



**LG HVAC  
SOLUTION**

# AIR CONDITIONERS

# DELUXE



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	Smart Diagnosis	Active Energy Control	Energy Display	Plasmaster Ionizer <sup>PLUS</sup>	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

UNIT				9K	12K	18K	24K
INDOOR				DC09RQ NSJ	DC12RQ NSJ	DC18RQ NSK	DC24RQ 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 / 3,200 / 5,000	890 / 4,000 / 6,000	900 / 5,800 / 6,400	900 / 7,500 / 8,640
	Heating -7°C	Rated	W	3,200	3,500	4,200	6,000
Power Input	Cooling	Rated	W	572	933	1,562	2,164
	Heating	Rated	W	711	976	1,611	2,238
EER			W/W	4.37	3.75	3.20	3.05
S.E.E.R.				7.9	7.6	7.0	6.9
P design C			kW	2.5	3.5	5.0	6.6
COP			W/W	4.5	4.1	3.60	3.35
S.C.O.P. (Average / Warmer)				4.6 / 5.4	4.6 / 5.4	4.3 / 5.3	4.3 / 5.3
P design H (Average / Warmer)			kW	2.8 / 1.5	2.9 / 1.5	3.9 / 2.1	5.0 / 2.7
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	111	161	250	335
Sound Pressure	Cooling	S / L / M / H	dB(A)	19 / 27 / 37 / 42	19 / 27 / 37 / 42	31 / 34 / 39 / 44	31 / 34 / 42 / 47
	Heating	L / M / H	dB(A)	27 / 37 / 42	27 / 37 / 42	34 / 39 / 44	34 / 42 / 47
Sound Power	Cooling	Power	dB(A)	60	60	60	65
	Heating	S / L / M / H	m <sup>3</sup> /min	3.5 / 5.5 / 9.0 / 11.0	3.5 / 5.5 / 9.0 / 11.0	8.0 / 10.5 / 13.0 / 14.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Cooling	Max (Power)	m <sup>3</sup> /min	13.0	13.0	15.5	20.0
	Heating	L / M / H	m <sup>3</sup> /min	6.5 / 9.0 / 11.0	6.5 / 9.0 / 11.0	11.0 / 13.5 / 16.0	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
	Cooling	Rated	A	2.5	4.0	6.9	9.8
Running Current		Max	A	6.0	6.0	9.0	14.0
		Rated	A	3.2	4.3	7.1	10.4
	Heating	Max	A	7.0	7.0	9.5	14.0
Starting Current	Cooling / Heating	Rated	A	2.5 / 3.2	4.0 / 4.3	6.9 / 7.1	9.8 / 10.4
Power Supply			∅, 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			N x mm <sup>2</sup>	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
				(Including Earth)	(Including Earth)	(Including Earth)	(Including Earth)
Dimension			mm	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210	998 x 345 x 210
Net Weight			kg	9.1	9.1	11.9	12.7
Fan Motor Output			W	30	30	30	60
OUTDOOR				DC09RQ UL2	DC12RQ UL2	DC18RQ UL2	DC24RQ U24
Operation Range	Cooling	Min / Max	°CDB	-15 / 48	-15 / 48	-15 / 48	-15 / 48
	Heating	Min / Max	°CDB	-15 / 24	-15 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling	High	dB(A)	49	49	53	54
	Heating	High	dB(A)	51	51	55	57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	High	m <sup>3</sup> /min	35	35	35	50
Piping	Length (Odu/Idu)	Min / Max	m	3 / 20	3 / 20	3 / 20	3 / 30
	Elevation (Odu/Idu)	Max	m	10	10	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 (0.85)	21.5 (0.85)	21.5 (0.85)	21.5 (0.85)
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.800	0.800	1.000	1.100
	Additional charge		t-CO <sub>2</sub> eq	0.540	0.540	0.675	0.743
	GWP		g/m	20	20	20	20
Fan Motor Output			W	675	675	675	675
Compressor Type				43	43	43	85
Net Weight			kg	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimension			mm	34.1	34.1	34.4	46.0
				770 x 545 x 288	770 x 545 x 288	770 x 545 x 288	870 x 650 x 330

※ 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.