

COMPACT INVERTER (R32)

High Performance by Powerful cooling & heating

- High ceiling mode provides powerful cooling and heating up to 4.2m in height from floor, 15m away from ceiling.
- Optional Two thermistors control, The indoor temperature can be checked using the thermistors in the remote controller as well as from the indoor unit.
- 5 different fan speeds available for comfort, maximum cooling & heating
- Smart Sensor (Temperature Sensor + Pressure Sensor) operation can reach desired Indoor temperature more rapidly.
- Mobile LGMV (monitoring View) helps engineers to inspect and monitor an air conditioning unit easily by mobile phone
- One Touch & 2 Piece Filter, Easy in / out filter structure as well as a simplified two-piece filter, which slides out for easy cleaning and maintenance.



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

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 / 10,5
	Heating	Min. / Rated / Max.	kW	2,2 / 5,3 / 5,8	2,9 / 7,3 / 8,4	3,2 / 8,0 / 8,8	4,1 / 10,3 / 11,5
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0,32 / 1,61 / 1,93	0,40 / 2,06 / 2,47	0,50 / 2,42 / 2,90	0,70 / 3,28 / 3,87
	Heating	Min. / Rated / Max.	kW	0,30 / 1,44 / 1,86	0,40 / 2,23 / 2,90	0,50 / 2,48 / 3,22	0,60 / 2,78 / 3,45
Running Current	Cooling / Heating	Rated	A	7,2 / 6,4	9,0 / 9,7	10,6 / 10,8	14,6 / 12,3
EER / COP			kWh / kWh	3,10 / 3,70	3,30 / 3,28	3,10 / 3,23	2,90 / 3,70
SEER / SCOP			kWh / kWh	6,6 / 4,6	6,6 / 4,2	6,6 / 4,3	6,1 / 4,2
Pdesign	Cooling @ 35°C		kW	5	6,8	7,5	9,5
	Heating @ -10°C		kW	2,9	4,3	4,4	5,5
Seasonal Energy Label	Cooling / Heating		-	A++ / A++	A++ / A+	A++ / A+	A++ / A+
Annual Energy Consumption	Cooling / Heating		kWh	265 / 883	361 / 1,433	398 / 1,433	545 / 1,833
Dehumidification Rate			l/h	1,7	2,4	2,8	3,6
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 / Gas		mm (inch)	Ø6,35 (1/4) / Ø12,7 (1/2)	Ø9,52 (3/8) / Ø15,88 (5/8)	Ø9,52 (3/8) / Ø15,88 (5/8)	Ø9,52 (3/8) / 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				UV18F.N10	UV24F.N10	UV30F.N10	UV36F.N20
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	17 / 15 / 13	33 / 26 / 19	47 / 40 / 33	50 / 35 / 28
Air Flow Rate		H / M / L	m³/min	13 / 12 / 11	16 / 15 / 14	19 / 17,5 / 16	28 / 24 / 20
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 235 x 690
Weight	Body		kg	27,3	28	28	36,7
Sound Pressure Level*	Cooling	H / M / L	dB (A)	42 / 40 / 39	46 / 45 / 43	46 / 44 / 43	46 / 43 / 40
Sound Power Level	Cooling	Max.	dB (A)	55	61	62	62
Piping Connections	Drain	O.D. / I.D.	mm	Ø32,0 / 26,0	Ø32,0 / 26,0	Ø32,0 / 26,0	Ø32,0 / 26,0
OUTDOOR				UUA1.U0	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	
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	
	Precharged Amount / t-CO ₂ eq		kg	1,0 / 0,675	1,2 / 0,81	1,9 / 1,283	
	Chargeless		m	10	10	20	
	Additional Charging Volume		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	

* : Sound Pressure is not a value declared on Eurovent Program.

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°C DB / 19°C WB, Outdoor Ambient Temp 35°C DB / 24°C WB
 - Heating : Indoor Ambient Temp 20°C DB / 15°C WB, Outdoor Ambient Temp 7°C DB / 6°C WB
 - 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)
- For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.