

## 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 Inverter™



Plasmaster Auto Cooling



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB (9k, 12k)



Silence Mode



Quick &amp; Easy Installation

## • Single Combination

UNIT				9K	12K	18K	24K
INDOOR				DCD9RT NSJ	DC12RT NSJ	DC18RQ NSK	DC24RQ NSK
Capacity	Cooling	Min / Rated / Max	W	890 / 2500 / 3700	890 / 3500 / 4040	900 / 5000 / 5500	900 / 6600 / 7420
	Heating	Min / Rated / Max	W	890 / 3300 / 4100	890 / 4000 / 5100	900 / 5800 / 6400	900 / 7500 / 8640
	Heating - 7°C	Rated	W	2600	3000	4200	6000
Power Input	Cooling	Rated	W	656	1080	1562	2164
	Heating	Rated	W	800	1050	1611	2238
EER			W/W	3.81	3.24	3.20	3.05
SEER				7.0	6.6	7.0	6.9
P design C			kW	2.5	3.5	5.0	6.6
COP			W/W	4.13	3.81	3.60	3.35
SCOP (Average / Warmer)				4.0 / 4.9	4.0 / 4.9	4.3 / 5.3	4.3 / 5.3
P design H (Average / Warmer)			kW	2.5 / 1.3	2.5 / 1.3	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	125	186	250	335
	Heating (Average / Warmer)		kWh	875 / 371	875 / 371	1270 / 555	1628 / 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	Power	dB(A)	59	59	60	65
	Heating	S / L / M / H	m <sup>2</sup> /min	30 / 42 / 75 / 100	30 / 42 / 75 / 100	80 / 105 / 130 / 145	80 / 105 / 131 / 161
Air Flow Rate	Max (Power)		m <sup>2</sup> /min	125	125	135	200
	L / M / H		m <sup>2</sup> /min	56 / 72 / 100	56 / 72 / 100	11.0 / 13.5 / 16.0	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
	Rated		l/h	3.3	4.7	6.9	9.8
Running Current	Cooling	Max	A	6.0	6.0	9.0	14.0
	Heating	Max	A	4.0	4.7	7.1	10.4
Starting Current	Cooling / Heating	Max	A	7.0	7.0	9.5	14.0
	Rated		A	3.3 / 4.0	4.7 / 4.7	6.9 / 7.1	9.8 / 10.4
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
				4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
Power & Transmission Cable			N x mm <sup>2</sup>	837 x 308 x 189	837 x 308 x 189	998 x 345 x 210 (including Earth)	998 x 345 x 210 (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				DCD9RT UA3	DC12RT UA3	DC18RQ UL2	DC24RQ 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	High	dB(A)	48	48	53	54
	Heating	High	dB(A)	50	50	55	57
Sound Power	Cooling	High	dB(A)	65	65	65	70
	Heating	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	High	m <sup>2</sup> /min	27	27	35	50
	Length (Odu/Udu)	Min / Max	m	3 / 15	3 / 15	3 / 20	3 / 30
Piping	Elevation (Odu/Udu)	Max	m	7	7	10	15
	Liquid	OD (Outside)	mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Piping Connection	Gas	OD (Outside)	mm (inch)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)
	OD (Outside)		mm (inch)	27 / 32	27 / 32	21.5 (0.85)	21.5 (0.85)
Drain Hose Size	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
Refrigerant	Additional charge		t-CO <sub>2</sub> eq	0.473	0.473	0.675	0.743
	GWP		q/m	20	20	20	20
Fan Motor Output			W	67.5	67.5	67.5	67.5
Compressor Type				43	43	43	85
Net Weight				Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Dimension			mm	25.1	25.1	34.4	46.0
				717 x 495 x 230	717 x 495 x 230	770 x 545 x 288	870 x 650 x 330

\* This product contains Fluorinated greenhouse gases (R32).

\*\* S : Slep / 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.