



CEILING DUCETD UNITS

wired controller supplied as standard



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UU09W
UU12W



UU18WR



UU24WR



Duct (Low Static)

				CL09R N20	CL12R N20	CL18R N20	CL24R N30
Capacity	Cooling / Heating	Nom	kW	2.50 / 3.20	3.4 / 4.00	5.0 / 6.0	7.10 / 7.5
Power Input		Nom	kW	0.64	0.99	1.52	2.15
Running Current		Nom	A	2.80	4.20	6.80	9.50
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
SEER / SCOP				6.28 / 4.00	6.28 / 4.00	6.30 / 3.95	6.60 / 4.20
Seasonal Energy Label	(A++ to E Scale)			A++ / A+	A++ / A+	A++ / A	A++ / A+
Annual Energy Consumption				139 / 1,050	189 / 1,050	278 / 1,453	377 / 1,798
Air Flow Rate	H / M / L	m ³ /min		10.0 / 8.5 / 7.0	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	H / M / L	dB(A)		31 / 28 / 27	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power		dB(A)		55	55	54	58
Dehumidification Rate		l/h		0.55	1.11	1.58	2.65
Dimension	W x H x D	mm		900 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net weight		kg		24.0	24.0	24.0	27.0
Piping Connection	Liquid	mm (inch)		Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)
	Gas	mm (inch)		Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø12.7 (1/2)
External Static Pressure	Min-Max	mmAq (Pa)		0-5 (0-50)	0-5 (0-50)	0-5 (0-50)	0-5 (0-50)
List Price		£		£321.00	£342.00	£373.00	£434.00

Model			UU09WR ULO	UU12WR ULO	UU18WR U20	UU24WR U40
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 mm ²		3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Casing Color		-	Warm Gray	Warm Gray	Warm Gray	Warm Gray
Dimensions	W x H x D	mm	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330	950 x 834 x 330
Weight		kg	33.8	33.8	44.8	56.1
Compressor	Type	-	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
		-	R32	R32	R32	R32
Refrigerant	GVPP (Global Warming Potential)		675	675	675	675
	Precharged amount	g	900	900	1,100	1,600
	t-CO ₂ eq		0.608	0.608	0.743	1.080
	Control	-	Electronic Expansion Valve			
Heat Exchanger	Chargeless-Pipe	m	7.5	7.5	7.5	7.5
	Additional charging	g/m	20	20	20	35
	(Row x Column x PI) x No.		(2 x 24 x 14) x 1	(2 x 24 x 14) x 1	(2 x 28 x 14) x 1	(2 x 38 x 14) x 1
Fan	Type	-	Axial	Axial	Axial	Axial
	Air Flow Rate	m ³ /min x No	28 x 1	28 x 1	50 x 1	58 x 1
Fan Motor	Type	-	BLDC	BLDC	BLDC	BLDC
	Output	W x No.	43.0 x 1	43.0 x 1	85.4 x 1	124 x 1
Sound Pressure Level	Cooling	dB(A)	47	47	47	48
	Heating	dB(A)	50	52	52	52
Sound Power Level	Cooling	dB(A)	65	65	63	67
	Heating	dB(A)	-	-	-	-
Piping Connections	Liquid	mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Piping Length	Min-Max	m	5.0 - 20	5.0 - 20	5.0 - 30	5.0 - 50
Maximum Height Difference (ODU - IDU) Max.		m	15	15	30	30
Maximum Running Current		A	11.9	11.9	16.2	21.5
Maximum Circuit Breaker		A	15	15	20	25
List Price		£	£697.00	£720.00	£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)