

## STANDARD INVERTER (R32)

UQ09F / UQ12F / UQ18F

UUA1 ULO

UUB1 U20



LG participates in the ECP programme for EUROVENT AC program.  
Check ongoing validity of certification  
: [www.eurovent-certification.com](http://www.eurovent-certification.com)

COMBINATION				9	12	18	
Capacity	Cooling	Min. / Rated / Max.	kW	1.5 / 2.6 / 3.4	1.5 / 3.5 / 4.0	2.0 / 5.0 / 5.8	
	Heating	Min. / Rated / Max.	kW	1.6 / 3.1 / 3.9	1.6 / 4.0 / 4.3	2.0 / 4.9 / 5.4	
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.65 / 0.91	0.30 / 1.00 / 1.46	0.40 / 1.75 / 2.45	
	Heating	Min. / Rated / Max.	kW	0.30 / 0.74 / 1.08	0.30 / 1.05 / 1.58	0.30 / 1.56 / 2.11	
Running Current	Cooling	Rated	A	2.9	4.4	8.3	
	Heating	Rated	A	3.3	4.7	8.0	
EER / COP			kWh / kWh	4.00 / 4.20	3.50 / 3.80	2.85 / 3.14	
SEER / SCOP			kWh / kWh	6.5 / 4.0	6.4 / 4.0	5.8 / 3.8	
Pdesign	Cooling @ 35°C		kW	2.6	3.5	5	
	Heating @ -10°C		kW	2.8	3	3.8	
Seasonal Energy Label			Cooling / Heating	-	A++ / A+	A+ / A	
Annual Energy Consumption			Cooling / Heating	kWh	140 / 980	191 / 1,050	302 / 1,396
Dehumidification Rate				l/h	0.7	1.3	2.4
ODU Sound Pressure Level		Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52
ODU Sound Power Level		Cooling	Rated	dB(A)	65	65	63
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	
	Connections Method			-	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	
INDOOR				UQ09F NAO	UQ12F NAO	UQ18F NAO	
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Power Input (IDU)			W	37 / 30 / 25	37 / 30 / 25	44 / 39 / 35	
Air Flow Rate			H / M / L	m³/min	8.5 / 6.7 / 5.0	8.5 / 6.7 / 5.0	10.1 / 8.6 / 7.2
Dimensions		Body	W x H x D	mm	700 x 600 x 210	700 x 600 x 210	700 x 600 x 210
Weight		Body		kg	16.3	16.3	16.3
Sound Pressure Level		Cooling	H / M / L	dB(A)	38 / 32 / 27	38 / 32 / 27	44 / 39 / 35
Sound Power Level		Cooling	Max.	dB(A)	59	59	60
Piping Connections		Drain	O.D. / I.D.	mm	Ø16.7 / 12.2	Ø16.7 / 12.2	Ø16.7 / 12.2
OUTDOOR				UUA1 ULO	UUB1 U20		
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	
Circuit Breaker		Min.	A	15		20	
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5		3C x 2.5	
Dimensions		Net	W x H x D	mm	770 x 545 x 288	870 x 650 x 330	
Weight		Net		kg	33.3	44.5	
Compressor		Type		-	Twin Rotary	Twin Rotary	
Refrigerant		Type		-	R32	R32	
		GWP (Global Warming Potential)		-	675	675	
		Precharged Amount	kg		1.0	1.2	
		t-CO <sub>2</sub> eq		-	0.675	0.81	
		Additional Charge (After 7.5m)	g/m		20	20	
Fan		Air Flow Rate	Rated	m³/min x No.	28 x 1	50 x 1	
Total Piping Length			Min. / Max.	m	5 / 30	5 / 30	
Piping Elevation			IDU - ODU	Max.	m	30	30

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)