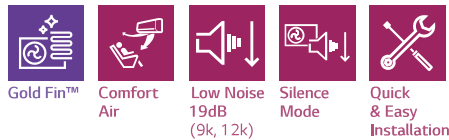


LIBERO PLUS (R32)



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
INDOOR				S09EQ.NSJ	S12EQ.NSJ	S18EQ.NSK
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040	900/5000/5500
	Heating +7°C	Min/Rated/Max	W	890/3300/4100	890/4000/5100	900/5800/6400
Power Input	Heating -7°C	Rated	W	2600	3000	4200
	Cooling	Rated	W	656	1080	1562
	Heating +7°C	Rated	W	800	1050	1611
EER			W/W	3.81	3.24	3.20
S.E.E.R.			W/W	7.0	6.6	7.0
P design C			kW	2.5	3.5	5.0
COP			W/W	4.13	3.81	3.60
S.C.O.P.				4.0	4.0	4.3
P design H			kW	2.5	2.5	3.9
Energy Label	Cooling (A++ to E Scale)			A++	A++	A++
	Heating (A++ to E Scale)			A+	A+	A+
Annual Energy Consumption	Cooling		kWh	125	186	250
	Heating		kWh	875	875	1270
Sound Pressure	Cooling	Sleep	dBA	19	19	31
		Low	dBA	27	27	34
		Medium	dBA	35	35	39
	Heating	High	dBA	41	41	44
		Low	dBA	27	27	34
		Medium	dBA	35	35	39
Sound Power	Cooling	High	dBA	41	41	44
		High	dBA	59	59	60
Air Flow Rate	Cooling	Sleep	m ³ /min	3.0	3.0	8.0
		Low	m ³ /min	4.2	4.2	10.5
		Medium	m ³ /min	7.5	7.5	13.0
	Heating	High	m ³ /min	10.0	10.0	14.5
		Max (Power)	m ³ /min	12.5	12.5	15.5
		Low	m ³ /min	5.6	5.6	11.0
Dehumidification Rate	Cooling	Medium	m ³ /min	7.2	7.2	13.5
		High	m ³ /min	10.0	10.0	16.0
Running Current	Cooling	High	l/h	1.1	1.3	1.8
		Rated	A	3.3	4.7	6.9
		Max	A	6.0	6.0	9.0
Starting Current	Heating	Rated	A	4.0	4.7	7.1
		Max	A	7.0	7.0	9.5
		Max	A	3.3	4.7	6.9
Power Supply	Heating	Rated	A	4.0	4.7	7.1
Circuit Breaker				Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable				A	15	20
Power & Transmission Cable				N x mm ²	3*1.0	3*1.5
Dimension				N x mm ²	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)
Net Weight				mm	837*308*189	837*308*189
Fan Motor Output				kg	8.7	11.9
				W	30	30
OUTDOOR				S09EQ.UA3	S12EQ.UA3	S18EQ.UL2
Operation Range	Cooling	Min-Max	°CDB	-10-48	-10-48	-15-48
		Min-Max	°CDB	-10-24	-10-24	-10-24
Sound Pressure	Cooling	High	dBA	48	48	53
		High	dBA	50	50	55
Sound Power	Cooling	High	dBA	65	65	65
		High	dBA	27	27	35
Air Flow Rate	Cooling	High	m ³ /min	27	27	35
		High	m ³ /min	3	3	3
Piping	Length (Odu/Idu)	Min	m	3	3	3
		Max	m	15	15	20
Piping Connection	Liquid	Elevation (Odu/Idu)	m	7	7	10
		OD(Outside)	mm	6.35	6.35	6.35
		inch	(1/4)	(1/4)	(1/4)	
	Gas	OD(Outside)	mm	9.52	9.52	12.7
		inch	(3/8)	(3/8)	(1/2)	
		inch	21.5	21.5	21.5	
Refrigerant	Type	OD(Outside)	mm	0.85	0.85	0.85
		inch				
		inch				
Fan Motor Output	Compressor Type	Type		R32	R32	R32
		Charge at 7.5m	g	700	700	1000
		t-CO ₂ eq		0.47	0.47	0.68
Net Weight	Additional charge	GWP		20	20	20
		GWP		675	675	675
Dimension				mm	717*483*230	717*483*230

* This product contains Fluorinated greenhouse gases (R32).

** S : Sleep / L : Low / M : Medium / H : High

*** Specification, design and feature are subject to change without prior notice.