

# CEILING MOUNTED CASSETTE



## COMPACT INVERTER (R32)

CT18F  
CT24F  
UT30F  
UT36F



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](http://www.eurovent-certification.com)

COMMERCIAL

SINGLE SPLIT

COMBINATION				18	24	30	36	
Capacity	Cooling	Min - Rated - Max	kW	1.8 / 5.0 / 5.5	2.7 / 6.8 / 7.5	3.0 / 7.5 / 8.3	3.8 / 9.5 / 10.8	
	Heating	Min - Rated - Max	kW	2.1 / 5.2 / 5.7	3.0 / 7.5 / 8.6	3.2 / 7.9 / 8.7	4.3 / 10.8 / 11.7	
Power Input (Set)	Cooling	Min - Rated - Max	kW	0.34 / 1.76 / 2.11	0.40 / 2.00 / 2.40	0.50 / 2.31 / 2.77	0.60 / 2.79 / 3.57	
	Heating	Min - Rated - Max	kW	0.30 / 1.45 / 1.87	0.40 / 2.21 / 2.87	0.50 / 2.37 / 3.08	0.60 / 2.77 / 3.30	
Running Current	Cooling	Rated	A	7.8	8.8	10.1	12.4	
	Heating	Rated	A	6.4	9.6	10.4	12.3	
EER / COP			kWh/kWh	2.85 / 3.60	3.40 / 3.39	3.25 / 3.34	3.40 / 3.90	
SEER / SCOP			kWh/kWh	6.3 / 3.9	7.0 / 4.2	6.8 / 4.2	6.7 / 4.3	
Pdesign	Cooling @ 35°C			kW	5	6.8	7.5	9.5
	Heating @ -10°C			kW	2.8	4.1	4.1	5.6
Seasonal Energy Label	Cooling / Heating			-	A++ / A	A++ / A+	A++ / A+	
Annual Energy Consumption	Cooling / Heating			kWh	278 / 1,005	340 / 1,367	386 / 1,367	496 / 1,823
Dehumidification Rate			l/h	1.8	2.6	3.1	2.5	
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	48 / 53	50 / 54	54 / 56	
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	67	70	
Piping Connections	Liquid			mm (inch)	Ø6,35 (1/4)	Ø9,52 (3/8)	Ø9,52 (3/8)	Ø9,52 (3/8)
	Gas			mm (inch)	Ø9,52 (3/8)	Ø15,88 (5/8)	Ø15,88 (5/8)	Ø15,88 (5/8)
	Connections Method			-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min - Max	°C	-10 - 50	-10 - 48	-10 - 48	-20 - 50	
	Heating	Min - Max	°C	-10 - 18	-15 - 18	-15 - 18	-15 - 18	
INDOOR				CT18F NQ0	CT24F NBO	UT30F NBO	UT36F NAO	
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	
Power Input (IDU)	H / M / L		W	30 / 26 / 22	36 / 26 / 21	40 / 33 / 26	60 / 50 / 45	
Air Flow Rate	H / M / L		m³/min	13 / 12 / 11	18 / 15,5 / 14	19 / 17 / 15,5	27,5 / 25 / 22,5	
Dimensions	Body	W x H x D	mm	570 x 256 x 570	840 x 204 x 840	840 x 204 x 840	840 x 288 x 840	
Weight	Body			kg	13,9	21,1	25,3	
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37	38 / 36 / 34	40 / 37 / 35	44 / 42 / 41	
Sound Power Level	Cooling	Max	dB(A)	57	53	57	61	
Piping Connections	Drain	O.D. / I.D.	mm	Ø32,0 / 25,0	Ø32,0 / 25,0	Ø32,0 / 25,0	Ø32,0 / 25,0	
	Model Name			-	PT-QAGW0	PT-AAGW0	PT-AAGW0	PT-AAGW0
Recommended Decoration Panel*	Color			-	White	White	White	
	Dimensions	Body	mm	620 x 34 x 620	950 x 35 x 950	950 x 35 x 950	950 x 35 x 950	
	Weight	Body	kg	3,0	7,1	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 mm <sup>3</sup>	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 <sub>2</sub> eq			-	0,675	0,81	1,283	
	Additional Charge (After 7.5m)			g/m	20	40	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 / 35	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)