

CEILING CONCEALED DUCT

STANDARD INVERTER

LOW STATIC PRESSURE



LG participates in the ECP programme for EUROVENT AC program.
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UU09W
UU12W

UU18W

UU24W

INDOOR				CB09L N12	CB12L N22	CB18L N22	CB24L N32
Capacity	Cooling	Min / Nom / Max	kW	1.1 / 2.5 / 3.2	1.4 / 3.4 / 3.7	2.0 / 5.0 / 6.0	4.0 / 7.1 / 7.7
	Heating	Min / Nom / Max	kW	1.2 / 3.2 / 3.6	1.6 / 4.0 / 4.5	2.2 / 6.0 / 7.2	2.0 / 7.5 / 8.3
Low Temperature Capacity	Heating -7°C	Max	kW	3.5	4.4	6.7	8.2
	Cooling	Nom	kW	0.72	1.00	1.55	2.36
Power Input (Set)	Cooling	Nom	kW	0.91	1.05	1.50	2.05
	Heating	Nom	kW	0.91	1.05	1.50	2.05
Power Input (Indoor)		Min / Max (Nom ESP)	W	40 / 60	80 / 100	100 / 140	110 / 160
Running Current	Cooling / Heating	Nom	A	3.1 / 4.0	4.3 / 4.6	6.8 / 8.4	10.4 / 9.0
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
EER				3.48	3.41	3.11	3.01
COP				3.51	3.81	3.41	3.61
SEER				5.11	5.61	6.10	5.60
SCOP				3.81	3.81	3.95	3.90
Pdesign (@ -10°C)			kW	2.8	3.0	4.0	5.8
Seasonal Energy Label	Cooling / Heating			A / A	A+ / A	A++ / A	A+ / A
Annual Energy Consumption	Cooling / Heating		kWh	172 / 1,032	213 / 1,105	287 / 1,418	444 / 2,082
	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
Piping Connection	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Drain	O.D. / I.D.	mm (inch)	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0	Ø32.0 / 25.0
Air Flow Rate		High / Medium / Low	m³/min	9.0 / 7.0 / 5.5	10.0 / 8.5 / 7.0	15.0 / 12.5 / 10.0	20.0 / 16.0 / 12.0
Sound Pressure	Cooling	High / Medium / Low	dBA	30 / 26 / 23	31 / 28 / 27	36 / 34 / 31	39 / 35 / 32
Sound Power	Cooling	Max	dBA	49	52	54	58
Dehumidification Rate			l/h	1.1	1.2	1.7	2.2
Dimensions	Body	W x H x D	mm	700 x 190 x 700	900 x 190 x 700	900 x 190 x 700	1,100 x 190 x 700
Net Weight	Body		kg	17.5	23.0	23.0	27.0
Factory Set ESP			mmAq (Pa)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)	24.5 (2.5)
External Static Pressure		Min - Max	mmAq (Pa)	0-5 (0-49)	0-5 (0-49)	0-5 (0-49)	0-5 (0-49)

OUTDOOR				UU09W ULD	UU12W ULD	UU18W UE4	UU24W U44
Compressor	Type			Rotary	Rotary	Twin Rotary	Twin Rotary
Airflow Rate	Nom		m³/min	32	32	50	58
Sound Pressure	Cooling	Nom	dBA	47	47	47	48
	Heating	Nom	dBA	48	48	52	52
Sound Power	Cooling	Max	dBA	56	57	63	67
Dimensions	W x H x D		mm	770 x 540 x 245	770 x 540 x 245	870 x 655 x 320	950 x 834 x 330
Net Weight			kg	32.0	32.0	44.8	56.1
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Charge		g	1,000	1,000	1,300	2,000
	Additional Charge		g/m	20	20	20	40
	GWP		-	2,087.5	2,087.5	2,087.5	2,087.5
	TCO2eq		-	2.1	2.1	2.7	4.2
Operation Range (Outdoor)	Cooling	Min - Max	°C DB	-10 - 43	-10 - 43	-15 - 48	-15 - 48
	Heating	Min - Max	°C WB	-18 - 18	-18 - 18	-18 - 18	-18 - 18
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			No.xmm²	3C x 2.5	3C x 2.5	3C x 2.5	3C x 2.5
Transmission Cable			No.xmm²	4C x 0.75	4C x 0.75	4C x 0.75	4C x 0.75
Maximum Running Current			A	4.9	7.3	16.6	22.7
Maximum Circuit Breaker Rating			A	15	15	20	25
Piping Length Total		Min - Max	m	5-15	5-15	5-30	5-50
Piping Elevation Difference	IDU - ODU	Max	m	10	10	30	30
Piping Connection	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
INDOOR UNIT LIST PRICE			£	£305.00	£325.00	£355.00	£413.00
OUTDOOR UNIT LIST PRICE			£	£663.00	£685.00	£851.00	£1,021.00
TOTAL SYSTEM PRICE			£	£968.00	£1,010.00	£1,206.00	£1,434.00

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 (R410A)