Wi-Fi R32 AI Air

DUAL Inverter Compressor™ | Soft Air | Dual Vane | Low Noise 19dB | Comfort Humidity Control | KW Manager | Window Open Detecting | Active Energy Control | Fast Cooling | Fast Heating | Freeze Cleaning | Allergy Filter | Low Refrigerant Detection | Mobile LG MV | Embeded Wi-Fi | Gold Fin | Multi Compatible

AI DUAL Inverter™

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

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

Single Combination

EFFICIENT DATA				P09SND.SS0	P12SND.SS0
Capacity	Cooling	Min ~ Rated ~ Max	kW	0.89 / 2.5 / 3.6	0.89 / 3.5 / 4.05
	Heating	Min ~ Rated ~ Max	kW	0.65 / 3.2 / 4.6	0.65 / 3.7 / 5.0
	Heating -7 °C	Max	kW	3.3	3.6
Power Input	Cooling	Min ~ Rated ~ Max	W	180 / 590 / 1,260	180 / 933 / 1,400
	Heating	Min ~ Rated ~ Max	W	180 / 740 / 1,450	180 / 900 / 1,600
Running Current	Cooling	Min ~ Rated ~ Max	A	1.50 / 2.9 / 5.5	1.50 / 4.3 / 6.1
	Heating	Min ~ Rated ~ Max	A	1.50 / 3.5 / 6.3	1.50 / 4.15 / 7.0
EER			W/W	4.24	3.75
SEER			-	8.3	7.6
COP			W/W	4.32	4.1
SCOP (Average / Warmer)			-	4.6 / 5.5	4.6 / 5.5
P design C / P design H			kW	2.5 / 2.7	3.5 / 2.7
Energy Label Grade (A+++ to D Scale)		Cooling	-	A++	A++
		Heating (Average/Warmer)	-	A++ (A+++)	A++ (A+++)
Annual Energy Consumption		Cooling	kWh	105	161
		Heating (Average/Warmer)	kWh	822 (356)	822 (356)
INDOOR UNIT				**P09SND.NS0**	**P12SND.NS0**
Dimensions (W × H × D)		Net	mm	799 x 307 x 235	799 x 307 x 235
		Shipping	mm	871 x 383 x 296	871 x 383 x 296
Weight		Net	kg	10	10
Air Filter Type				Prefilter (Washable), Allegy Filter	Prefilter (Washable), Allegy Filter
Air Flow Rate	Cooling	SH / H / M / L	m^3/min	12.7 / 10.3 / 7.6 / 4.8	12.7 / 10.3 / 7.6 / 4.8
	Heating	SH / H / M / L	m^3/min	13.0 / 10.3 / 7.6 / 4.8	13.0 / 10.3 / 7.6 / 4.8
Sound Pressure Level	Cooling	SH / H / M / L / SL	dB(A)	48 / 42 / 35 / 27 / 19	48 / 42 / 35 / 27 / 19
	Heating	SH / H / M / L	dB(A)	48 / 42 / 35 / 27	48 / 42 / 35 / 27
Sound Power Level			dB(A)	60	60
Dehumidification Rate			l/h	1.15	1.30
Drain Hose Size		O.D, I.D	mm	21.5, 16	21.5, 16
OUTDOOR UNIT				**P09SND.U12A**	**P12SND.U12A**
Dimensions (W × H × D)		Net	mm	717 x 495 x 230	717 x 495 x 230
		Shipping	mm	836 x 540 x 321	836 x 540 x 321
Weight		Net	kg	25	25
Operation Range		Cooling	°C DB	-15 ~ 48	-15 ~ 48
		Heating	°C DB	-15 ~ 24	-15 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Sound Pressure Level	Cooling	Rated	dB(A)	48	48
	Heating	Rated	dB(A)	51	51
Sound Power Level			dB(A)	60	60
Air Flow Rate		Max	m^3/min	27.0	27.0
Circuit Breaker			A	16	16
Power Supply Cable			No. × mm^2	3 x 2.5	3 x 2.5
Power and Communication Cable			No. × mm^2	4 x 1.5 (Including Earth)	4 x 1.5 (Including Earth)
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO_2 eq		kg	0.73 / 0.493	0.73 / 0.493
	Chargeless		m	7.5	7.5
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35 (1/4")	Ø 6.35 (1/4")
		Gas	mm	Ø 9.52 (3/8")	Ø 9.52 (3/8")
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
		No Charge (Chargeless)	m	7.5	7.5
	Max. Elevation Difference		m	10	10
Compressor	Type		-	Inverter Twin Rotary	Inverter Twin Rotary
ACCESSORIES & OTHERS					
Multi Compatible				Y	Y
PI 485				-	-
Dry Contact				Y	Y
Wired Remote Controller				Y	Y

* : Sound Pressure is not a value declared on Eurovent Program.
※ This product contains Fluorinated greenhouse gases (R32).
※ S : Sleep / L : Low / M : Medium / H : High
※ GWP : Global warming potential
※ t-CO_2eq : F-gas(kg)*GWP/1000
※ Y : Available or Applied / - : Not Available or Not Applied
※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.