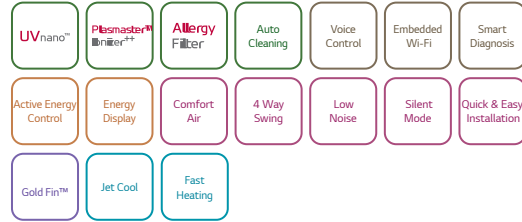


# ARTCOOL MIRROR



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : [www.eurovent-certification.com](http://www.eurovent-certification.com)

## Single Combination

UNIT				9K	12K	18K	24K
INDOOR				AC09BK NSJ	AC12BK NSJ	AC18BK NSK	AC24BK NSK
Capacity	Cooling	Min. / Rated / Max.	kW	0.89 / 2.50 / 3.70	0.89 / 3.50 / 4.04	0.90 / 5.00 / 5.50	0.90 / 6.60 / 7.42
	Heating	Min. / Rated / Max.	kW	0.89 / 3.30 / 4.10	0.89 / 4.00 / 5.10	0.90 / 5.80 / 6.40	0.90 / 7.50 / 8.64
Power Input	Heating -7°C	Rated	kW	2.60	3.00	4.20	6.00
	Cooling / Heating	Rated	W	656 / 800	1,080 / 1,050	1,562 / 1,611	2,164 / 2,238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				7.00	6.60	7.00	6.90
P design C			kW	2.50	3.50	5.00	6.60
COP			W/W	4.13	3.81	3.60	3.35
S.C.O.P		(Average / Warmer)		4.00 / 4.90	4.00 / 4.90	4.30 / 5.30	4.30 / 5.30
P design H (Average / Warmer)			kW	2.50 / 1.30	2.50 / 1.30	3.90 / 2.10	5.00 / 2.70
Energy Label (A+++ to D Scale)	Cooling			A++	A++	A++	A++
	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	1,270 / 555	1,628 / 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		dB(A)	59	59	60	65
	Heating						
Air Flow Rate	Cooling	S / L / M / H / Max. (Power)	m <sup>3</sup> /min	3.0 / 4.2 / 7.5 / 10.0 / 12.5	3.0 / 4.2 / 7.5 / 10.0 / 12.5	8.0 / 10.5 / 13.0 / 14.5 / 15.5	8.0 / 10.5 / 13.1 / 16.1 / 18.3
	Heating	L / M / H	m <sup>3</sup> /min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Min. / Rated / Max.	A	1.10 / 3.30 / 6.00	1.10 / 4.70 / 6.00	1.20 / 6.90 / 9.00	1.20 / 9.80 / 14.00
	Heating	Min. / Rated / Max.	A	1.10 / 4.00 / 7.00	1.10 / 4.70 / 7.00	1.20 / 7.10 / 9.50	1.20 / 10.00 / 14.00
Starting Current	Cooling / Heating	Rated	A	3.30 / 4.00	4.70 / 4.70	6.90 / 7.10	9.80 / 10.00
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 mm <sup>2</sup>	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable (Including Earth)			N x mm <sup>2</sup>	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
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	13.5
Fan Motor Output			W	30	30	30	58
OUTDOOR				AC09BK UA3	AC12BK UA3	AC18BK UL2	AC24BK U24
Operation Range	Cooling	Min. / Max.	°C DB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min. / Max.	°C DB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling / Heating	High	dB(A)	48 / 50	48 / 50	53 / 55	54 / 57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate		High	m <sup>3</sup> /min	27	27	35	49
Piping	Liquid (ODU / IDU)	Min. / Max.	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (ODU / IDU)	Min. / 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 Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)	21.5 (27/32)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
			t-CO <sub>2</sub> eq	0.473	0.473	0.675	0.743
	Additional Charge		g/m	20	20	20	20
	GWP			675	675	675	675
Fan Motor Output			W	43	43	43	85
Compressor Type				Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
Net Weight			kg	26.0	26.0	35.2	46.4
Dimension			mm	717 X 495 X 230	717 X 495 X 230	770 X 545 X 288	870 X 650 X 330
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	Y	Y

This product contains Fluorinated greenhouse gases (R32).  
 S : Sleep / L : Low / M : Medium / H : High  
 GWP : Global warming potential  
 t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000  
 Specification, design and feature are subject to change without prior notice.