

Slim and Compact Design

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

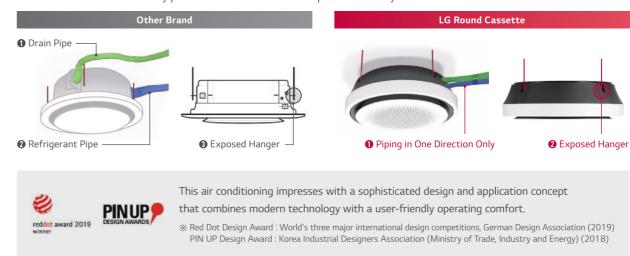




※ Product: 11 / 13.4kW

Minimal Exposure Design

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



6-Step Vane Control

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

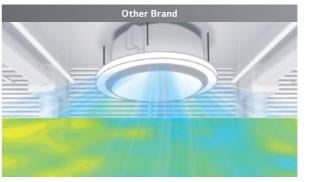




ROUND CASSET

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



LG Round Cassette

Convenient installation Outside control box / easy to installation

Quiet Operation

LG Round cassette makes the space quieter.

Perfect Round Airflow

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

Other Brand

3 Way airflow with blind spot.

Sound Pressure



Normal communication

Noise level 50dB(A)

Library Noise level 40dB(A)



Sound Power

Perfect circular airflow without blind spots.

Sound	power	levels	(cooling)	dB(A)

50d	B(A)
LG Round CST	Office
44dB(A)	55dB(A)
Library 40dB(A)	Vacuum cleaner

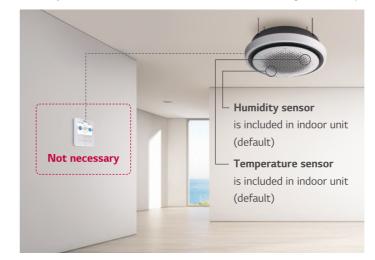
Talking

Journa power tevets (cooting)_ab(/1)				
Other brand	LG Round Cassette			
61	Max. 59			

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

Embedded Humidity Sensor

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



Simple Setting

• Press the 'Function' button repeatedly until 'comfort cooling icon' displayed





Comfort Button Cooling Icon

2 Press the 'Set' button





UT36F NY0 / UT48F NY0





UUD1 U30



Check ongoing validity of certification

www.eurovent-certification.com LG participates in the ECP programme for EUROVENT AC program.

COMBINATION				36	48
Canaditus	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
Capacity	Heating	Min. / Rated / Max.	kW	4.30 / 12.20 / 13.39	6.20 / 15.50 / 17.52
D 1 . (C .)	Cooling	Min. / Rated / Max.	kW	0.50 / 3.06 / 3.98	0.90 / 4.39 / 5.71
Power Input (Set)	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
	Cooling	Rated	А	10.10	19.50
Running Current	Heating	Rated	Α	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
	Cooling @ 35°C		kW	11.0	13.4
P Design	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		cooming , ricating	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
COLING : OWER LEVER	Liquid	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connections	Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
i iping connections	Connections Meth		-	Flare	9 15.00 (5/0) Flare
	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
Operation Range (Outdoor)	Heating	Min. / Max.	°C	-25 / 18	-25 / 18
INDOOR	rieating	IVIIII. / IVIAA.		UT36F NY0	UT48F NY0
			Ø / V / Hz	1/220-240/50	1 / 220-240 / 50
Power Supply		H/M/L	W W		
Power Input (IDU)			••	90 / 66 / 48	125 / 90 / 66
Air Flow Rate	D 1	H/M/L	m³/min	25.0 / 21.0 / 19.0	29.0 / 25.0 / 21.0
Dimensions	Body	WxHxD	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body	11 / 84 / 1	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				UUD1	
Power Supply			Ø/V/Hz	1 / 220-240 / 50	
Circuit Breaker		Min.	Α	40	
Power Supply Cable (included Earth)		No. x mm ²	3C x 6.0		
Dimensions	Net	WxHxD	mm	950 x 1,380 x 330	
Weight	Net		kg	85.0	
Compressor	Туре		-	LG Inverter Scroll	
	Туре		-	R3	
	GWP (Global Warming Potential) -		-	675	
Refrigerant	Precharged Amount kg		kg	3.0	
	t-CO₂eq.		-	2.02	25
	Additional Chargin	g Volume	g/m	40)
Fan	an Air Flow Rate Rated		m³/min x No.	55 x 2	
Total Piping Length		Min. / Max.	m	5/8	85
Piping Elevation IDU-ODU Max.		m	30		

STANDARD INVERTER (R32)

UT36F NY0 / UT48F NY0





UUD3 U30





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COMBINATION				36	48
Canacity	Cooling	Min. / Rated / Max.	kW	3.80 / 11.00 / 12.54	5.40 / 13.40 / 15.68
Capacity	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
rower input (Set)	Heating	Min. / Rated / Max.	kW	0.50 / 3.13 / 4.26	0.90 / 4.56 / 5.56
Dunning Comment	Cooling	Rated	Α	5.20	7.00
Running Current	Heating	Rated	Α	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
D Docian	Cooling @ 35°C		kW	11.0	13.4
P Design	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
	Liquid	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connections	Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Connections Meth	od	-	Flare	Flare
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-20 / 52	-20 / 52
Operation Range (Outdoor)	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	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	WxHxD	mm	1,050 x 330 x 1,050	1,050 x 330 x 1,050
Weight	Body		kg	30.0	30.0
	Cooling	H/M/L	dB(A)	44.0 / 40.0 / 38.0	47.0 / 44.0 / 40.0
Sound Pressure Level	Heating	H/M/L	dB(A)	47.0 / 43.0 / 40.0	49.0 / 46.0 / 42.0
	Cooling	Rated	dB(A)	59	60
Sound Power Level	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				UUD	3 U30
Power Supply			Ø/V/Hz	3 / 380-415 / 50	
Circuit Breaker		Min.	А	20	
Power Supply Cable (included Earth)			No. x mm²	5C x 2.5	
Dimensions Net W x H x D		WxHxD	mm	950 x 1,380 x 330	
Veight Net		kg	85.0		
Compressor			-	LG Inverter Scroll	
	Туре		-	R32	
	71	(Global Warming Potential) -		675	
Refrigerant			kg	3.0	
	t-CO₂eq.		-	2.025	
	Additional Chargin	g Volume	q/m		10
Fan	Air Flow Rate	Rated	m³/min x No.	55	x 2
Total Piping Length		Min. / Max.	m	5 /	185
				37	