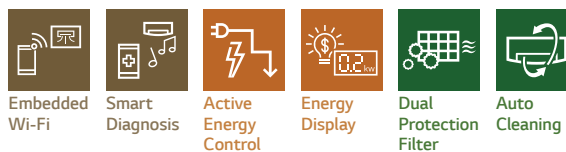


ARTCOOL (R32)



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				AC09BQ.NSJ	AC12BQ.NSJ	AC18BQ.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
EER	Heating +7°C	Rated	W/W	800	1050	1611
				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	59	59	60
		Sleep	m ³ /min	3.0	3.0	8.0
Air Flow Rate	Cooling	Low	m ³ /min	4.2	4.2	10.5
		Medium	m ³ /min	7.5	7.5	13.0
		High	m ³ /min	10.0	10.0	14.5
	Heating	Max (Power)	m ³ /min	12.5	12.5	15.5
		Low	m ³ /min	5.6	5.6	11.0
		Medium	m ³ /min	7.2	7.2	13.5
Dehumidification Rate	Cooling	High	m ³ /min	10.0	10.0	16.0
			l/h	1.1	1.3	1.8
Running Current	Cooling	Rated	A	3.3	4.7	6.9
		Max	A	6.0	6.0	9.0
	Heating	Rated	A	4.0	4.7	7.1
		Max	A	7.0	7.0	9.5
Starting Current	Cooling	Rated	A	3.3	4.7	6.9
	Heating	Rated	A	4.0	4.7	7.1
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker			A	15	15	20
Power Supply Cable			N x mm ²	3*1.0	3*1.0	3 x 1.5
Power & Transmission Cable			N x mm ²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)
Dimension			mm	837*308*189	837*308*189	998*345*210
Net Weight			kg	8.7	8.7	11.9
Fan Motor Output			W	30	30	30
OUTDOOR				AC09BQ.UA3	AC12BQ.UA3	AC18BQ.UL2
Operation Range	Cooling	Min-Max	°CDB	-10-48	-10-48	-15-48
	Heating	Min-Max	°CDB	-10-24	-10-24	-10-24
Sound Pressure	Cooling	High	dBa	48	48	53
	Heating	High	dBa	50	50	55
Sound Power	Cooling	High	dBa	65	65	65
	Heating	High	dBa	27	27	35
Air Flow Rate	Cooling	High	m ³ /min	3	3	3
	Length (Odu/Idu)	Min	m	15	15	20
Piping	Max	m		7	7	10
	Elevation (Odu/Idu)	Max	m	6.35	6.35	6.35
Piping Connection	Liquid	OD(Outside)	mm	(1/4)	(1/4)	(1/4)
			inch	9.52	9.52	12.7
			mm	9.52	9.52	12.7
	Gas	OD(Outside)	inch	(3/8)	(3/8)	(1/2)
			mm	21.5	21.5	21.5
			inch	0.85	0.85	0.85
Refrigerant	Type			R32	R32	R32
	Charge at 7.5m		g	700	700	1000
	Additional charge		t-CO ₂ eq	0.47	0.47	0.68
	GWP		g/m	20	20	20
Fan Motor Output			W	43	43	43
Compressor Type				Twin Rotary	Twin Rotary	Twin Rotary
Net Weight			kg	25.1	25.1	34.4
Dimension			mm	717*483*230	717*483*230	770*545*288

* 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.