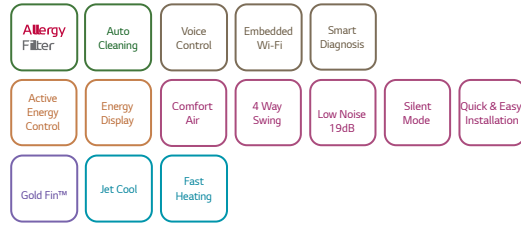


# DUALCOOL STANDARD PLUS



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : [www.eurovent-certification.com](http://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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>2</sup>	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm <sup>2</sup>	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				PC09SK UA3	PC12SK UA3	PC18SK UL2	PC24SK U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m <sup>3</sup> /min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / Max.	m	7	7	10	15
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
			t-CO <sub>2</sub> eq	0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
GWP				675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330
ACCESSORIES & OTHERS				Y	Y	Y	Y
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-CO<sub>2</sub>eq: F-gas(kg)\*GWP/1000  
 Specification, design and feature are subject to change without prior notice.



Anytime, Anywhere!  
ThinQ™  
with Voice Control



☐ 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.



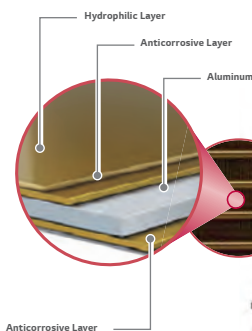
### Gold Fin™

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.

## Energy Display

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

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

### How it Works

#### Magic Display & Remote Control

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



### Benefit

#### Normal Mode

Current Setting Temp.









#### Electric Power

Displays Current Energy Use



# SINGLE SPLIT LINE-UP

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

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

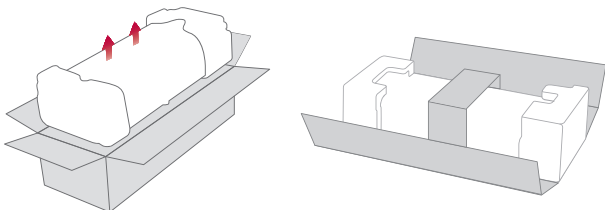
These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000)  
S : Sleep / L : Low / M : Medium / H : High  
Specification, design and feature are subject to change without prior notice.



## Quick & Easy Installation

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

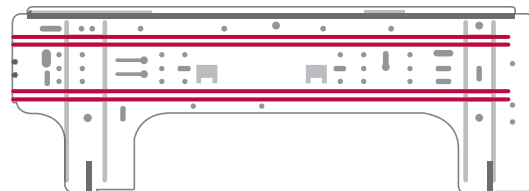
One Simple Packing Box



Conventional

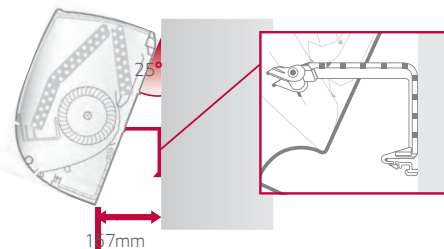
LG

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



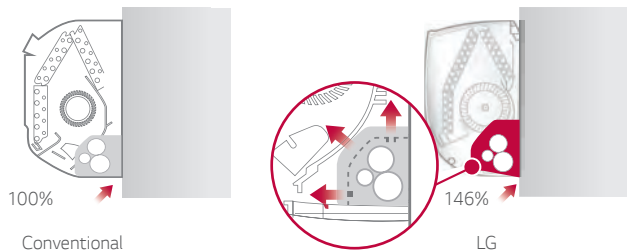
Installation Support Clip

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



Wider Tubing Space

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

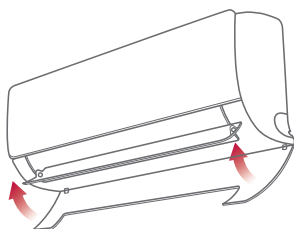


Conventional

LG

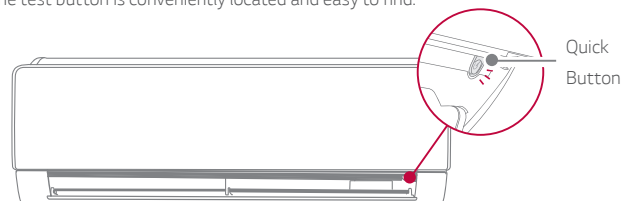
Detachable Bottom Cover

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



Quick button for running test

The test button is conveniently located and easy to find.



Quick Button