

WALL MOUNTED SPECIFICATION

# STANDARD



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

Smart Diagnosis	Active Energy Control	Energy Display	Auto Cleaning	Jet Cool	2 Way Swing (9k, 12k)	4 Way Swing (18k, 24k)	Fast Heating
Gold Fin™	Comfort Air	Low Noise 19dB (9k, 12k)	Silence Mode	Quick & Easy Installation			

## • Single Combination

UNIT				9K	12K	18K	24K
INDOOR				S09EQ.NSJ	S12EQ.NSJ	S18EQ.NSK	S24EQ.NSK
Capacity	Cooling	Min / Rated / Max	W	890 / 2500 / 3700	890 / 3500 / 4040	900/5000/5500	900 / 6600 / 7420
	Heating +7°C	Min / Rated / Max	W	890 / 3300 / 4100	890 / 4000 / 5100	900/5800/6400	900 / 7500 / 8640
	Heating -7°C	Rated	W	2600	3000	4200	4850
Power Input	Cooling	Rated	W	656	1080	1562	2164
	Heating +7°C	Rated	W	800	1050	1611	2238
EER			W/W	3.81	3.24	3.20	3.05
S.E.E.R.				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
S.C.O.P.				4.0	4.0	4.3	4.2
P design H			kW	2.5	2.5	3.9	5.0
Energy Label	Cooling (A++ to E Scale)			A++	A++	A++	A++
	Heating (A++ to E Scale)			A+	A+	A+	A+
Annual Energy Consumption	Cooling		kWh	125	186	250	335
	Heating		kWh	875	875	1270	1628
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	High	dB(A)	59	59	60	65
	Heating	S / L / M / H	m³/min	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	8.0 / 10.5 / 13.0 / 14.5	8.0 / 10.5 / 13.1 / 16.1
Air Flow Rate	Max (Power)		m³/min	12.5	12.5	15.5	20.0
	Heating	L / M / H	m³/min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	10.5 / 13.1 / 16.1
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Running Current	Cooling	Rated	A	3.3	4.7	6.9	9.8
		Max	A	6.0	6.0	9.0	14.0
	Heating	Rated	A	4.0	4.7	7.1	10.4
		Max	A	7.0	7.0	9.5	14.0
Starting Current	Cooling / Heating	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 mm²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm²	4 x 1.0	4 x 1.0	4 x 1.0	4 x 1.0
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	8.7	8.7	11.9	11.9
Fan Motor Output			W	30	30	30	60
OUTDOOR				S09EQ.UA3	S12EQ.UA3	S18EQ.U2	S24EQ.U24
Operation Range	Cooling	Min / Max	°CDB	-10 / 48	-10 / 48	-15 / 48	-15 / 48
	Heating	Min / Max	°CDB	-10 / 24	-10 / 24	-10 / 24	-10 / 24
Sound Pressure	Cooling	High	dB(A)	48	48	53	53
	Heating	High	dB(A)	50	50	55	54
Sound Power	Cooling	High	dB(A)	65	65	65	70
	Heating	High	dB(A)	65	65	65	70
Air Flow Rate	Cooling	High	m³/min	27	27	35	50
	Heating	High	m³/min	27	27	35	50
Piping	Length (Odu/Idu)	Min / Max	m	3 / 15	3 / 15	3 / 20	3 / 30
	Elevation (Odu/Idu)	Max	m	7	7	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	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		g	700	700	1000	1100
	Additional charge		t-CO <sub>2</sub> eq	0.47	0.47	0.68	0.74
	GWP		g/m	20	20	20	20
Fan Motor Output			W	43	43	43	85
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	25.1	25.1	34.4	46.0
Dimension			mm	717 x 483 x 230	717 x 483 x 230	770 x 545 x 288	870 x 650 x 330