



CEILING DUCETD UNITS

wired controller supplied as standard



UU36W
UU42W
UU48W
UU60W



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

INDOOR				UM36R.N20	UM42R.N20	UM48R.N30	UM60R.N30
Capacity	Cooling	Min / Nom / Max	kW	4.5 / 9.5 / 13.0	5.1 / 12.0 / 14.5	5.5 / 13.4 / 16.0	5.9 / 15.0 / 16.3
	Heating	Min / Nom / Max	kW	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	10.0	12.5	14.8	15.2
	Cooling	Nom	kW	2.43	3.45	4.00	4.75
Power Input (Set)	Heating	Nom	kW	2.85	3.65	4.40	4.80
		Min / Max (ESP 5.0mmAq)	W	120 / 210	140 / 260	100 / 220	270 / 290
Power Input (Indoor)		Min / Max (ESP 15.0mmAq)	W	200 / 360	230 / 380	220 / 340	300 / 430
	Cooling / Heating	Nom	A	10.6 / 12.4	15.0 / 15.9	17.4 / 19.1	20.7 / 20.9
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.91	3.48	3.35	3.16
COP				3.79	3.70	3.52	3.50
SEER				5.62	5.50	5.51	5.45
SCOP				4.04	4.00	3.96	3.92
Pdesign (@-10°C)			kW	8.05	8.05	9.3	9.3
Seasonal Energy Label	Cooling / Heating (A++ to E Scale)			A+ / A+	A / A+	-	-
Annual Energy Consumption	Cooling / Heating		kWh	594 / 2,800	764 / 2,800	1,459 / 3,288	1,651 / 3,321
	Liquid		mm (inch)	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 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	32 / 25	32 / 25	32 / 25	32 / 25
Air Flow Rate		High / Medium / Low	m³/min	32.0 / 28.0 / 24.0	38.0 / 33.0 / 28.0	40.0 / 34.0 / 28.0	50.0 / 45.0 / 40.0
Sound Pressure	Cooling	High / Medium / Low	dBA	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Power	Cooling	Max	dBA	60	62	65	66
Dehumidification Rate			l/h	2.6	3.6	4.5	5.0
Dimensions	Body	W x H x D	mm	1,250 x 270 x 700	1,250 x 270 x 700	1,250 x 360 x 700	1,250 x 360 x 700
Net Weight	Body		kg	38.5	38.5	43.5	43.5
Factory Set ESP			mmAq (Pa)	6 (58.8)	6 (58.8)	6 (58.8)	6 (58.8)
External Static Pressure		Min - Max	mmAq (Pa)	4-15 (39-147)	5-15 (49-147)	5-15 (49-147)	5-15 (49-147)
List Price			£	£649.00	£651.00	£749.00	£865.00

Model				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
Power Factor		Rated	-	0.98	0.98	0.98	0.98
Power Supply Cable (included Earth)			No. x mm²	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
Dimensions	Net	W x H x D	mm	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	87.5	87.5	87.5	87.5
Compressor	Type		-	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll	LG Inverter Scroll
	Type		-	R32	R32	R32	R32
Refrigerant	GWP (Global Warming Potential)		g	675	675	675	675
	Precharged Amount		-	3,000	3,000	3,000	3,000
	t-CO ₂ eq		-	2.025	2.025	2.025	2.025
	Control		m	Electronic Expansion Valve			
Heat Exchanger	Chargeless-Pipe Length		g/m	7.5	7.5	7.5	7.5
	Additional Charging Volume		-	40	40	40	40
Fan	Heat Exchanger	(Row x Column x FPI) x No.	-	(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
	Type		-	Propeller	Propeller	Propeller	Propeller
Fan Motor	Air Flow Rate	Rated	m³/min x No.	55 x 2	55 x 2	55 x 2	55 x 2
	Type		-	BLDC	BLDC	BLDC	BLDC
Sound Pressure Level	Output		W x No.	124 x 2	124 x 2	124 x 2	124 x 2
	Cooling	Rated	dB(A)	52	52	52	52
Sound Power Level	Heating	Rated	dB(A)	54	54	54	54
	Cooling	Rated	dB(A)	66	67	68	68
Piping Connections	Heating	Rated	dB(A)	70	71	72	72
	Liquid	Outer Dia.	mm (inch)	Ø 9.52(3/8)	Ø 9.52(3/8)	Ø 9.52(3/8)	Ø 9.52(3/8)
Piping Length	Gas	Outer Dia.	mm (inch)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)	Ø 15.88 (5/8)
	Min-Max		m	5-85	5-85	5-85	5-85
Maximum Height Difference (ODU - IDU)		Max.	m	30	30	30	30
Maximum Running Current			A	36.1	36.1	36.1	36.1
Maximum Circuit Breaker			A	40	40	40	40
List Price			£	£1,456.00	£1,568.00	£1,758.00	£2,010.00

Note: 1. Due to our policy of innovation some specifications may be changed without notification.

2. Definition of Power Input Nominal conditions - Performance tested under EN14511

3. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 27°C DB / 19°C WB - Outdoor Temperature 35°C DB / 24°C WB Heating: - Indoor Temperature 20°C DB / 15°C WB - Outdoor Temperature 7°C DB / 6°C WB

4. Annual energy consumption: based on average use of 350 running hours in cooling and 1,400 hours in heating per year at seasonal condition

5. This product contains fluorinated greenhouse gases (R32)