

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

				PT-QCHW0	PT-MCHW0
Decoration Panel	Model			Morning Fog (RAL 120-4)	
	Color				
	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)

COMMERCIAL SINGLE SPLIT INDOOR UNITS

CEILING MOUNTED UNITS



wired controller supplied as standard



- independent vane operation feature
- high ceiling mode
- optional accessory - human detect sensor



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

UU36W
UU42W
UU48W
UU60W



4-Way Cassette

				UT36R.NM0	UT42R.NM0	UT48R.NM0	UT60R.NM0
Capacity	Cooling / Heating	Nom	kW	9.5 / 10.8	12.0 / 13.5	13.4 / 15.5	14.6 / 16.9
Power Input		Nom	kW	2.47	3.5	4.35	5.38
Running Current		Nom	A	10.7	15.2	18.9	23.4
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
SEER / SCOP				5.62 / 4.04	6.10 / 4.10	5.87 / 4.04	5.57 / 3.92
Seasonal Energy Label (A++ to E Scale)				A++ / A+	A++ / A+	-	-
Annual Energy Consumption				512 / 2,605	680 / 2,732	809 / 3,255	929 / 3,338
Air Flow Rate		H / M / L	m ³ /min	30 / 25 / 20	33 / 28 / 22	33 / 28 / 22	33 / 28 / 22
Sound Pressure		H / M / L	dB(A)	46 / 43 / 40	47 / 44 / 41	47 / 44 / 41	47 / 44 / 41
Sound Power			dB(A)	62	64	64	66
Dehumidification Rate			l/h	2.7	4.2	4.2	4.2
Dimension		W x H x D	mm	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840	840 x 288 x 840
Net weight			kg	24.6	24.6	24.6	24.6
Piping Connection	Liquid		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
Indoor unit price				£620.00	£678.00	£884.00	£1,029.00
Decoration Panel	Model	PT-MCHW0					
	Color	Morning Fog (RAL 120-4)					
	Dimensions	W x H x D	mm	950 x 35 x 950			
	Weight		kg	6.3			
List Price				£130.00			

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 mm ²		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
Refrigerant	Type			R32	R32	R32	R32
	GWP (Global Warming Potential)			675	675	675	675
	Precharged Amount		g	3,000	3,000	3,000	3,000
	t-CO ₂ eq.			2.03	2.03	2.03	2.03
	Control						
	Chargeless-Pipe Length		m	7.5	7.5	7.5	7.5
	Additional Charging Volume		g/m	40	40	40	40
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
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		Rated	m	5	5	5	5
		Max.	m	85	85	85	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	40.0	40.0	40.0	40.0
Outdoor unit price				£1,515.00	£1,631.00	£1,829.00	£2,091.00
System Price (includes grille)				£2,265.00	£2,439.00	£2,843.00	£3,250.00

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)