

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

INDOOR				AC09B* NSJ	AC12B* NSJ	AC18B* NSK	AC24B* NSK
Capacity	Cooling	Min / Rated / Max	W	890 / 2,500 / 3,700	890 / 3,500 / 4,040	900 / 5,000 / 5,500	900 / 6,600 / 7,420
	Heating	Min / Rated / Max	W	890 / 3,300 / 4,100	890 / 4,000 / 5,100	900 / 5,800 / 6,400	900 / 7,500 / 8,640
Power Input	Cooling	Rated	W	2,600	3,000	4,200	6,000
	Heating	Rated	W	656	1,080	1,562	2,164
EER	Cooling	Rated	W	800	1,050	1,611	2,238
	Heating	Rated	W	3.81	3.24	3.20	3.05
S.E.E.R.			W / W	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. (Average / Warmer)				4.0 / 4.9	4.0 / 4.9	4.3 / 5.3	4.3 / 5.3
P design H (Average / Warmer)			kW	2.5 / 1.3	2.5 / 1.3	3.9 / 2.1	5.0 / 2.7
Energy Label	Cooling			A++	A++	A++	A++
(A+++ to D Scale)	Heating	(Average / Warmer)		A+ / A++	A+ / A++	A+ / A++	A+ / A++
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating	(Average / Warmer)	kWh	875 / 371	875 / 371	1270 / 555	1628 / 713
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 35 / 41	19 / 27 / 35 / 41	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 35 / 41	27 / 35 / 41	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	59	59	60	65
Air Flow Rate	Cooling	S / L / M / H	m³ / min	30 / 42 / 75 / 100	30 / 42 / 75 / 100	80 / 105 / 130 / 145	80 / 105 / 131 / 161
	Heating	Max (Power)	m³ / min	12.5	12.5	15.5	20.0
Dehumidification Rate		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
			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Rated	A	3.3	4.7	6.9	9.8
	Heating	Max	A	6.0	6.0	9.0	14.0
Starting Current	Cooling	Rated	A	4.0	4.7	7.1	10.4
	Heating	Max	A	7.0	7.0	9.5	14.0
Power Supply	Cooling / Heating	Rated	A	3.3 / 4.0	4.7 / 4.7	6.9 / 7.1	9.8 / 10.4
Circuit Breaker			Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
Power Supply Cable			A	15	15	20	25
Power & Transmission Cable			N x mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
				4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Dimension			N x mm²	(Including Earth)	(Including Earth)	(Including Earth)	(Including Earth)
Net Weight			mm	837 x 308 x 192	837 x 308 x 192	998 x 345 x 212	998 x 345 x 212
Fan Motor Output			kg	9.9	9.9	12.8	13.5
			W	30	30	30	60

OUTDOOR				AC09B* UA3	AC12B* UA3	AC18B* UL2	AC24B* U24
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	dB(A)	48	48	53	54
	Heating	High	dB(A)	50	50	55	57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	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)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)	Ø 6.35 (1/4)
	Gas	OD (Outside)	mm (inch)	Ø 9.52 (3/8)	Ø 9.52 (3/8)	Ø 12.7 (1/2)	Ø 15.88 (5/8)
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type		kg	R32	R32	R32	R32
	Charge at 7.5m		t-CO ₂ eq	0.700	0.700	1.000	1.100
Fan Motor Output	Additional charge		g/m	0.473	0.473	0.675	0.743
	GWP			20	20	20	20
Compressor Type				675	675	675	675
Net Weight			W	43	43	43	85
Dimension				Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
			kg	26.0	26.0	35.2	46.4
			mm	717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330

These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO₂eq : F-gas(kg)*GWP/1000)
S : Sleep / L : Low / M : Medium / H : High
Specification, design and feature are subject to change without prior notice.