

ARTCOOL MIRROR



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



Embedded Wi-Fi



Smart Diagnosis



Active Energy Control



Energy Display



Plasmaster Ionizer^{PLUS}



Plasmaster Auto Cleaning



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB (9k, 12k)



Silent Mode



Quick & Easy Installation

• Single Combination

UNIT				9K	12K	18K
INDOOR				AC09BQ NSJ	AC12BQ NSJ	AC18BQ NSK
Capacity	Cooling	Min / Rated / Max	W	890 / 2,500 / 3,700	890 / 3,500 / 4,040	900 / 5,000 / 5,500
	Heating	Min / Rated / Max	W	890 / 3,300 / 4,100	890 / 4,000 / 5,100	900 / 5,800 / 6,400
	Heating -7°C	Rated	W	2,600	3,000	4,200
Power Input	Cooling	Rated	W	656	1,080	1,562
	Heating	Rated	W	800	1,050	1,611
EER			W / W	3.81	3.24	3.20
S.E.E.R.				7.0	6.6	7.0
P design C			kW	2.5	3.5	5.0
COP			W / W	4.13	3.81	3.60
S.C.O.P. (Average / Warmer)				4.0 / 4.9	4.0 / 4.9	4.3 / 5.3
P design H (Average / Warmer)			kW	2.5 / 1.3	2.5 / 1.3	3.9 / 2.1
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++
	Heating (Average / Warmer)			A+ / A++	A+ / A++	A+ / A+++
Annual Energy Consumption	Cooling		kWh	125	186	250
	Heating (Average / Warmer)		kWh	875 / 371	875 / 371	1270 / 555
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44
Sound Power	Cooling	Power	dB(A)	59	59	60
		S / L / M / H	m³ / min	30 / 42 / 75 / 100	30 / 42 / 75 / 100	80 / 105 / 130 / 145
Air Flow Rate	Cooling	Max (Power)	m³ / min	12.5	12.5	15.5
	Heating	L / M / H	m³ / min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0
Dehumidification Rate			l/h	1.1	1.3	1.8
		Rated	A	3.3	4.7	6.9
Running Current	Cooling	Max	A	6.0	6.0	9.0
		Rated	A	4.0	4.7	7.1
	Heating	Max	A	7.0	7.0	9.5
Starting Current	Cooling / Heating	Rated	A	3.3 / 4.0	4.7 / 4.7	6.9 / 7.1
Power Supply			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Circuit Breaker			A	15	15	20
Power Supply Cable			N x mm²	3 x 1.0	3 x 1.0	3 x 1.5
				4 x 1.0	4 x 1.0	4 x 1.0
Power & Transmission Cable			N x mm²	(Including Earth)	(Including Earth)	(Including Earth)
				837 x 308 x 192	837 x 308 x 192	998 x 345 x 212
Dimension			mm			
Net Weight			kg	9.9	9.9	12.8
Fan Motor Output			W	30	30	30
OUTDOOR				AC09BQ UA3	AC12BQ UA3	AC18BQ UL2
Operation Range	Cooling	Min / Max	°CDB	-10 / 48	-10 / 48	-15 / 48
	Heating	Min / Max	°CDB	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling	High	dB(A)	48	48	53
	Heating	High	dB(A)	50	50	55
Sound Power	Cooling	High	dB(A)	65	65	65
		High	m³ / min	27	27	35
Piping	Length (Odu / Idu)	Min / Max	m	3 / 15	3 / 15	3 / 20
	Elevation (Odu / Idu)	Max	m	7	7	10
Piping Connection	Liquid	OD (Outside)	mm (inch)	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)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (0.85)	21.5 (0.85)	21.5 (0.85)
	Type			R32	R32	R32
Refrigerant			kg	0.700	0.700	1.000
	Charge at 7.5m		t-CO ₂ eq	0.473	0.473	0.675
	Additional charge		g/m	20	20	20
Fan Motor Output			W	43	43	43
	GWP			675	675	675
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	26.0	26.0	35.2
Dimension			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288

※ This product contains Fluorinated greenhouse gases (R32).

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

※ GWP : Global warming potential

※ t-CO₂eq : F-gas(kg)*GWP/1000

※ Specification, design and feature are subject to change without prior notice.