











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

AI-Advanced Care with Lower Energy Consumption

- Effortless Comfort with AI AIR: Your air conditioner takes care of everything, ensuring optimal comfort by adapting airflow with radar sensors that track your location and ambient temperature via ThinO.
- Soft Air: Stay comfortably cool without a chill, thanks to ultra-fine settings for wind strength and
- Dual Vane Technology: Enjoy optimized control of two separate vanes through multi-link technology, expanding the range of airflow control.
- Comfort Humidity Control: Maintain the perfect environment by adjusting airflow based on the desired temperature and current humidity, ensuring no excess chill.
 - Al kW Manager (Cooling Mode Only): Automatically set energy-saving stages based on your
- target electricity usage and period, making sure your air conditioner operates efficiently.
- All Cleaning: The unit automatically handles everything from cleaning to drying, keeping the interior hygienic
- Automatic Energy Saving: Detects open windows and activates Pro-Active Energy Saving Mode
- Control to conserve energy.
 Sleep Timer+ (Plus): Analyzes your air conditioner usage patterns to automatically adjust cooling temperature for a perfect night's sleep.
- Low Heating, Allergy Filter, Freeze Cleaning: Features designed to ensure a cleaner, healthier, and more comfortable indoor environment.

Single Combination

EFFICIENT DATA	4			P09SND.SS0	P12SND.SS0
	Cooling	Min ~ Rated ~ Max	kW	0.89 / 2.5 / 3.6	0.89 / 3.5 / 4.05
Capacity	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
	Cooling	Min ~ Rated ~ Max	W	180 / 590 / 1,260	180 / 933 / 1,400
ower Input	Heating	Min ~ Rated ~ Max	W	180 / 740 / 1,450	180 / 900 / 1,600
	Cooling	Min ~ Rated ~ Max	A	1.50 / 2.9 / 5.5	1.50 / 4.3 / 6.1
unning Current	Heating	Min ~ Rated ~ Max	A	1.50 / 3.5 / 6.3	1.50 / 4.15 / 7.0
ER	ricating	Will Naced Wax	W/W	4.24	3.75
EER			-	8.3	7.6
OP			W/W	4.32	4.1
COP (Average / W	(armer)		-	4.6 / 5.5	4.6 / 5.5
design C / P desig			kW	2.5 / 2.7	3.5 / 2.7
nergy Label Grade	JII FI	Cooling	KVV	A++	3.5 / 2.7 A++
A+++ to D Scale)		Heating (Average/Warmer)	-	A++ A++ (A+++)	A++ (A+++)
			1340	, ,	. ,
nnual Energy		Cooling	kWh	105	161
onsumption	_	Heating (Average/Warmer)	kWh	822 (356)	822 (356)
NDOOR UNIT				P09SND.NS0	P12SND.NS0
imensions (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
/eight		Net	kg	10	10
ir Filter Type				Prefilter (Washable), Allegy Filter	Prefilter (Washable), Allegy Filter
Air Flow Rate	Cooling	SH / H / M / L	m³/min	12.7 / 10.3 / 7.6 / 4.8	12.7 / 10.3 / 7.6 / 4.8
	Heating	SH / H / M / L	m³/min	13.0 / 10.3 / 7.6 / 4.8	13.0 / 10.3 / 7.6 / 4.8
ound Pressure	Cooling	SH / H / M / L / SL	dB(A)	48 / 42 / 35 / 27 / 19	48 / 42 / 35 / 27 / 19
evel	Heating	SH / H / M / L	dB(A)	48 / 42 / 35 / 27	48 / 42 / 35 / 27
ound Power Level			dB(A)	60	60
ehumidification Ra	te		l/h	1.15	1.30
rain Hose Size		O.D, I.D	mm	21.5, 16	21.5, 16
OUTDOOR UNIT				P09SND.U12A	P12SND,U12A
		Net	mm	717 x 495 x 230	717 x 495 x 230
imensions (W × H	× D)	Shipping	mm	836 x 540 x 321	836 x 540 x 321
Veight		Net	kg	25	25
Operation Range		Cooling	°C DB	-15 ~ 48	-15 ~ 48
		Heating	°C DB	-15 ~ 24	-15 ~ 24
peration Range					
			Ø V Hz		
ower Supply	Cooling		Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50
ower Supply ound Pressure	Cooling	Rated	dB(A)	1, 220 ~ 240, 50 48	1, 220 ~ 240, 50 48
ower Supply ound Pressure evel	Cooling Heating		dB(A) dB(A)	1, 220 ~ 240, 50 48 51	1, 220 ~ 240, 50 48 51
ower Supply ound Pressure evel ound Power Level		Rated Rated	dB(A) dB(A) dB(A)	1, 220 ~ 240, 50 48 51 60	1, 220 ~ 240, 50 48 51 60
ower Supply ound Pressure evel ound Power Level ir Flow Rate		Rated	dB(A) dB(A) dB(A) m³/min	1, 220 ~ 240, 50 48 51 60 27.0	1, 220 ~ 240, 50 48 51 60 27.0
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker	Heating	Rated Rated	dB(A) dB(A) dB(A) m³/min A	1, 220 ~ 240, 50 48 51 60 27.0 15	1, 220 ~ 240, 50 48 51 60 27.0 15
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable	Heating	Rated Rated	dB(A) dB(A) dB(A) m³/min A No. × mm²	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable	Heating ication Cable	Rated Rated Max	dB(A) dB(A) dB(A) m³/min A	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth)	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth)
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable	Heating ication Cable Type / GWP (Globa	Rated Rated Max al Warming Potential)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm²	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675
ower Supply bound Pressure evel bund Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi	Heating ication Cable Type / GWP (Globa Pre Charged Amou	Rated Rated Max al Warming Potential)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi	Heating ication Cable Type / GWP (Glob: Pre Charged Amou	Rated Rated Max al Warming Potential)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi	Heating ication Cable Type / GWP (Globa Pre Charged Amou	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq	dB(A) dB(A) dB(A) m³/min A No. × mm² - kg m g/m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi efrigerant	Heating ication Cable Type / GWP (Glob: Pre Charged Amou Chargeless Additional Charge	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 ø 6.35	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 ø 6.35
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi efrigerant	Heating ication Cable Type / GWP (Glob: Pre Charged Amou	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas	dB(A) dB(A) dB(A) m³/min A No. × mm² - kg m g/m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 \$\phi\$ 6.35 \$\phi\$ 9.52	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52
ower Supply ound Pressure evel ound Power Level ir Flow Rate ircuit Breaker ower Supply Cable ower and Communi efrigerant	Heating ication Cable Type / GWP (Glob: Pre Charged Amou Chargeless Additional Charge	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20
ower Supply bund Pressure evel bund Power Level ir Flow Rate ircuit Breaker bwer Supply Cable bwer and Communi efrigerant ping etween Indoor	ication Cable Type / GWP (Glob: Pre Charged Amou Chargeless Additional Charge Size Piping Length	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5
ower Supply ound Pressure evel ound Power Level ir Flow Rate irrouit Breaker ower Supply Cable ower and Communi efrigerant iping	Heating ication Cable Type / GWP (Glob: Pre Charged Amou Chargeless Additional Charge	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm mm	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10
ower Supply ound Pressure evel ound Power Level ir Flow Rate irrcuit Breaker ower Supply Cable ower and Communi efrigerant iping etween Indoor Outdoor	ication Cable Type / GWP (Glob: Pre Charged Amou Chargeless Additional Charge Size Piping Length	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm m m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5
ower Supply ound Pressure evel ound Power Level ir Flow Rate ir Flow Rate ower Supply Cable ower and Communi efrigerant iping etween Indoor Outdoor ompressor	ication Cable Type / GWP (Globale Pre Charged Amount Chargeless Additional Charge Size Piping Length Max. Elevation Differtype	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm m m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10
ower Supply ound Pressure evel ound Power Level in Flow Rate irricuit Breaker ower Supply Cable tower and Communi defrigerant diping tetween Indoor outdoor compressor	ication Cable Type / GWP (Globale Pre Charged Amount Chargeless Additional Charge Size Piping Length Max. Elevation Differtype	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm m m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10
Nower Supply Jound Pressure Level Jound Power Level Journal Power Level Journal Power Supply Cable Lower and Communi Lefrigerant Journal Journ	ication Cable Type / GWP (Globale Pre Charged Amount Chargeless Additional Charge Size Piping Length Max. Elevation Differtype	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm m m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10 Inverter Twin Rotary	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10 Inverter Twin Rotary
Power Supply Sound Pressure Level Sound Power Level Sound Power Level Flow Rate Circuit Breaker Power Supply Cable Power and Communi Refrigerant Piping Between Indoor & Outdoor Compressor ACCESSORIES & Multi Compatible Pi 485 Dry Contact	ication Cable Type / GWP (Globale Pre Charged Amount Chargeless Additional Charge Size Piping Length Max. Elevation Differtype	Rated Rated Max al Warming Potential) unt / t-CO ₂ eq Liquid Gas Min / Standard / Max No Charge (Chargeless)	dB(A) dB(A) dB(A) m³/min A No. × mm² No. × mm² - kg m g/m mm m m	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10 Inverter Twin Rotary	1, 220 ~ 240, 50 48 51 60 27.0 15 3 x 1.0 4 x 1.0 (Including Earth) R32 / 675 0.73 / 0.493 7.5 20 Ø 6.35 Ø 9.52 3 / 7.5 / 20 7.5 10 Inverter Twin Rotary

- *: Sound Pressure is not a value declared on Eurovent Program.
- \divideontimes 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
- $\ensuremath{\,\times\,}$ 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.