



LG
2024

AR CONDICIONADO COMERCIAL

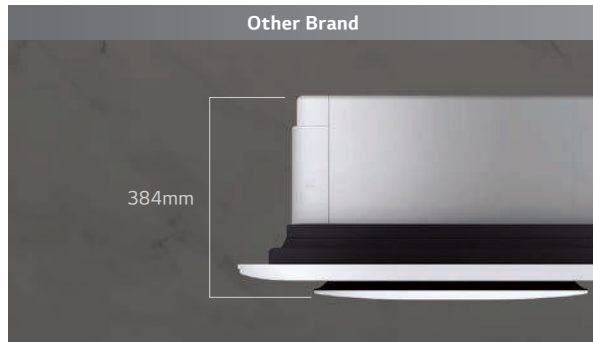
 **Megaclima**

— Desde 1993 —

ROUND CASSETTE

Slim and Compact Design

The LG Round Cassette's compact design makes the space look more spacious and secure.

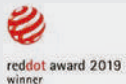
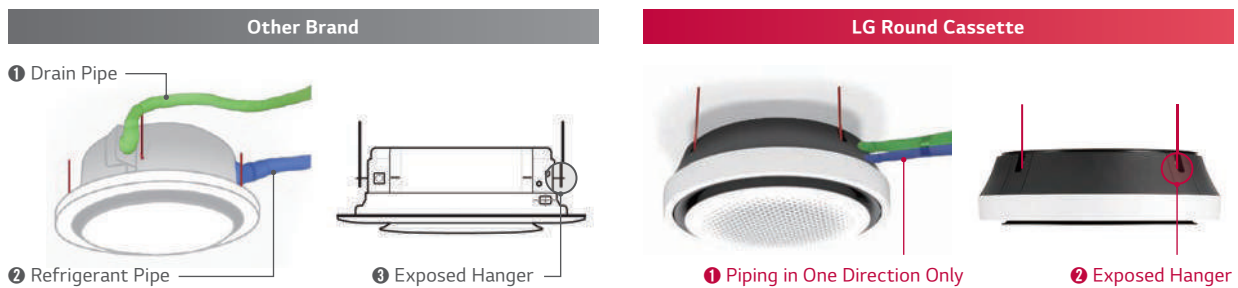


※ Product : 11 / 13.4kW

15% less body height makes room more higher

Minimal Exposure Design

LG Round Cassette hides clunky parts into a smooth surface to provide harmony and aesthetic.

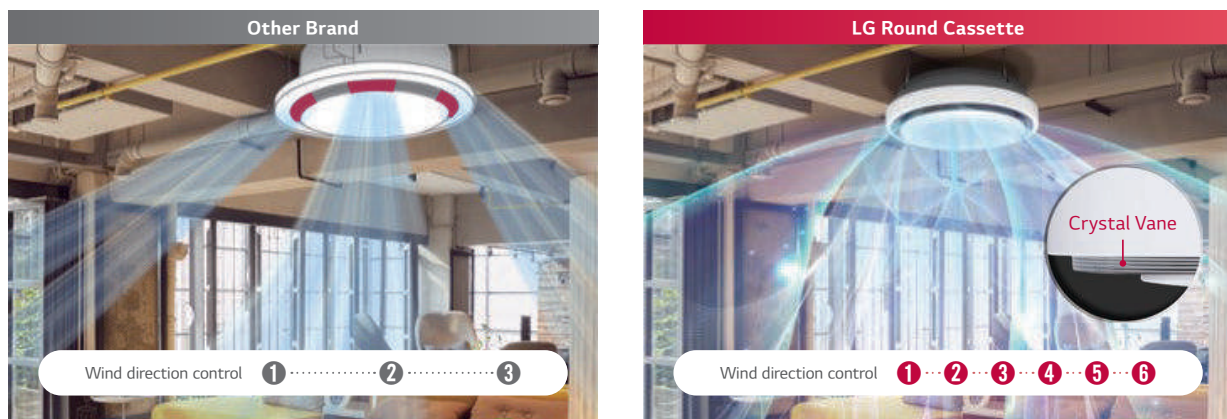


This air conditioning impresses with a sophisticated design and application concept that combines modern technology with a user-friendly operating comfort.

※ Red Dot Design Award : World's three major international design competitions, German Design Association (2019)
PIN UP Design Award : Korea Industrial Designers Association (Ministry of Trade, Industry and Energy) (2018)

6-Step Vane Control

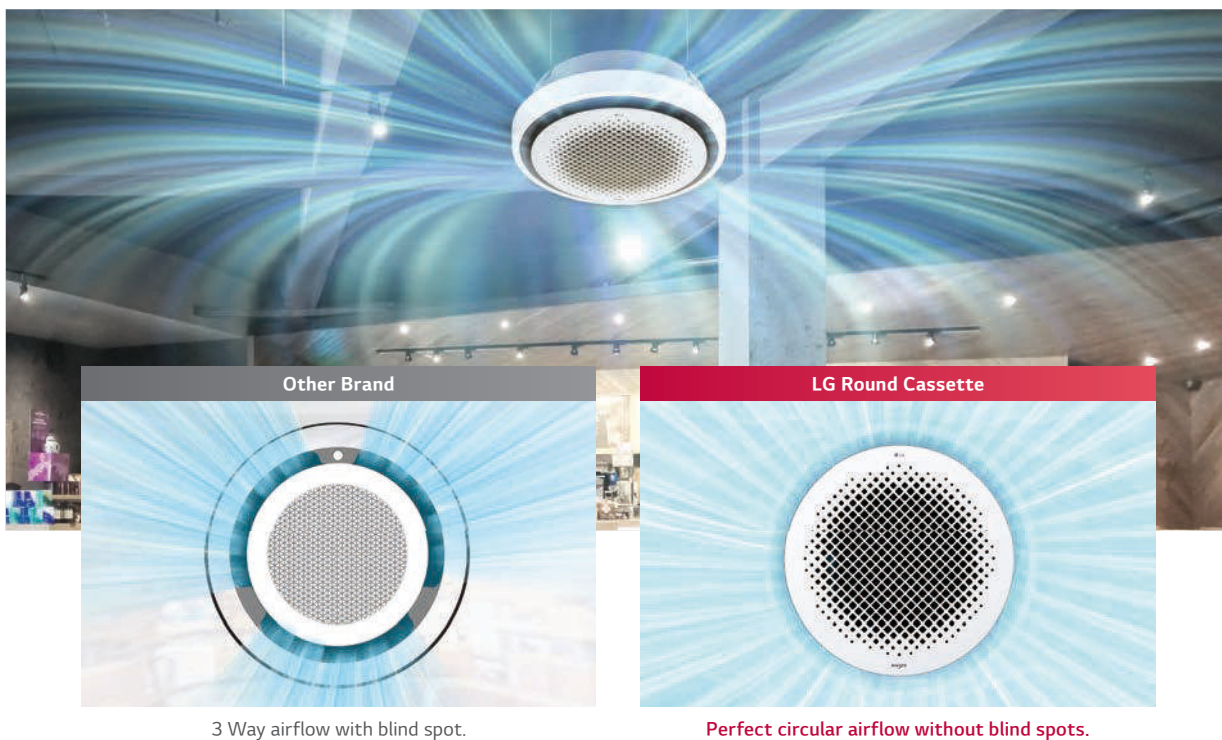
Crystal vane allows for 6-step precision control for cool and warm airflow in every direction.



ROUND CASSETTE

Perfect Round Airflow

Perfect round airflow without blind spots and 4 vanes can be controlled individually.



Quiet Operation

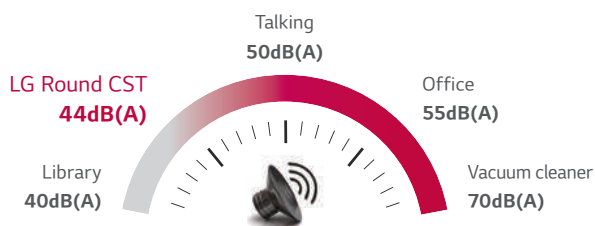
LG Round cassette makes the space quieter.

Sound Pressure

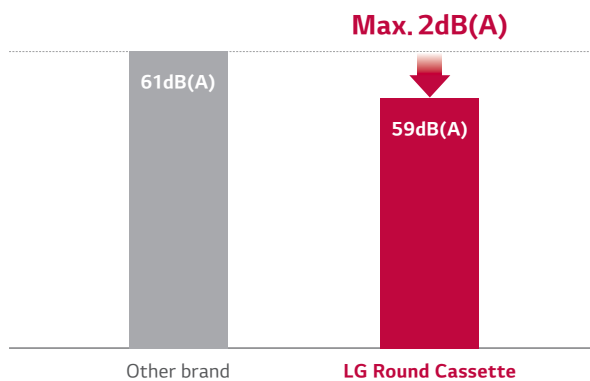


Normal communication
Noise level 50dB(A)

Library
Noise level 40dB(A)



Sound Power



Sound power levels (cooling)_dB(A)

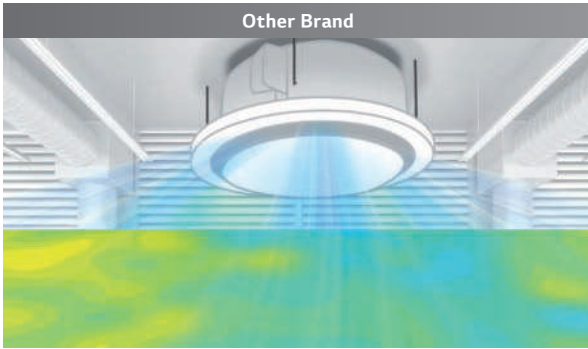
Other brand	LG Round Cassette
61	Max. 59

※ The value is based on the Sound pressure Level(Cooling), 11.0kW model

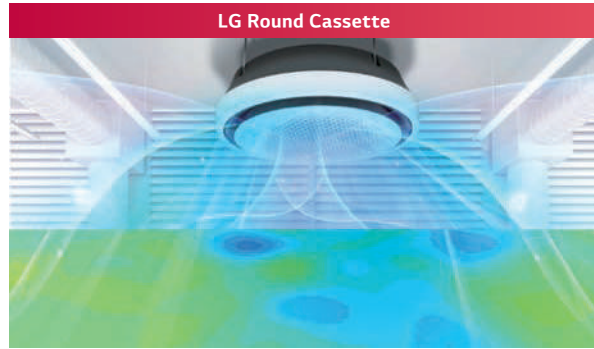
ROUND CASSETTE

Faster in Cooling

Larger airflow rate, cooling rate is 30% faster the competition.



Set temperature reach time 18 minutes (Height 1.1m)



Set temperature reach time 12 minutes (Height 1.1m)

※ Based on test results from LG chamber, this image is designed to help customers understand.

Experimental environment : height 3.2m, cooling mode, high flow rate, horizontal air flow direction, initial temperature :33°C, setting temperature 26°C

Outside Control Box

The control box is located on the side for comfortable wiring and installation.



Inconvenient installation

Inside control box / hard to installation

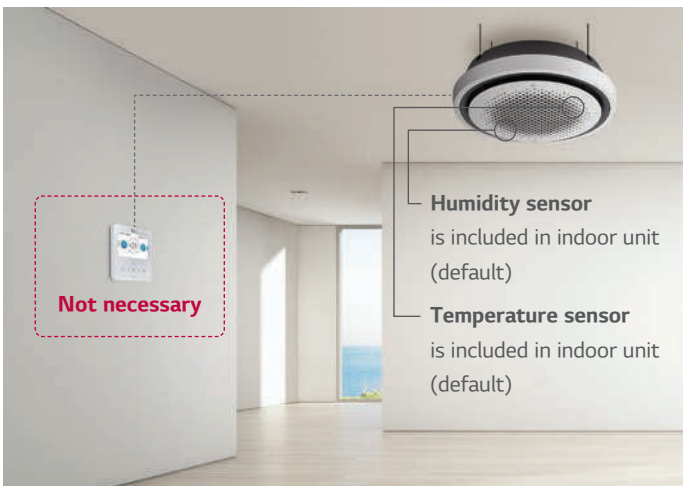


Convenient installation

Outside control box / easy to installation

Embedded Humidity Sensor

Humidity sensor is included as standard, so comfort cooling function is possible without separate wired remote controller.



Humidity sensor
is included in indoor unit
(default)

Temperature sensor
is included in indoor unit
(default)

Simple Setting

- 1 Press the 'Function' button repeatedly until 'comfort cooling icon' displayed



Function Button

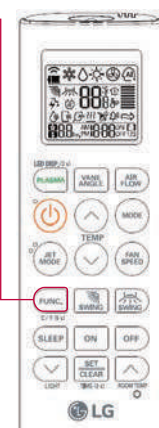


Comfort Cooling Icon

- 2 Press the 'Set' button



Set Button



STANDARD INVERTER (R32)

UT36F NY0 / UT48F NY0



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

UUD1 U30



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
	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)			-20 / 52	-20 / 52
	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.	Ø 32.0 / 25.0	Ø 32.0 / 25.0
OUTDOOR				UUD1 U30	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker			Min. A	40	
Power Supply Cable (included Earth)			No. x mm²	3C x 6.0	
Dimensions		Net W x H x D	mm	950 x 1,380 x 330	
Weight		Net	kg	85.0	
Compressor		Type	-	LG Inverter Scroll	
Refrigerant	Type		-	R32	
	GWP (Global Warming Potential)		-	675	
	Precharged Amount		kg	3.0	
	t-CO ₂ eq.		-	2.025	
	Additional Charging Volume		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.	30	

STANDARD INVERTER (R32)

UT36F NYO / UT48F NYO



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UUD3 U30



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	5.20	7.00
	Heating	Rated	A	5.30	7.30
EER / COP			kWh/kWh	3.60 / 3.90	3.05 / 3.40
SEER / SCOP			kWh/kWh	6.80 / 4.30	6.50 / 4.30
P Design	Cooling @ 35°C		kW	11.0	13.4
	Heating @-10°C		kW	9.0	9.0
Seasonal Energy Label		Cooling / Heating	-	- / -	- / -
Annual Energy Consumption		Cooling / Heating	kWh	566 / 2,931	1,237 / 2,931
Dehumidification Rate			ℓ/h	4.27	5.65
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 50	52 / 53
ODU Sound Power Level	Cooling / Heating	Rated	dB(A)	66 / -	69 / 69
Piping Connections	Liquid	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 NYO	UT48F NYO
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)			H / M / L	W	125 / 90 / 66
Air Flow Rate			H / M / L	m³/min	29.0 / 25.0 / 21.0
Dimensions	Body	W x H x D	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
Sound Pressure Level	Cooling	H / M / L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
	Heating	H / M / L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
Sound Power Level	Cooling	Rated	dB(A)	59	60
	Heating	Rated	dB(A)	-	62
Piping Connections	Drain Pipe	O.D. / I.D.	mm	Ø 32.0 / 25.0	Ø 32.0 / 25.0
OUTDOOR				UUD3 U30	
Power Supply			Ø / V / Hz	3 / 380-415 / 50	
Circuit Breaker			Min.	A	
Power Supply Cable (included Earth)			No. x mm²	5C x 2.5	
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Type		-	LG Inverter Scroll	
Refrigerant	Type		-	R32	
	GWP (Global Warming Potential)		-	675	
	Precharged Amount		kg	3.0	
	t-CO₂eq.		-	2.025	
	Additional Charging Volume		g/m	40	
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2	
Total Piping Length			Min. / Max.	m	
Piping Elevation	IDU-ODU	Max.	m	30	



Megaclima
DESDE 1993



video 2"



**Apresentação
Megaclima**

video 4"



**Academia
Megaclima**

video 7"



**Por dentro da
Megaclima**

30 Anos na climatização e tratamento de ar

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