

ARTCOOL GALLERY

Dual Inverter
COMPRESSOR

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

Embedded
Wi-FiAuto
Cleaning

Jet Cool

3 Way
SwingFast
Heating

Gold Fin™

• Single Combination

UNIT				9K		12K	
INDOOR				A09FT NSF		A12FT NSF	
Capacity	Cooling	Min / Rated / Max	W	890 / 2500 / 3700		890 / 3500 / 4040	
	Heating	Min / Rated / Max	W	890 / 3300 / 4100		890 / 4000 / 5100	
	Heating -7°C	Rated	W	3200		3500	
Power Input	Cooling	Rated	W	658		1050	
	Heating	Rated	W	831		1108	
EER			W / W	3.8		3.33	
S.E.E.R.				6.8		6.6	
P design C			kW	2.5		3.5	
COP			W / W	3.97		3.61	
S.C.O.P. (Average / Warmer)				4.0 / 4.6		4.0 / 4.6	
P design H (Average / Warmer)			kW	2.7 / 1.5		2.7 / 1.5	
Energy Label (A+++ to D Scale)	Cooling			A++		A++	
	Heating (Average / Warmer)			A+ / A++		A+ / A++	
Annual Energy Consumption	Cooling		kWh	129		186	
	Heating (Average / Warmer)		kWh	945 / 457		945 / 457	
Sound Pressure	Cooling	S / L / M / H	dBA	27 / 35 / 39 / 45		27 / 35 / 39 / 45	
	Heating	L / M / H	dBA	35 / 39 / 45		35 / 39 / 45	
Sound Power	Cooling	Power	dBA	60		60	
	Air Flow Rate	S / L / M / H	m ³ / min	- / 6.0 / 7.6 / 9.0		- / 6.0 / 7.6 / 9.0	
Dehumidification Rate	Cooling	Max (Power)	m ³ / min	10.0		10.0	
	Heating	L / M / H	m ³ / min	6.1 / 7.8 / 9.3		6.1 / 7.8 / 9.3	
Running Current	Cooling	Rated	A	3.2		4.9	
		Max	A	6.0		6.0	
	Heating	Rated	A	4.1		5.1	
		Max	A	7.0		7.0	
Starting Current	Cooling / Heating	Rated	A	3.2 / 4.1		4.9 / 5.1	
Power Supply			Ø / V / Hz	1 / 220 - 240 / 50		1 / 220 - 240 / 50	
Circuit Breaker			A	15		15	
Power Supply Cable			N x mm ²	3 x 1.0		3 x 1.0	
Power & Transmission Cable			N x mm ²	4 x 1.0 (Including Earth)		4 x 1.0 (Including Earth)	
Dimension			mm	600 x 600 x 146		600 x 600 x 146	
Net Weight			kg	14.4		14.4	
Fan Motor Output			W	16.7		16.7	
OUTDOOR				A09FT UL2		A12FT UL2	
Operation Range	Cooling	Min / Max	°CDB	-10 / 48		-10 / 48	
	Heating	Min / Max	°CDB	-10 / 24		-10 / 24	
Sound Pressure	Cooling	High	dBA	51		51	
	Heating	High	dBA	51		51	
Sound Power	Cooling	High	dBA	65		65	
	Air Flow Rate	High	m ³ / min	35		35	
Piping	Length (Odu / ldu)	Min / Max	m	3 / 20		3 / 20	
	Elevation (Odu / ldu)	Max	m	10		10	
Piping Connection	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)		6.35 (1/4)	
	Gas	OD (Outside)	mm (inch)	9.52 (3/8)		9.52 (3/8)	
Drain Hose Size		OD (Outside)	mm (inch)	21.5 (27/32)		21.5 (27/32)	
Refrigerant	Type			R32		R32	
	Charge at 7.5m		kg	0.800		0.800	
	Additional charge		t-CO ₂ eq	0.540		0.540	
	GWP		g/m	20		20	
Fan Motor Output			W	43		43	
Compressor Type				Twin Rotary		Twin Rotary	
Net Weight			kg	34.4		34.4	
Dimension			mm	770 x 545 x 288		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.