

AIR CONDITIONERS

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LG HVAC SOLUTION



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STANDARD PLUS (R410A)



Embedded Wi-Fi



Smart Diagnosis



Active Energy Control



Energy Display



Dual Protection Filter



Auto Cleaning



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



Jet Cool



4 Way Swing



Fast Heating



Gold Fin™



Comfort Air



Low Noise 19dB (9k, 12k)



Silence Mode



Quick & Easy Installation

• Single Combination

UNIT				9K	12K	18K	24K
INDOOR				PM09SP.NSJ	PM12SP.NSJ	PM18SP.NSK	PM24SP.NSK
Capacity	Cooling	Min/Rated/Max	W	890/2500/3700	890/3500/4040	900/5000/5525	900/6600/7420
	Heating +7°C	Min/Rated/Max	W	890/3200/4100	890/3800/5100	900/5800/6438	900/7500/8640
	Heating -7°C	Rated	W	3000	3600	3800	4850
Power Input	Cooling	Rated	W	670	1080	1587	2275
	Heating +7°C	Rated	W	840	1000	1611	2308
EER			W/W	3.73	3.24	3.15	2.90
S.E.E.R.				6.5	6.4	6.5	6.2
P design C			kW	2.5	3.5	5.0	6.6
COP			W/W	3.81	3.80	3.60	3.25
S.C.O.P.				4.0	4.0	4.0	3.9
P design H			kW	2.4	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	134	191	269	372
	Heating		kWh	840	875	1365	1794
Sound Pressure	Cooling	Sleep	dBA	19	19	31	31
		Low	dBA	27	27	34	34
		Medium	dBA	35	35	39	42
	Heating	High	dBA	41	41	44	47
		Low	dBA	27	27	34	34
		Medium	dBA	35	35	39	42
Sound Power	Cooling	High	dBA	41	41	44	47
				59	59	60	65
Air Flow Rate	Cooling	Sleep	m³/min	3.0	3.0	8.0	8.0
		Low	m³/min	4.2	4.2	10.5	10.5
		Medium	m³/min	7.5	7.5	13.0	13.1
	Heating	High	m³/min	10.0	10.0	14.5	16.1
		Max (Power)	m³/min	11.5	12.5	15.5	20.0
		Low	m³/min	5.6	5.6	11.0	11.0
Dehumidification Rate	Cooling	Medium	m³/min	7.2	7.2	13.5	15.0
		High	m³/min	10.0	10.0	16.0	18.5
Running Current	Cooling	I/h		1.1	1.3	1.8	2.5
		Rated	A	3.0	4.7	6.9	10.1
	Heating	Max	A	6.0	6.0	9.0	14.0
		Rated	A	3.7	4.5	7.1	10.4
Starting Current	Cooling	Max	A	7.0	7.0	9.5	14.0
		Rated	A	3.0	4.7	6.9	10.1
Power Supply	Cooling	Rated	A	3.7	4.5	7.1	10.4
Circuit Breaker			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			A	15	15	20	25
Power & Transmission Cable			N x mm²	3*1.0	3*1.0	3 x 1.5	3 x 2.5
Dimension			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)	4 x 1.0 (Including Earth)
Net Weight			mm	837*308*189	837*308*189	998*345*210	998*345*210
Fan Motor Output	Cooling		kg	8.7	8.7	12.0	12.8
			W	30	30	30	60
OUTDOOR				PM09SP.UA3	PM12SP.UA3	PM18SP.UL2	PM24SP.UUE
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	dBA	49	49	53	56
	Heating	High	dBA	50	50	55	57
Sound Power	Cooling	High	dBA	65	65	65	70
	Heating	High	dBA	65	65	65	70
Air Flow Rate	Cooling	High	m³/min	27	27	35	50
Piping	Length (Odu/Idu)	Min	m	3	3	3	3
		Max	m	15	15	20	30
Piping Connection	Liquid	Elevation (Odu/Idu)	m	7	7	10	15
	Gas	OD(Outside)	mm	6.35	6.35	6.35	6.35
			inch	(1/4)	(1/4)	(1/4)	(1/4)
	Drain	OD(Outside)	mm	9.52	9.52	12.7	15.88
			inch	(3/8)	(3/8)	(1/2)	(5/8)
Refrigerant	Type	OD(Outside)	mm	21.5	21.5	21.5	21.5
			inch	0.85	0.85	0.85	0.85
	Charge at 7.5m			R410A	R410A	R410A	R410A
				950	950	1200	1350
Fan Motor Output	Compressor Type	t-CO ₂ eq	g	1.98	1.98	2.51	2.82
			g/m	20	20	20	30
Net Weight	Compressor Type	GWP		2087.5	2087.5	2087.5	2087.5
			W	43	43	43	85
Dimension	Compressor Type			1P Rotary	1P Rotary	Twin Rotary	Twin Rotary
			kg	28.4	28.4	36.3	46
Dimension	Compressor Type		mm	717*483*230	717*483*230	770*545*288	870*655*320

* This product contains Fluorinated greenhouse gases (R410A).

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

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

STANDARD PLUS (R32)



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Low Noise 19dB (9k, 12k)



Silence Mode



Quick & Easy Installation

• Single Combination

UNIT				9K	12K	18K
INDOOR				PC09SQ.NSJ	PC12SQ.NSJ	PC18SQ.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
	Heating -7°C	Rated	W	2600	3000	4200
Power Input	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.				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
				59	59	60
Air Flow Rate	Cooling	Sleep	m³/min	3.0	3.0	8.0
		Low	m³/min	4.2	4.2	10.5
		Medium	m³/min	7.5	7.5	13.0
	Heating	High	m³/min	10.0	10.0	14.5
		Max (Power)	m³/min	12.5	12.5	15.5
		Low	m³/min	5.6	5.6	11.0
Dehumidification Rate	Cooling	Medium	m³/min	7.2	7.2	13.5
		High	m³/min	10.0	10.0	16.0
Running Current	Cooling		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	Cooling	Rated	A	4.0	4.7	7.1
		Max	A	7.0	7.0	9.5
		Rated	A	3.3	4.7	6.9
Power Supply	Cooling	Rated	A	4.0	4.7	7.1
Circuit Breaker			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Supply Cable			A	15	15	20
Power & Transmission Cable			N x mm²	3*1.0	3*1.0	3 x 1.5
Dimension			N x mm²	4*1.0 (Including Earth)	4*1.0 (Including Earth)	4 x 1.0 (Including Earth)
Net Weight			mm	837*308*189	837*308*189	998*345*210
Fan Motor Output	Cooling		kg	8.7	8.7	11.9
			W	30	30	30
OUTDOOR				PC09SQ.UA3	PC12SQ.UA3	PC18SQ.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
Air Flow Rate	Cooling	High	m³/min	27	27	35
Piping	Length (Odu/Idu)	Min	m	3	3	3
		Max	m	15	15	20
		Elevation (Odu/Idu)	Max	m	7	7
Piping Connection	Liquid	OD(Outside)	mm	6.35	6.35	6.35
		OD(Outside)	inch	(1/4)	(1/4)	(1/4)
	Gas	OD(Outside)	mm	9.52	9.52	12.7
		OD(Outside)	inch	(3/8)	(3/8)	(1/2)
	Drain	OD(Outside)	mm	21.5	21.5	21.5
Refrigerant	Type	OD(Outside)	inch	0.85	0.85	0.85
				R32	R32	R32
				700	700	1000
		Charge at 7.5m	g	0.47	0.47	0.68
Fan Motor Output	Compressor Type	Additional charge	g/m	20	20	20
		GWP		675	675	675
Net Weight	Dimension	W		43	43	43
				Twin Rotary	Twin Rotary	Twin Rotary
Compressor Type	Net Weight			25.1	25.1	34.4
				717*483*230	717*483*230	770*545*288