

AIR CONDITIONERS



LG HVAC
SOLUTION

AIR CONDITIONERS

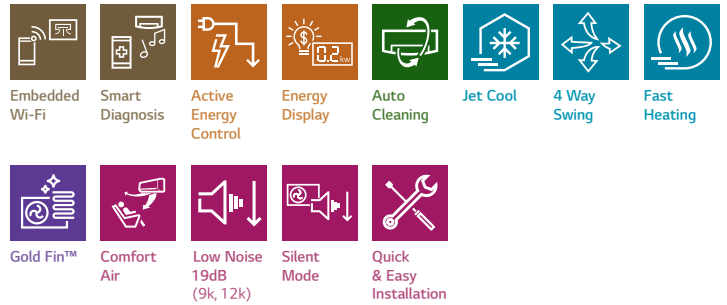




NEW



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification: www.eurovent-certification.com



• Single Combination

UNIT				9K	12K	18K	24K
INDOOR				S09EW NSJ	S12EW NSJ	S18EW NSK	S24EW 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 / 3,300 / 4,100	890 / 4,000 / 5,100	900 / 5,800 / 6,400	900 / 7,500 / 8,640
	Heating -7°C	Rated	W	2,600	3,000	4,200	6,000
Power Input	Cooling	Rated	W	656	1,080	1,562	2,164
	Heating	Rated	W	800	1,050	1,611	2,238
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. (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	Cooling			A++	A++	A++	A++
(A+++ to D Scale)	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	1,270 / 555	1,628 / 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
		S / L / M / H	m ² / min	3.0	3.0	8.0	8.0
Air Flow Rate	Cooling	Max (Power)	m ² / min	12.5	12.5	15.5	18.3
	Heating	L / M / H	m ³ / min	5.6 / 7.2 / 10.0	5.6 / 7.2 / 10.0	11.0 / 13.5 / 16.0	11.0 / 14.3 / 17.6
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
		Rated	A	3.3	4.7	6.9	9.8
Running Current	Cooling	Max	A	6.0	6.0	9.0	14.0
		Rated	A	4.0	4.7	7.1	10.0
	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 / 10.0
Starting Current	Cooling / Heating	Rated	A	3.3 / 4.0	4.7 / 4.7	6.9 / 7.1	9.8 / 10.0
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 ²	3 x 1.0	3 x 1.0	3 x 1.5	3 x 2.5
Power & Transmission Cable			N x mm ²	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	12.7
Fan Motor Output			W	30	30	30	58
OUTDOOR				S09EW UA3	S12EW UA3	S18EW UL2	S24EW 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	54
	Heating	High	dB(A)	50	50	55	57
Sound Power	Cooling	High	dB(A)	65	65	65	70
Air Flow Rate	High		m ³ / min	27	27	35	49
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 Hose Size		OD (Outside)	mm (inch)	27 / 32	27 / 32	27 / 32	27 / 32
Refrigerant	Type			R32	R32	R32	R32
	Charge at 7.5m		kg	0.700	0.700	1.000	1.100
	Additional charge		t-CO ₂ eq	0.473	0.473	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	25.1	25.1	34.4	46.0
Dimension			mm	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 : Sleep / L : Low / M : Medium / H : High
 ※ GWP : Global warming potential
 ※ t-CO₂eq : F-gas(kg)*GWP/1000
 ※ Specification, design and feature are subject to change without prior notice.