



CEILING SUSPENDED UNITS

wireless controller supplied as standard



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



UU36W
UU42W
UU48W
UU60W



INDOOR				UV18R N10	UV24R N10	UV36R N20	UV42R.N20	UV48R.N20	UV60R.N20
Capacity	Cooling	Min / Nom / Max	kW	1.9 / 5.0 / 6.0	2.8 / 6.8 / 7.5	4.5 / 9.5 / 13.0	5.0 / 12.0 / 14.5	5.5 / 13.4 / 16.0	5.7 / 14.4 / 15.7
	Heating	Min / Nom / Max	kW	2.0 / 5.2 / 6.3	3.0 / 7.5 / 8.3	5.0 / 10.8 / 13.7	5.5 / 13.5 / 16.5	6.1 / 15.5 / 18.0	6.8 / 16.8 / 18.7
Low Temperature Capacity	Heating -7°C	Max	kW	4.6	6.9	9.4	12.5	14.3	15.2
Power Input (Set)	Cooling	Nom	kW	1.38	1.97	2.30	3.65	4.15	4.90
	Heating	Nom	kW	1.52	2.20	2.75	4.00	4.90	5.55
Power Input (Indoor)		Min / Max	W	20 / 25	40 / 60	30 / 180	30 / 180	30 / 180	30 / 180
Running Current	Cooling/Heating	Nom	A	6.1 / 6.7	8.7 / 9.8	10.0 / 12.0	16.9 / 16.0	18.0 / 21.3	21.3 / 24.1
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	1 / 220-240 / 50
EER				3.62	3.45	4.13	3.28	3.23	2.94
COP				3.42	3.40	3.93	3.37	3.16	3.03
SEER				6.50	7.10	5.62	5.5	5.51	5.45
SCOP				4.30	4.30	4.04	4.0	3.96	3.92
Pdesign (@-10°C)			kW	4.1	5.4	8.05	8.05	9.3	9.3
Seasonal Energy Label	Cooling / Heating(A++ to E Scale)			A++ / A+	A++ / A+	A+ / A+	A / A+	-	-
Annual Energy Consumption	Cooling / Heating		kWh	269 / 1,335	335 / 1,758	594 / 2,800	764 / 2,800	1,459 / 3,288	1,651 / 3,321
	Liquid		mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Drain	O.D. / I.D.	mm	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0	21.5 / 16.0
Air Flow Rate		High / Medium / Low	m³/min	13.0 / 12.0 / 11.0	16.0 / 15.0 / 14.0	28.0 / 24.0 / 20.0	28.0 / 24.0 / 20.0	30.0 / 25.0 / 20.0	30.0 / 25.0 / 20.0
Sound Pressure	Cooling	High / Medium / Low	dBA	42 / 40 / 39	44 / 43 / 41	46 / 43 / 40	46 / 43 / 40	48 / 44 / 40	48 / 44 / 40
Sound Power	Cooling	Max	dBA	55	61	63	63	63	63
Dehumidification Rate			l/h	1.9	3.0	3.8	5.8	6.3	7.1
Dimensions	Body	W x H x D	mm	1,200 x 235 x 690	1,200 x 235 x 690	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235	1,600 x 690 x 235
Net Weight	Body		kg	27.3	28.0	36.5	36.5	36.5	36.5
List Price			£	£486.00	£567.00	£651.00	£670.00	£810.00	£1,012.00

Model				UU18WR.U20	UU24WR.U40	UU36WR.U30	UU42WR.U30	UU48WR.U30	UU60WR.U30
Power Supply		V, Ø, Hz		220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50	220-240, 1, 50
Power Factor		Rated		0.98	0.98	0.98	0.98	0.98	0.98
Power Supply Cable (included Earth)		No. x mm²		3C x 2.5	3C x 2.5	3C x 6.0	3C x 6.0	3C x 6.0	3C x 6.0
Casing Color		-		Warm Gray	Warm Gray	Warm Gray	Warm Gray	Warm Gray	Warm Gray
Dimensions	Net	W x H x D mm		870 x 650 x 330	950 x 834 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330	950 x 1,380 x 330
Weight	Net	kg		44.8	56.1	87.5	87.5	87.5	87.5
Compressor	Type	-		Twin Rotary	Twin Rotary	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll
	Type	-		R32	R32	R32	R32	R32	R32
	GWP (Global Warming Potential)	-		675	675	675	675	675	675
Refrigerant	Precharged Amount	g		1,100	1,600	3,000	3,000	3,000	3,000
	t-CO ₂ eq.	-		0.74	1.08	2.03	2.03	2.03	2.03
	Control	-		Electronic Expansion Valve					
	Chargeless-Pipe Length	m		7.5	7.5	7.5	7.5	7.5	7.5
	Additional Charging Volume	g/m		20	35	40	40	40	40
Heat Exchanger	(Row x Column x FPI) x No.	-		(2 x 28 x 14) x 1	(2 x 38 x 14) x 1	(2 x 32 x 14) x 2	(2 x 32 x 14) x 2	(2 x 32 x 14) x 2	(2 x 32 x 14) x 2
Fan	Type	-		Axial	Axial	Propeller	Propeller	Propeller	Propeller
	Air Flow Rate	Rated	m³/min x No.	50 x 1	58 x 1	55 x 2	55 x 2	55 x 2	55 x 2
Sound Pressure Level	Cooling	Rated	dB(A)	47	48	52	52	52	52
	Heating	Rated	dB(A)	52	52	54	54	54	54
Sound Power Level	Cooling	Rated	dB(A)	63	67	66	67	68	68
	Heating	Rated	dB(A)	-	-	70	71	72	72
Piping Connections	Liquid	Outer Dia. mm (inch)		Ø 6.35 (1/4)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 9.52 (3/8)
	Gas	Outer Dia. mm (inch)		Ø 12.7 (1/2)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
Piping Length		Min-Max	m	5.0 - 30	5.0 - 50	5 - 85	5 - 85	5 - 85	5 - 85
Maximum Height Difference (ODU ~ IDU)		Max.	m	30	30	30	30	30	30
Maximum Running Current		A							
Maximum Circuit Breaker		A							
List Price		£		£894.00	£1,073.00	£1,456.00	£1,568.00	£1,758.00	£2,010.00

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national code.
- Sound Level Values are measured at Anechoic chamber. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
- Capacities are net capacities and based on the following conditions. Refer to the Outdoor Unit Product Data Book Specifications for calculating the real capacity.
 - 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 Zero.