

# DUALCOOL WITH AIR PURIFICATION



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



Embedded Wi-Fi



Active Energy Control



Energy Display



Auto Cleaning



Ultra Dust Sensing (PM 1.0)



Silence Mode



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Quick & Easy Installation

## • Single Combination

UNIT				9K		12K	
INDOOR				AP09RT NSJ		AP12RT NSJ	
Capacity	Cooling	Min / Rated / Max	W	890 / 2500 / 3700		890 / 3500 / 4000	
	Heating	Min / Rated / Max	W	890 / 3300 / 4100		890 / 4000 / 4700	
	Heating -7°C	Rated	W	2600		3000	
Power Input	Cooling	Rated	W	710		1160	
	Heating	Rated	W	850		1130	
EER			W/W	3.52		3.02	
S.E.E.R.				6.6		6.2	
P design C			kW	2.5		3.5	
COP			W/W	3.88		3.54	
S.C.O.P. (Average / Warmer)				4.0 / 5.0		4.0 / 5.0	
P design H (Average / Warmer)			kW	2.5 / 1.4		2.5 / 1.4	
Energy Label (A+++ to D Scale)	Cooling			A++		A++	
	Heating (Average / Warmer)			A+ / A++		A+ / A++	
Annual Energy Consumption	Cooling		kWh	133		198	
	Heating (Average / Warmer)		kWh	875 / 393		875 / 393	
Sound Pressure	Cooling	S / L / M / H	dB(A)	21 / 27 / 35 / 42		21 / 27 / 35 / 42	
	Heating	L / M / H	dB(A)	30 / 35 / 41		30 / 35 / 41	
Sound Power	Cooling	Power	dB(A)	59		59	
	Heating	S / L / M / H	m <sup>3</sup> /min	3.0 / 4.2 / 6.6 / 10.0		3.0 / 4.2 / 6.6 / 10.0	
Air Flow Rate	Max (Power)		m <sup>3</sup> /min	11.0		11.0	
	Heating	L / M / H	m <sup>3</sup> /min	4.2 / 6.6 / 10.0		4.2 / 6.6 / 10.0	
Dehumidification Rate			l/h	1.1		1.3	
	Cooling	Rated	A	3.5		5.2	
Running Current		Max	A	6.0		6.2	
	Heating	Rated	A	4.0		5.1	
		Max	A	7.0		7.0	
Starting Current	Cooling / Heating	Rated	A	3.5 / 4.0		5.2 / 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		4 x 1.0	
Dimension			mm	857 x 348 x 189		857 x 348 x 189	
Net Weight			kg	9.5		9.5	
Fan Motor Output			W	30		30	
OUTDOOR				AP09RT UA3		AP12RT UA3	
Operation Range	Cooling	Min / Max	°CDB	-10 / 48		-10 / 48	
	Heating	Min / Max	°CDB	-10 / 24		-10 / 24	
Sound Pressure	Cooling	High	dB(A)	48		48	
	Heating	High	dB(A)	50		50	
Sound Power	Cooling	High	dB(A)	65		65	
	Heating	High	dB(A)	27		27	
Air Flow Rate	Length (Odu/Idu)	Min / Max	m	3 / 15		3 / 15	
	Elevation (Odu/Idu)	Max	m	7		7	
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 (0.85)		21.5 (0.85)	
Refrigerant	Type			R32		R32	
	Charge at 7.5m		kg	0.700		0.700	
	Additional charge		t-CO <sub>2</sub> eq	0.473		0.473	
	GWP		g/m	20		20	
					675		675
Fan Motor Output			W	43		43	
Compressor Type				Twin Rotary		Twin Rotary	
Net Weight			kg	26		26	
Dimension			mm	717 x 495 x 230		717 x 495 x 230	

\* 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.