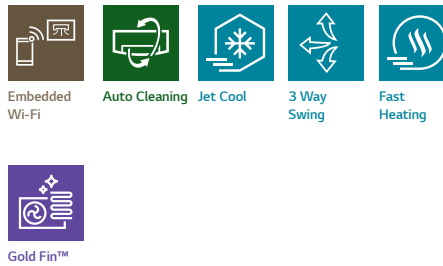


# ARTCOOL GALLERY

**NEW**


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



## • Single Combination

INDOOR				A09F* NSF		A12F* NSF	
Capacity	Cooling	Min / Rated / Max	W	890 / 2,500 / 3,700		890 / 3,500 / 4,040	
	Heating	Min / Rated / Max	W	890 / 3,300 / 4,100		890 / 4,000 / 5,100	
	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	dB(A)	27 / 35 / 39 / 45		27 / 35 / 39 / 45	
	Heating	L / M / H	dB(A)	35 / 39 / 45		35 / 39 / 45	
Sound Power	Cooling	Power	dB(A)	60		60	
		S / L / M / H	m <sup>3</sup> / min	- / 6.0 / 7.6 / 9.0		- / 6.0 / 7.6 / 9.0	
Air Flow Rate	Max (Power)		m <sup>3</sup> / min	10.0		10.0	
	Heating	L / M / H	m <sup>3</sup> / min	6.1 / 7.8 / 9.3		6.1 / 7.8 / 9.3	
Dehumidification Rate			l/h	1.1		1.3	
		Rated	A	3.2		4.9	
Running Current	Cooling	Max	A	6.0		6.0	
		Rated	A	4.1		5.1	
	Heating	Max	A	7.0		7.0	
		Rated	A	3.2 / 4.1		4.9 / 5.1	
Starting Current	Cooling / Heating	Rated	A	3.2 / 4.1		4.9 / 5.1	
Power Supply			∅, V, Hz	1, 220-240, 50		1, 220-240, 50	
Circuit Breaker			A	15		15	
Power Supply Cable			N x mm <sup>2</sup>	3 x 1.0		3 x 1.0	
Power & Transmission Cable			N x mm <sup>2</sup>	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	
List Price - Indoor Unit Only			£	£630.00		£777.00	

OUTDOOR				A09F* UL2		A12F* UL2	
Operation Range	Cooling	Min/Max	°CDB	-10 / 48		-10 / 48	
	Heating	Min/Max	°CDB	-10 / 24		-10 / 24	
Sound Pressure	Cooling	High	dB(A)	51		51	
	Heating	High	dB(A)	51		51	
Sound Power	Cooling	High	dB(A)	65		65	
Air Flow Rate		High	m <sup>3</sup> / min	35		35	
		Min / Max	m	3 / 20		3 / 20	
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	
			t-CO <sub>2</sub> eq	0.540		0.540	
	Additional charge		g/m	20		20	
Fan Motor Output	GWP			675		675	
			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	

∩ These products contains Fluorinated greenhouse gases (R32), GWP : Global warming potential of R32 is 675 (t-CO<sub>2</sub>eq : F-gas(kg)\*GWP/1000)  
∩ S : Sleep / L : Low / M : Medium / H : High  
∩ Specification, design and feature are subject to change without prior notice.