

COMMERCIAL SINGLE SPLIT INDOOR UNITS

CEILING MOUNTED UNITS 570X570



wired controller supplied as standard



independent vane operation feature
high ceiling mode



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

UU09W
UU12W



UU18W



UU24WR



4-Way Cassette

				CT09R NR0	CT12R NR0	CT18R NQ0	CT24R NP0
Capacity	Cooling / Heating	Nom	kW	2.5 / 3.20	3.4 / 4.0	5.0 / 5.8	6.8 / 7.8
Power Input		Nom	kW	0.63	0.97	1.56	1.94
Running Current		Nom	A	2.70	4.30	7.10	8.60
Power Supply		Ø / V / Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
SEER / SCOP				6.77 / 4.36	6.58 / 4.40	6.25 / 4.25	7.70 / 4.60
Seasonal Energy Label	(A++ to E Scale)			A++ / A+	A++ / A+	A++ / A+	A++ / A++
Annual Energy Consumption				129 / 963	181 / 955	280 / 1,351	309 / 1,765
Air Flow Rate	H / M / L	m ³ /min		8.5 / 7.0 / 6.0	9.5 / 8.0 / 7.0	13.0 / 12.0 / 11.0	17.0 / 15.0 / 13.0
Sound Pressure	H / M / L	dB(A)		36 / 33 / 30	38 / 35 / 32	41 / 39 / 36	38 / 36 / 34
Sound Power		dB(A)		52	52	57	57
Dehumidification Rate		l/h		0.9	1.4	2.0	2.7
Dimension	W x H x D	mm		570 x 214 x 570	570 x 214 x 570	570 x 256 x 570	840 x 204 x 840
Net weight		kg		14.0	14.0	14.3	20.5
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)
Indoor unit price		£		£361.00	£372.00	£431.00	£492.00

Decoration Panel	Model			PT-QCHW0	PT-MCHW0
	Color			Morning Fog (RAL 120-4)	
	Dimensions	W x H x D	mm	620 x 20 x 620	950 x 35 x 950
	Weight		kg	3.0	6.3
List Price		£		£120.00	£130.00

Model				UU09WR UL0	UU12WR UL0	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	Net	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	Net		kg	33.8	33.8	44.8	56.1
Compressor	Type	-		Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Refrigerant	Type	-		R32	R32	R32	R32
	GWP (Global Warming Potential)	-		675	675	675	675
	Precharged Amount	g		900	900	1,100	1,600
	t-CO ₂ eq.	-		0.61	0.61	0.74	1.08
	Control	-		Electronic Expansion Valve			
	Chargeless-Pipe Length	m		7.5	7.5	7.5	7.5
	Additional Charging Volume	g/m		20	20	20	35
Heat Exchanger	(Row x Column x FPI) 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	Rated	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	Rated	dB(A)	47	49	47	48
	Heating	Rated	dB(A)	50	52	52	52
Sound Power Level	Cooling	Rated	dB(A)	65	65	63	67
	Heating	Rated	dB(A)	-	-	-	-
Piping Connections	Liquid	Outer Dia.	mm (inch)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 9.52 (3/8)
	Gas	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Piping Length	Rated	m		5.0	5.0	5.0	5.0
	Max.	m		20	20	30	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
Outdoor unit price		£		£725.00	£749.00	£930.00	£1,116.00
System Price (includes grille)		£		£1,206.00	£1,241.00	£1,481.00	£1,738.00

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)