

COMMERCIAL SINGLE SPLIT INDOOR UNITS



CEILING DUCETD UNITS 3Ø

wired controller supplied as standard



UU37W
UU43W
UU49W
UU61W



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

HIGH STATIC PRESSURE

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
Running Current	Cooling / Heating	Nom	A	3.5 / 4.1	5.0 / 5.3	5.8 / 6.4	6.9 / 6.9
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				5.60	5.50	5.51	5.45
SCOP				4.00	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
			m ³ /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
Air Flow Rate	Cooling	High / Medium / Low	dB(A)	36 / 34 / 33	38 / 36 / 34	40 / 38 / 36	42 / 40 / 38
Sound Pressure	Cooling	Max	dB(A)	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	UU37WR.U30				UU43WR.U30	UU49WR.U30	UU61WR.U30
Power Supply		V, Ø, Hz		380-415, 3, 50	380-415, 3, 50	380-415, 3, 50	380-415, 3, 50
Power Factor	Rated	-		0.98	0.98	0.98	0.98
Power Supply Cable (included Earth)		No. x mm ²		5C x 2.5	5C x 2.5	5C x 2.5	5C x 2.5
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
	(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
Fan	Type	-		Propeller	Propeller	Propeller	Propeller
	Air Flow Rate	Rated	m ³ /min x No.	55 x 2	55 x 2	55 x 2	55 x 2
Fan Motor	Type	-		BLDC	BLDC	BLDC	BLDC
	Output	W x No.		124 x 2	124 x 2	124 x 2	124 x 2
Sound Pressure Level	Cooling	Rated	dB(A)	52	52	52	52
	Heating	Rated	dB(A)	54	54	54	54
Sound Power Level	Cooling	Rated	dB(A)	66	67	68	68
	Heating	Rated	dB(A)	70	71	72	72
Piping Connections	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)
	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)
Piping Length	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		16.6	16.6	16.6	16.6
Maximum Circuit Breaker		A		20	20	20	20
List Price			£	£1,470.00	£1,563.00	£1,812.00	£2,110.00

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)