

# CEILING MOUNTED CASSETTE



## H-INVERTER (R32)

UT09FH  
UT12FH  
UT18FH  
UT24FH  
UT30FH



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

COMMERCIAL

SINGLE SPLIT

COMBINATION			9	12	18	24	30	
Capacity	Cooling	Min - Rated - Max	kW	1,6 / 2,5 / 4,0	1,6 / 3,4 / 4,8	2,0 / 5,0 / 6,0	2,7 / 6,8 / 8,3	3,2 / 8,0 / 9,5
	Heating	Min - Rated - Max	kW	1,7 / 3,2 / 4,5	1,7 / 4,1 / 5,8	2,3 / 5,8 / 7,0	3,2 / 7,9 / 9,9	3,6 / 9,0 / 10,7
Power Input (Set)	Cooling	Min - Rated - Max	kW	0,32 / 0,61 / 0,98	0,32 / 0,97 / 1,78	0,30 / 1,25 / 1,69	0,30 / 1,66 / 2,31	0,40 / 2,12 / 2,82
	Heating	Min - Rated - Max	kW	0,32 / 0,75 / 1,06	0,32 / 1,03 / 1,87	0,30 / 1,47 / 1,98	0,40 / 1,76 / 2,53	0,40 / 2,14 / 2,93
Running Current	Cooling	Rated	A	2,7	4,3	7,2	7,4	9,4
	Heating	Rated	A	3,3	4,6	7,7	7,8	9,5
EER / COP			kWh/kWh	4,10 / 4,30	3,50 / 4,00	4,00 / 3,95	4,10 / 4,48	3,77 / 4,20
SEER / SCOP			kWh/kWh	7,0 / 4,0	6,8 / 4,0	7,6 / 4,4	8,5 / 4,8	7,8 / 4,8
Pdesign	Cooling @ 35°C		kW	2,5	3,4	5,0	6,8	8
	Heating @ -10°C		kW	2,8	2,8	4,1	5,5	5,5
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A++ / A+	A++ / A+	A+++ / A++	A++ / A++
Annual Energy Consumption	Cooling / Heating		kWh	125 / 980	175 / 980	230 / 1,305	280 / 1,604	359 / 1,604
Dehumidification Rate			l/h	0,1	0,8	1,9	1,7	2,7
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			UT09FH NQ0	UT12FH NQ0	UT18FH NB0	UT24FH NAO	UT30FH NAO
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)		W	30 / 26 / 22	30 / 26 / 22	33 / 26 / 22	43 / 35 / 28	43 / 35 / 28
Air Flow Rate		H / M / L m <sup>3</sup> /min	11,0 / 10,0 / 9,3	11,0 / 10,0 / 9,3	17,0 / 15,5 / 14,0	23,8 / 21,4 / 19,0	23,8 / 21,4 / 19,0
Dimensions	Body	W x H x D	mm	570 x 256 x 570	570 x 256 x 570	840 x 204 x 840	840 x 288 x 840
Weight	Body		kg	13,9	13,9	21,1	25,3
Sound Pressure Level	Cooling	H / M / L	dB(A)	41 / 39 / 37	41 / 39 / 37	37 / 36 / 34	42 / 41 / 40
Sound Power Level	Cooling	Max	dB(A)	54	54	52	56
Piping Connections	Drain	O.D. / I.D.	mm	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-AFGW0	PT-AFGW0
	Color		-	White	White	White	White
	Dimensions	Body	mm	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	7,5	7,5

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
	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
Refrigerant	Additional Charge (After 7,5m)		g/m	20	20	40
	Fan	Air Flow Rate	Rated	m <sup>3</sup> /min x No.	28 x 1	50 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)