

WALL MOUNTED UNIT

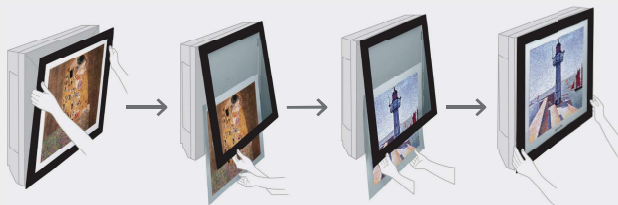
Aesthetic Design

You no longer need to be told what your air conditioner should look like. With LG's revolutionary ARTCOOL Gallery, you can change the look of your air conditioner to whatever you want, whenever you want. The ARTCOOL series have outstanding designs and have been awarded the International Forum Design Award, the Reddot Design Award and the G Mark.

Gallery



How to Change the Picture



ARTCOOL Mirror



Mirror



Silver



White

Standard



5K / 7K / 9K / 12K / 15K / 18K / 24K



30K / 36K

Digital Air Flow Control

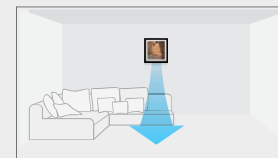
The air flow can be controlled to ensure maximum comfort and convenience.

Normal



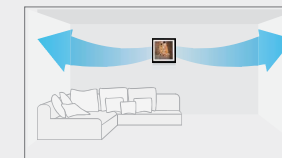
Fast, wide and even

Jet Cool



Speedy and powerful

Sleep Mode



Indirect and discreet

Filtering (Virus & Allergy Safe Filter)

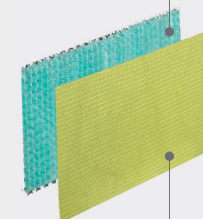
The virus and allergy safe filters are scientifically proven to deactivate viruses that may pose risks to health.

Virus Deactivation

The LG virus & allergy safe filter blocks neuramidase and hemagglutinin, which is activated when the virus breaks up from host cell to proliferate.

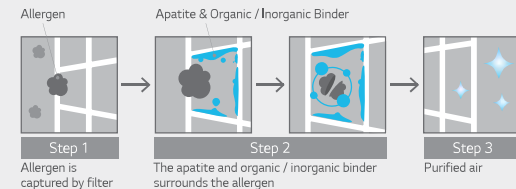
Allergy Filter

Allergy care filter coated with allergy decomposition substance

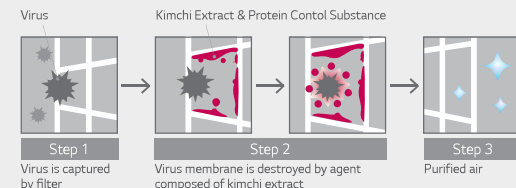


Virus Filter

Sterilising filter with anti-virus coating



Certified by British Allergy Foundation (2009.01)

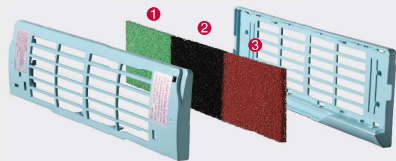


Certified by Kitasato Institute

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Deodorising (Triple Filter)

The triple filter consists of three special filters that can reduce the side effects caused by some organic compounds including formaldehyde. It has the ability to remove unpleasant odours and can create a more comfortable environment.



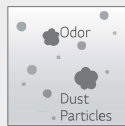
- Red filter removes smells such as smoke and food smells.
- Black filter removes the odour of new buildings such as formaldehyde.
- Blue filter removes the chemical smells such as the smell of fresh paint.

- 1 VOC filter removes odour and hazardous VOCs that are discharged from household materials made out of chemical substances (carpet, paint, cleaners, furniture, etc.) (VOC= Volatile Organic Compound)
- 2 Formaldehyde filter removes formaldehyde, a leading cause of sick building syndrome, and can prevent dermatitis, vomiting, and pneumonia
- 3 Common odour filter removes ordinary odours that can cause migraines and chronic fatigue syndrome

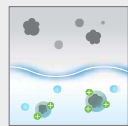
Eliminating (Plasma Filter)

The plasma air purifying system, first developed by LG, reduces the presence of microscopic contaminants that cause allergies and asthma, such as dust particles, mites and pet fur.

Polluted Air

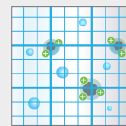


Ionising



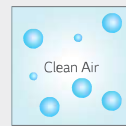
Dust Charging (+)
Odour Decomposition

Filtering



Filtering of Dust by
Coulomb Force

Deodorising



Deodorisation

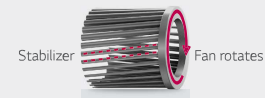
* Except: ARNU30GSVA4, ARNU36GSVA4

Low Noise Level

The indoor unit operates quietly in sleep mode for peace and quiet for in bedroom or office. For example, LG model ARNU09GSBL2, ARNU12GSBL2 in sleep mode is only 19dB. In addition, the indoor units have reduced vibration and noise thanks to a super quiet fan and motor.

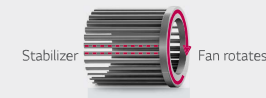
Skew Fan

When the fan rotates, the stabiliser and the fan blade are not in parallel (=the contact of points) → Instantaneous pressure change is small.

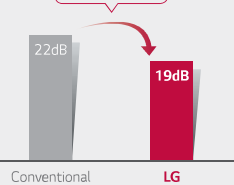


Conventional

When the fan rotates, the stabiliser and the fan blade are in parallel (=the contact of lines) → Instantaneous pressure change is great.

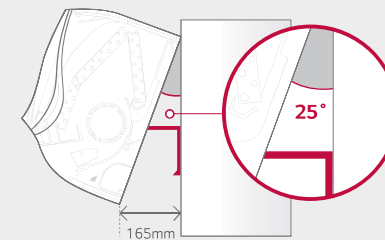


3dB



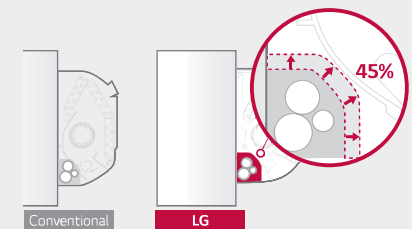
Installation Support Clip

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



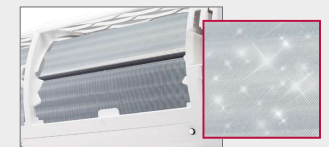
Wider Tubing Space

The tubing space is up to 45% wider than previous models for easier installation. The tubing space is wider than many products currently on the market.

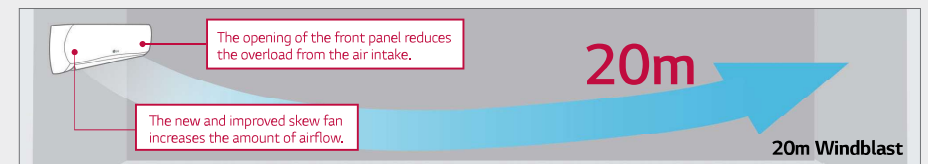


Auto Cleaning

A major cause of air conditioner odours is mould and bacteria that can breed in the heat exchanger. The auto clean function dries the wet heat exchanger to prevent mould and bacteria from breeding which can significantly reduce smells and saves the user from frequent cleaning.

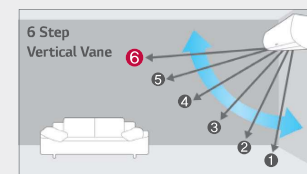


Powerful Cooling & Heating



Optimised Airflow

Direction of horizontal vane can be adjusted from step 1 to step 6 with full auto swing. This function can cool and heat specific areas much faster.



* Only for ARNU30GSVA4 / ARNU36GSVA4

Quick Cooling & Heating

Jet cooling and heating disperses air evenly at high speed to secure an optimally cooled or heated room in just 3 minutes.



ARTCOOL MIRROR

ARNU05GSB*4 / ARNU07GSB*4 / ARNU09GSB*4
ARNU12GSB*4 / ARNU15GSB*4



Mirror (R)



White (W)



Silver (V)

Model	Independent Unit		ARNU05G	ARNU07G	ARNU09G	ARNU12G	ARNU15G	
	Nom	kW	*4	*4	*4	*4	*4	
Capacity	Cooling	Nom	1,6	2,2	2,8	3,6	4,5	
	Heating	Nom	1,8	2,5	3,2	4,0	5,0	
Power Input	Cooling / Heating	Nom ¹⁾	12	13	15	19	21	
	Cooling / Heating	Rated ²⁾	21	21	21	21	21	
Power Supply			1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60	
Airflow Rate	Cooling	H / M / L	m ³ / min	6,5 / 6,0 / 5,5	7,0 / 6,5 / 5,5	8,2 / 7,0 / 5,5	9,5 / 8,2 / 6,5	10,5 / 9,0 / 7,0
	Heating	H / M / L	m ³ / min	6,5 / 6,0 / 5,5	7,0 / 6,5 / 5,5	8,2 / 7,0 / 5,5	9,5 / 8,2 / 6,5	10,5 / 9,0 / 7,0
Sound Pressure	H / M / L	dB	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	42 / 39 / 32	
Sound Power	H / M / L	dB	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54	
Dimensions	Body	W x H x D	mm	895 x 285 x 205	895 x 285 x 205	895 x 285 x 205	895 x 285 x 205	
Net Weight			kg	10,8	10,8	10,8	10,8	
			mm	6,35	6,35	6,35	6,35	
Piping Connection	Liquid		mm	6,35	6,35	6,35	6,35	
	Gas		mm	12,7	12,7	12,7	12,7	
	Drain	I.D	mm	16,0	16,0	16,0	16,0	

* This product contains Fluorinated Greenhouse Gases; (R410A)

1) Nom. Performance tested under EN14511

2) Rated - Max power input allowed for fan motor

Note: 1. Capacities are based on the following conditions

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

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

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

3. I.D.: Internal Diameter

Accessories

Model	ARNU05G	ARNU07G	ARNU09G	ARNU12G	ARNU15G
Dry Contact	Simple (1 Contact point with case)				
	2 Contact point				
	For Thermostat (On-Off / Mode / Fan speed)				
	Modbus Communication				
EEV Kit for MULTI V indoor	PRGK024A0				

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCLQ0 (Black) PQRCVCLQ0W (White)	PQRCCHAQ0 (Black) PQRCCHAQ0W (White)	PQWRHQFDB

ARTCOOL MIRROR

ARNU18GSC*4 / ARNU24GSC*4



Mirror (R)



White (W)



Silver (V)

Model	Independent Unit		ARNU18G	ARNU24G
	Nom	kW	*4	*4
Capacity	Cooling	Nom	5,6	7,1
	Heating	Nom	6,3	8,0
Power Input	Cooling / Heating	Nom ¹⁾	27	39
	Cooling / Heating	Rated ²⁾	40	40
Power Supply			1 / 220-240 / 50 1 / 220 / 60	
Airflow Rate	Cooling	H / M / L	m ³ / min	12,5 / 12,0 / 11,3
	Heating	H / M / L	m ³ / min	14,0 / 12,7 / 11,5
Sound Pressure	H / M / L	dB	38 / 35 / 33	43 / 39 / 35
Sound Power	H / M / L	dB	57 / 54 / 52	62 / 58 / 54
Dimensions	Body	W x H x D	mm	1,030 x 325 x 245
Net Weight			kg	15,4
			mm	6,35
Piping Connection	Liquid		mm	6,35
	Gas		mm	12,7
	Drain	I.D	mm	16,0

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3. I.D.: Internal Diameter

Accessories

Model	ARNU18G	ARNU24G
Dry Contact	Simple (1 Contact point with case)	
	2 Contact point	
	For Thermostat (On-Off / Mode / Fan speed)	
	Modbus Communication	
EEV Kit for MULTI V indoor	PRGK024A0	

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCLQ0 (Black) PQRCVCLQ0W (White)	PQRCCHAQ0 (Black) PQRCCHAQ0W (White)	PQWRHQFDB

ARTCOOL GALLERY

ARNU07GSF14 / ARNU09GSF14 / ARNU12GSF14



Model	Independent Unit		ARNU07G 14		ARNU09G 14		ARNU12G 14	
Capacity	Cooling	Nom kW	2,2		2,8		3,6	
	Heating	Nom kW	2,5		3,2		4,0	
Power Input	Cooling / Heating	Nom ¹⁾ W	28		28		35	
	Cooling / Heating	Rated ²⁾ W	35		35		35	
Power Supply	ø / V / Hz		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60	
Airflow Rate	Cooling	H / M / L m ³ / min	8,1 / 6,3 / 4,2		8,1 / 6,3 / 4,2		9,3 / 7,7 / 6,0	
	Heating	H / M / L m ³ / min	8,1 / 6,3 / 4,2		8,1 / 6,3 / 4,2		9,3 / 7,7 / 6,0	
Sound Pressure	H / M / L	dB(A)	38 / 32 / 27		38 / 32 / 27		44 / 38 / 32	
Sound Power	H / M / L	dB(A)	48 / 44 / 39		48 / 44 / 39		54 / 48 / 42	
Dimensions	Body	W x H x D mm	600 X 600 X 146		600 X 600 X 146		600 X 600 X 146	
Net Weight			kg		kg		kg	
			mm		mm		mm	
Piping Connection	Liquid	mm	6,35		6,35		6,35	
	Gas	mm	12,7		12,7		12,7	
	Drain	LD mm	12,2		12,2		12,2	

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1) Nom. Performance tested under EN14511

2) Rated - Max power input allowed for fan motor

Note: 1. Capacities are based on the following conditions

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

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3.LD : Internal Diameter

Accessories

Model	ARNU07G 14	ARNU09G 14	ARNU12G 14
Dry Contact	Simple (1 Contact point with case)	PDRYCB000	
	2 Contact point	PDRYCB400	
	For Thermostat (On-Off / Mode / Fan speed)	PDRYCB300	
	Modbus Communication	PDRYCB500	
EEV Kit for MULTI V indoor	PRGK024A0		

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCVCL0QW (Black) PQRCVCL0QW (White)	PQWRHQFDB

STANDARD

ARNU05GSBL4 / ARNU07GSBL4 / ARNU09GSBL4 / ARNU12GSBL4 / ARNU15GSBL4
ARNU18GSCL4 / ARNU24GSCL4 / ARNU30GSVA4 / ARNU36GSVA4



Model	Independent Unit		ARNU05G L4	ARNU07G L4	ARNU09G L4	ARNU12G L4	ARNU15G L4	ARNU18G L4	ARNU24G L4	ARNU30G A4	ARNU36G A4	
Capacity	Cooling	Nom kW	1,6	2,2	2,8	3,6	4,5	5,6	7,1	8,8	10,4	
	Heating	Nom kW	1,8	2,5	3,2	4,0	5,0	6,3	8,0	10,8	10,8	
Power Input	Cooling / Heating	Nom ¹⁾ W	12	13	15	19	21	27	39	83	98	
	Cooling / Heating	Rated ²⁾ W	21	21	21	21	21	40	40	154	154	
Power Supply	ø / V / Hz		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60		1 / 220-240 / 50 1 / 220 / 60	
Airflow Rate	Cooling	H / M / L m ³ / min	6,5 / 6,0 / 5,5	7,0 / 6,5 / 5,5	8,2 / 7,0 / 5,5	9,5 / 8,2 / 6,5	10,5 / 9,0 / 7,0	12,5 / 12,0 / 11,3	14,0 / 12,7 / 11,5	23,0 / 20,0 / 17,0	26,0 / 23,0 / 19,0	
	Heating	H / M / L m ³ / min	6,5 / 6,0 / 5,5	7,0 / 6,5 / 5,5	8,2 / 7,0 / 5,5	9,5 / 8,2 / 6,5	10,5 / 9,0 / 7,0	12,5 / 12,0 / 11,3	14,0 / 12,7 / 11,5	23,0 / 20,0 / 17,0	26,0 / 23,0 / 19,0	
Sound Pressure	H / M / L	dB(A)	30 / 29 / 28	32 / 30 / 28	34 / 32 / 28	37 / 34 / 30	40 / 36 / 32	38 / 35 / 33	43 / 39 / 35	49 / 44 / 42	50 / 47 / 43	
Sound Power	H / M / L	dB(A)	54 / 53 / 52	54 / 53 / 52	55 / 54 / 52	55 / 54 / 53	58 / 56 / 54	57 / 54 / 52	62 / 58 / 54	61 / 58 / 55	63 / 60 / 57	
Dimensions	Body	W x H x D mm	895 x 289 x 215	895 x 289 x 215	895 x 289 x 215	895 x 289 x 215	895 x 289 x 215	1,030 x 325 x 255	1,030 x 325 x 255	1,190 x 346 x 265	1,190 x 346 x 265	
Net Weight			kg		kg		kg		kg		kg	
			mm		mm		mm		mm		mm	
Piping Connection	Liquid	mm	6,35		6,35		6,35		6,35		9,52	
	Gas	mm	12,7		12,7		12,7		12,7		15,88	
	Drain	LD mm	16,0		16,0		16,0		16,0		16,0	

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3.LD : Internal Diameter

Accessories

Model	ARNU05G L4	ARNU07G L4	ARNU09G L4	ARNU12G L4	ARNU15G L4	ARNU18G L4	ARNU24G L4	ARNU30G A4	ARNU36G A4
Dry Contact	Simple (1 Contact point with case)	PDRYCB000							
	2 Contact point	PDRYCB400							
	For Thermostat (On-Off / Mode / Fan speed)	PDRYCB300							
	Modbus Communication	PDRYCB500							
EEV Kit for MULTI V indoor	PRGK024A0								

Wired Remote Controller					Wireless Remote Controller
Premium	Standard II		Simple	Simple for Hotel	
PREMTA000 PREMTA000A PREMTA000B	PREMTB001 (White)	PREMTB001 (Black)	PQRCVCL0Q (Black) PQRCVCL0QW (White)	PQRCVCL0QW (Black) PQRCVCL0QW (White)	PQWRHQFDB