

ARTCOOL MIRROR



LG participates in the ECP programme for EUROVENT AC program.
Check ongoing validity of certification
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Smart ThinQ

Embedded
Wi-FiSmart
DiagnosisActive
Energy
ControlEnergy
DisplayDual
Protection
FilterAuto
Cleaning

Jet Cool

4 Way
SwingFast
Heating

Gold Fin™

Comfort
AirLow Noise
19dB
(9k, 12k)Silence
ModeQuick
& Easy
Installation

• Single Combination

Unit				9K	12K	18K	24K
Indoor				AC09BQ.NSJ	AC12BQ.NSJ	AC18BQ.NSK	AC24BQ.NSK
Capacity	Cooling	Min/Rated/Max	W	890 / 2500 / 3700	890 / 3500 / 4040	900 / 5000 / 5500	900 / 6600 / 7420
	Heating +7°C	Min/Rated/Max	W	890 / 3300 / 4100	890 / 4000 / 5100	900 / 5800 / 6400	900 / 7500 / 8640
	Heating -7°C	Rated	W	2600	3000	4200	4850
Power Input	Cooling	Rated	W	656	1080	1562	2164
	Heating +7°C	Rated	W	800	1050	1611	2238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.0	6.6	7.0	6.9
P design C			kW	2.5	3.5	5.0	6.6
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P.				4.0	4.0	4.3	4.2
P design H			kW	2.5	2.5	3.9	5.0
Energy Label	Cooling (A++ to E Scale)			A++	A++	A++	A++
	Heating (A++ to E Scale)			A+	A+	A+	A+
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating		kWh	875	875	1270	1628
Sound Pressure	Cooling	S / L / M / H	dBA	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dBA	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling	H	dBA	59	59	60	65
		S / L / M / H	m³/min	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max (Power)	m³/min	12.5	12.5	15.5	20.0
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
				1.1	1.3	1.8	2.5
Running Current	Cooling	Rated	A	3.3	4.7	6.9	9.8
		Max	A	6.0	6.0	9.0	14.0
	Heating	Rated	A	4.0	4.7	7.1	10.4
		Max	A	7.0	7.0	9.5	14.0
Starting Current	Cooling/Heating	Rated	A	3.3 / 4.0	4.7 / 4.7	6.9 / 7.1	9.8 / 10.4
Power Supply		Ø/V/Hz		1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20	25
Power Supply Cable		N x mm²		3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable		N x mm²		4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
				(Including Earth)	(Including Earth)	(Including Earth)	(Including Earth)
Dimension		mm		837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Net Weight		kg		9.9	9.9	12.8	13.6
Fan Motor Output		W		30	30	30	60
List Price	Indoor Unit	£		£357.00	£431.00	£592.00	
Outdoor				AC09BQ.UA3	AC12BQ.UA3	AC18BQ.UL2	AC24BQ.UL2
Operation Range	Cooling	Min/Max	°CDB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min/Max	°CDB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling	High	dBA	48	48	53	53
	Heating	High	dBA	50	50	55	54
Sound Power	Cooling	High	dBA	65	65	65	70
	Heating	High	dBA	65	65	65	70
Air Flow Rate	Cooling	High	m³/min	27	27	35	50
	Heating	High	m³/min	27	27	35	50
Piping	Length (Odu/Idu)	Min/Max	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (Odu/Idu)	Max	m	7	7	10	15
Piping Connection	Liquid	OD(Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	OD(Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	Drain	OD(Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)	21.5 (0.85)	21.5 (0.85)
	Type			R32	R32	R32	R32
Refrigerant	Charge at 7.5m		g	700	700	1000	1100
	t-CO ₂ eq			0.47	0.47	0.68	0.74
	Additional charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output		W		43	43	43	85
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Net Weight		kg		25.1	25.1	34.4	46.0
Dimension		mm		717 x 483 x 230	717 x 483 x 230	770 x 545 x 288	870 x 650 x 330
List Price	Outdoor Unit	£		£374.00	£425.00	£584.00	
List Price	System Price	£		£731.00	£856.00	£1,176.00	

* This product contains Fluorinated greenhouse gases (R32).

** S : Sleep / L : Low / M : Medium / H : High