit	ABDPG	£160.00
Drain Pump Kit	PBDP9	£160.00
Drain Pan	PRODX20	£141.00
Drain Pan	PRODX30	£151.00
Suction grille / Canvas	PBSGB30	£173.00
Suction grille / Canvas	PBSC30	£143.00
Suction grille / Canvas	PBSGB40	£212.00
Suction grille / Canvas	PBSC40	£158.00

MODBUS RTU GATEWAY		PMBUS00A		£1,072.00		
NEW Model	List Price £	Colour (RAL)	Weight (kg)	Dimension (mm)		
				W	H	D
PT-AAGWO	£144.00	White (9003)	7.1	950	35	950
PT-AEGWO	£662.00	White (9003)	8.5	950	35	950
PT-AFGWO	£200.00	White (9003)	7.5	950	35	950
PTAHTPO	£117.00	1 Way Cassette		Air Purification Kit		
PTAHYPO	£152.00	Round Cassette		Air Purification Kit		

Accessories	Model Reference	£
Chiller Kit for Central Controllers	PCHLLN000	£3,009.00
IO Module	PVDSMN000	£336.00
Water Communication Module	PAHCMW000	£497.00
PI485 for AC Outdoor	PMNFP14A1	£114.00
PI485 for AC Indoor	PHNFP14A0	£130.00
Variable Water Flow Control Kit	PWFCKN000	£257.00
SD Module	PVDATN000	£126.00
Cool/Heat Selector	PRDSBM	£87.00
Group Control Wire	PZCWRG3	£15.00
Zone Controller	ABZCA	£370.00
Low Ambient Kit	PRVC2	£87.00
Remote Temperature Sensor	PQRSTAO	£40.00
EEV kit MultiV indoor units	PRGK024A0	£149.00
Independent Power Module	PRIP0	£149.00
IR Receiver	PWLRVN000	£57.00
Auxiliary Heater Kit	PRARS1	£83.00
Auxiliary Heater Kit	PRARH1	£83.00

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	PAHCMM000	£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	PAEEVC000	£111.00						3.6 ~ 28 kW
	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

ACCESSORY ITEMS

Y BRANCH AND HEADER BRANCH

For refrigerant distribution of indoor units.



Y Branch

Header Branch

Indoor Y Branch	Multi V Heat Pump	ARBLN01621	£84.00
Indoor Y Branch	Multi V Heat Pump	ARBLN03321	£104.00
Indoor Y Branch	Multi V Heat Pump	ARBLN07121	£164.00
Indoor Y Branch	Multi V Heat Pump	ARBLN14521	£205.00
Indoor Y Branch	Multi V Heat Pump	ARBLN23220	£379.00
Indoor Y Branch	Multi V Heat Recovery	ARBLB01621	£104.00
Indoor Y Branch	Multi V Heat Recovery	ARBLB03321	£145.00
Indoor Y Branch	Multi V Heat Recovery	ARBLB07121	£164.00
Indoor Y Branch	Multi V Heat Recovery	ARBLB14521	£205.00
Indoor Y Branch	Multi V Heat Recovery	ARBLB23220	£489.00
Outdoor Y Branch	Multi V Heat Pump	ARCNN21	£145.00
Outdoor Y Branch	Multi V Heat Pump	ARCNN31	£205.00
Outdoor Y Branch	Multi V Heat Pump	ARCNN41	£393.00
Outdoor Y Branch	Multi V Heat Recovery	ARCNB21	£173.00
Outdoor Y Branch	Multi V Heat Recovery	ARCNB31	£238.00
Outdoor Y Branch	Multi V Heat Recovery	ARCNB41	£449.00

Header Branch	Multi V	ARBL054	£143.00
Header Branch	Multi V	ARBL057	£173.00
Header Branch	Multi V	ARBL104	£152.00
Header Branch	Multi V	ARBL107	£194.00
Header Branch	Multi V	ARBL1010	£216.00
Header Branch	Multi V	ARBL2010	£323.00

Drain Hose	PHDHA05T	£122.00
Drain Hose	PHDHA07T	£122.00
Drain Hose	PHDHA05B	£122.00
Drain Hose	PHDHA07B	£122.00

Dry Contact



PDRYCB000

PDRYCB400

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 & 12V from indoor unit PDB
Voltage / Non Voltage Input		•	•	
On / Off Control	•	•	•	•
Lock / Unlock	•	•	•	
Fan Speed Setting		•	•	•
Thermo Off		•	•	
Energy Saving		•		
Temperature Setting		•	•	•
Error Monitoring	•	•	•	•
Operation Monitoring	•	•	•	•

ODU Dry Contact **PQDSBCDVM0** **£239.00**

High performance filter For Energy Recovery Ventilation Units

LG MV



High Performance Filters for ERV		
AHFT100H0.ENCXLEU	compatible for 4 series DX ERV (over 800cmh)	£618.00
AHFT100H1.ENCXLEU	compatible for 5 series ERV (over 800cmh)	£618.00
AHFT035H0.ENCXLEU	250, 350 cmh	£527.00
AHFT050H0.ENCXLEU	500 cmh	£554.00

MODEL NAME	MOBILE - PLGMVW100
Price £	£140.00
MODEL NAME	LAPTOP - PRCTILO
Price £	£277.00

STOPPER VALVES

UNDER 1 / 2 (INCH) PRVT120	£64.00	
UNDER 7/8 (INCH) PRVT780	£174.00	
UNDER 9/8 (INCH) PRVT980	£174.00	

REFRIGERANT CHARGING KIT

Recharging refrigerant after a pump down or when refrigerant is either insufficient or excessive.

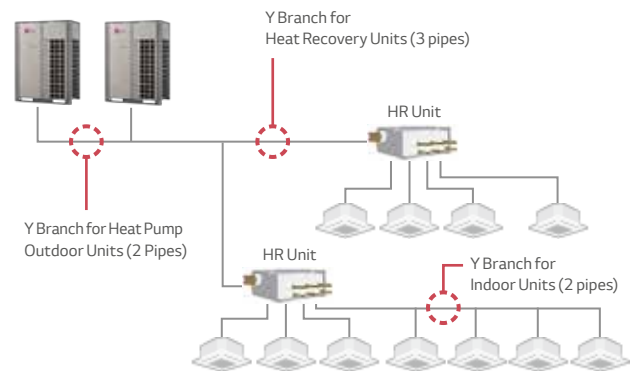


Ref Auto Charging KIT
PRAC1
£158.00



Refrigerant Leakage Detector
PRLDNVSO
£99.00

Heat Recovery System





Distributed by



Tel: +44 1675 467500

LG Electronics

Email: aircon.sales@lge.com

Web: www.lg.com/uk/business

For continual product development, LG reserves the right to change specifications without notice.

Information on the complete range of LG Air Conditioning and Energy Solutions is available on our website. You can also download PDF versions from our website. Whilst every care has been taken in the preparation of this catalogue, some changes may have occurred since publication. LG Electronics cannot accept responsibility for errors and omissions.

We advise that you check the latest Product Data Book partner.lge.com/uk.

LG Electronics UK Limited have been working closely with their supplier's to reduce their environmental impact on the world.

Copyright © 2022 LG Electronics. All rights reserved. Printed in the UK.



LG Electronics participates in the Eurovent Certification Programme For Comfort Air Conditioners and VRF, the certified models are listed in the Eurovent Directory.

Check on-going validity of certificate: www.eurovent-certification.com