

# COMMERCIAL SINGLE SPLIT INDOOR UNITS

## CEILING DUCETD UNITS



wired 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](http://www.eurovent-certification.com)

UU18WR

UU24WR



				CM18R N10	CM24R N10
Capacity	Cooling / Heating	Nom	kW	5.0 / 6.0	6.80 / 7.50
Power Input		Nom	kW	1.46	2.03
Running Current		Nom	A	6.50	9.00
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
SEER / SCOP				6.30 / 4.15	6.81 / 4.01
Seasonal Energy Label		(A++ to E Scale)		A++ / A+	A++ / A+
Annual Energy Consumption				278 / 1,383	350 / 1,890
Air Flow Rate		H / M / L	m <sup>3</sup> /min	16.5 / 14.5 / 13.0	18.0 / 16.5 / 14.5
Sound Pressure		H / M / L	dB(A)	34 / 32 / 30	35 / 34 / 32
Sound Power			dB(A)	59	60
Dehumidification Rate			l/h	1.5	2.5
Dimension		W x H x D	mm	900 x 270 x 700	900 x 270 x 700
Net weight			kg	26.5	26.5
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas		mm (inch)	Ø12.7 (1/2)	Ø12.7 (1/2)
External Static Pressure		Min-Max	mmAq (Pa)	2-15 (20-147)	2-15 (20-147)
List Price			£	£482.00	£542.00

Model			UU18WR U20	UU24WR U40
Power Supply		V, Ø, Hz	220-240, 1, 50	220-240, 1, 50
Power Factor	Rated	-	0.98	0.98
Power Supply Cable (included Earth)		No. x mm <sup>2</sup>	3C x 2.5	3C x 2.5
Casing Color		-	Warm Gray	Warm Gray
Dimensions	W x H x D	mm	870 x 650 x 330	950 x 834 x 330
Weight		kg	44.8	56.1
Compressor	Type	-	Twin Rotary	Twin Rotary
	Type	-	R32	R32
Refrigerant	GVWP (Global Warming Potential)		675	675
	Precharged Amount	g	1,100	1,600
	t-CO <sub>2</sub> eq		0.743	1.080
	Control	-		
Heat Exchanger	Chargeless-Pipe Length	m	7.5	7.5
	Additional Charging Volume	g/m	20	35
Fan	(Row x Column x FPI) x No		(2 x 28 x 14) x 1	(2 x 38 x 14) x 1
	Type	-	Axial	Axial
Fan Motor	Air Flow Rate	m <sup>3</sup> /min x No	50 x 1	58 x 1
	Type	-	BLDC	BLDC
Sound Pressure Level	Output	W x No.	85.4 x 1	124 x 1
	Cooling	dB(A)	47	48
Sound Power Level	Heating	dB(A)	52	52
	Cooling	dB(A)	63	67
Piping Connections	Heating	dB(A)	-	-
	Liquid	mm (inch)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
Piping Length	Gas	mm (inch)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
	Min-Max	m	5.0 - 30	5.0 - 50
Maximum Height Difference (ODU - IDU) Max.		m	30	30
Maximum Running Current		A	16.2	21.5
Maximum Circuit Breaker		A	20	25
List Price		£	£894.00	£1,073.00

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)