

CEILING MOUNTED CASSETTE



STANDARD INVERTER (R32)

CT09F
CT12F
CT18F
CT24F
UT30F



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				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 Range (Outdoor)	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 NRO	CT12F NRO	CT18F NQ0	CT24F NBO	UT30F NBO
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
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
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		
	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	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		

* Decoration panel can be selected as an optional accessory.

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°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.
- This product contains fluorinated greenhouse gases. (R32)