

CEILING SUSPENDED UNIT



STANDARD INVERTER (R32)

UV36F / UV42F / UV48F / UV60F

UUD1.U30



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



COMBINATION				36	42	48	60	
Capacity	Cooling	Min ~ Rated ~ Max	kW	3.8 ~ 9.5 ~ 12.5	4.8 ~ 12.1 ~ 14.2	5.4 ~ 13.4 ~ 15.7	5.8 ~ 14.4 ~ 15.6	
	Heating	Min ~ Rated ~ Max	kW	4.3 ~ 10.8 ~ 13.4	5.4 ~ 13.5 ~ 15.8	6.2 ~ 15.5 ~ 17.5	6.7 ~ 16.8 ~ 18.1	
Power Input (Set)	Cooling	Min ~ Rated ~ Max	kW	0.50 ~ 2.65 ~ 4.03	0.80 ~ 3.90 ~ 5.07	0.90 ~ 4.50 ~ 5.85	1.10 ~ 5.33 ~ 5.97	
	Heating	Min ~ Rated ~ Max	kW	0.50 ~ 2.60 ~ 3.54	0.80 ~ 3.75 ~ 4.88	0.90 ~ 4.77 ~ 5.82	1.10 ~ 5.60 ~ 6.44	
Running Current	Cooling	Rated	A	11.7	17.0	19.7	23.6	
	Heating	Rated	A	11.4	16.5	20.6	24.6	
EER / COP			kWh/kWh	3.59 / 4.15	3.10 / 3.60	2.98 / 3.25	2.70 / 3.00	
SEER / SCOP			kWh/kWh	6.3 / 4.1	6.3 / 4.1	5.9 / 4.1	5.7 / 4.1	
Pdesign	Cooling @ 35°C			kW	9.5	12.1	13.4	14.4
	Heating @ -10°C			kW	9.5	9.5	9.5	9.5
Seasonal Energy Label	Cooling / Heating			-	A++ / A+	- / -	- / -	
Annual Energy Consumption	Cooling / Heating			kWh	528 / 3,244	1,152 / 3,244	1,363 / 3,244	1,516 / 3,244
Dehumidification Rate			l/h	3.6	5.5	6.3	7.1	
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	50 / 50	51 / 52	52 / 53	54 / 54	
ODU Sound Power Level	Cooling	Rated	dB(A)	66	69	69	71	
Piping Connections	Liquid			mm (inch)	φ 9.52 (3/8)	φ 9.52 (3/8)	φ 9.52 (3/8)	φ 9.52 (3/8)
	Gas			mm (inch)	φ 15.88 (5/8)	φ 15.88 (5/8)	φ 15.88 (5/8)	φ 15.88 (5/8)
	Connections Method			-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min ~ Max	°C	-20 ~ 52	-20 ~ 52	-20 ~ 52	-20 ~ 52	
	Heating	Min ~ Max	°C	-25 ~ 18	-25 ~ 18	-25 ~ 18	-25 ~ 18	
INDOOR				UV36F.N20	UV42F.N20	UV48F.N20	UV60F.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	50 / 35 / 28	50 / 35 / 28	59 / 40 / 28	59 / 40 / 28	
Air Flow Rate	H / M / L		m³/min	28 / 24 / 20	28 / 24 / 20	30 / 25 / 20	30 / 25 / 20	
Dimensions	Body	W x H x D	mm	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	1,600 x 235 x 690	
Weight	Body			kg	36.7	36.7	36.7	
Sound Pressure Level	Cooling	H / M / L	dB(A)	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40	
Sound Power Level	Cooling	Max.	dB(A)	62	62	63	63	
Piping Connections	Drain(Natural Drainage)	O.D. / I.D.	mm	φ 25.0 / 20.5	φ 25.0 / 20.5	φ 25.0 / 20.5	φ 25.0 / 20.5	
	Drain(Using Drain Pump)	O.D. / I.D.	mm	φ 32.0 / 26.0	φ 32.0 / 26.0	φ 32.0 / 26.0	φ 32.0 / 26.0	
OUTDOOR				UUD1.U30				
Power Supply			Ø, V, Hz	1, 220-240, 50				
Circuit Breaker	Min		A	40				
Power Supply Cable (included Earth)			No x mm³	3C x 6.0				
Dimensions	Net	W x H x D	mm	950 x 1,380 x 330				
Weight	Net			kg	85			
Compressor	Type			Inverter Scroll				
	Type			R32				
Refrigerant	GWP (Global Warming Potential)			675				
	Precharged Amount			3.0				
	t-CO ₂ eq.			2,025				
	Additional Charge (After 7.5m)			40				
Fan	Air Flow Rate	Rated	m³/min x No.	55 x 2				
Total Piping Length	Min / Max		m	5 / 85				
Piping Elevation	IDU - ODU	Max	m	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°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)