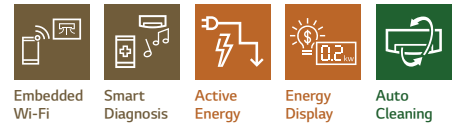


STANDARD PLUS



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				PC09SQ NSJ	PC12SQ NSJ	PC18SQ NSK	PC24SQ 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
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	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	m³ / min	3.0 / 4.2 / 7.5 / 10.0	3.0 / 4.2 / 7.5 / 10.0	80 / 105 / 130 / 145	80 / 105 / 131 / 161
Air Flow Rate	Cooling	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	Cooling	Rated	l/h	1.1	1.3	1.8	2.5
	Max	A	A	3.3	4.7	6.9	9.8
Running Current	Heating	Rated	A	6.0	6.0	9.0	14.0
	Max	A	A	4.0	4.7	7.1	10.4
Starting Current	Cooling / Heating	Rated	A	7.0	7.0	9.5	14.0
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 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 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (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	8.7	8.7	11.9	12.7
Fan Motor Output			W	30	30	30	60
OUTDOOR				PC09SQ UA3	PC12SQ UA3	PC18SQ UL2	PC24SQ 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	Cooling	High	m³ / min	27	27	35	50
	Length (Odu / Idu)	Min / Max	m	3 / 15	3 / 15	3 / 20	3 / 30
Piping	Elevation (Odu / Idu)	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)
	Drain Hose Size	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		kg	0.700	0.700	1.000	1.100
	Additional charge	t-CO ₂ eq	g/m	0.473	0.473	0.675	0.743
	GWP			20	20	20	20
Fan Motor Output			W	675	675	675	675
Compressor Type				43	43	43	85
Net Weight			kg	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 : 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.