



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

Integrate with Your Senses and Interior

- Pro-Active Energy Control: Seamlessly adjust energy consumption levels and cooling capacity, ensuring efficient operation in Cooling Mode.
- Plasmaster™ Ionizer++: Say goodbye to unpleasant odors and harmful bacteria. With over 8 million ions at work, enjoy a safer and cleaner indoor environment free from Escherichia coli and Staphylococcus.
- Interior Allergy Filter: Breathe easier with our advanced filter that absorbs harmful particles like dust mites, pollen, fungi, and mold, providing a cleaner and more allergen-free space.
- UV Light Sanitization: Maintain a 99.99% bacteria-free fan with ultraviolet light, ensuring every breath you take is through clean, purified air.

Single Combination

EFFICIENT DATA				AC09BK.SSJ	AC12BK.SSJ	AC18BK.SSK	AC24BK.SSK
Capacity	Cooling	Min ~ Rated ~ Max	kW	0.89 / 2.5 / 3.7	0.89 / 3.5 / 4.04	0.9 / 5.0 / 5.5	0.9 / 6.6 / 7.42
	Heating	Min ~ Rated ~ Max	kW	0.89 / 3.3 / 4.1	0.89 / 4.0 / 5.1	0.9 / 5.8 / 6.4	0.9 / 7.5 / 8.64
	Heating -7 °C	Max	kW	2.6	3.0	4.2	6.0
Power Input	Cooling	Min ~ Rated ~ Max	W	200 / 656 / 1,400	200 / 1,080 / 1,400	210 / 1,562 / 1,940	210 / 2,164 / 2,500
	Heating	Min ~ Rated ~ Max	W	195 / 800 / 1,600	195 / 1,050 / 1,600	210 / 1,611 / 2,000	210 / 2,238 / 2,750
Running Current	Cooling	Min ~ Rated ~ Max	A	1.1 / 3.3 / 6.0	1.1 / 4.7 / 6.0	1.2 / 6.9 / 9.0	1.2 / 9.8 / 14.0
	Heating	Min ~ Rated ~ Max	A	1.1 / 4.0 / 7.0	1.1 / 4.7 / 7.0	1.2 / 7.1 / 9.5	1.2 / 10.0 / 14.0
EER			W/W	3.81	3.24	3.2	3.05
SEER			-	7.0	6.6	7.0	6.9
COP			W/W	4.12	4.12	3.6	3.35
SCOP (Average / Warmer)			-	4.0 (4.9)	4.0 (4.9)	4.3 (5.3)	4.3 (5.3)
P design C / P design H			kW	2.5 / 2.5	3.5 / 2.5	5.0 / 3.9	6.6 / 5.0
Energy Label Grade (A+++ to D Scale)	Cooling		-	A++	A++	A++	A++
	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)	1,270 (555)	1,628 (713)
INDOOR UNIT				AC09BK.NSJ	AC12BK.NSJ	AC18BK.NSK	AC24BK.NSK
Dimensions (W × H × D)	Net		mm	837 × 308 × 192	837 × 308 × 192	998 × 345 × 212	998 × 345 × 212
	Shipping		mm	882 × 385 × 253	882 × 385 × 253	1,053 × 424 × 278	1,089 × 428 × 298
Weight	Net		kg	9.9	9.9	12.8	13.5
Air Filter Type				Prefilter (Washable), Allergy Filter	Prefilter (Washable), Allergy Filter	Prefilter (Washable), Allergy Filter	Prefilter (Washable), Allergy Filter
Air Flow Rate	Cooling	SH / H / M / L	m ³ /min	12.5 / 10.0 / 7.5 / 4.2	12.5 / 10.0 / 7.5 / 4.2	15.5 / 14.5 / 13.0 / 10.5	18.3 / 16.1 / 13.1 / 10.5
	Heating	SH / H / M / L	m ³ /min	13.0 / 10.0 / 7.2 / 5.6	13.0 / 10.0 / 7.2 / 5.6	18.5 / 16.0 / 13.5 / 11.0	19.8 / 17.6 / 14.3 / 11.0
Sound Pressure Level	Cooling	SH / H / M / L / SL	dB(A)	45 / 41 / 35 / 27 / 19	45 / 41 / 35 / 27 / 19	47 / 44 / 39 / 34 / 31	49 / 47 / 42 / 34 / 31
	Heating	SH / H / M / L	dB(A)	45 / 41 / 35 / 27	45 / 41 / 35 / 27	48 / 44 / 39 / 34	50 / 47 / 42 / 34
Sound Power Level			dB(A)	59	59	60	65
Dehumidification Rate			l/h	1.1	1.3	1.8	2.5
Drain Hose Size	O.D, I.D		mm	21.5, 16	21.5, 16	21.5, 16	21.5, 16
OUTDOOR UNIT				AC09BK.UA3	AC12BK.UA3	AC18BK.U2L	AC24BK.U24
Dimensions (W × H × D)	Net		mm	717 × 495 × 230	717 × 495 × 230	770 × 545 × 288	870 × 650 × 330
	Shipping		mm	836 × 540 × 321	836 × 540 × 321	919 × 599 × 392	1,026 × 683 × 446
Weight	Net		kg	25.1	25.1	34.4	46
Operation Range	Cooling		°C DB	-10 ~ 48	-10 ~ 48	-15 ~ 48	-15 ~ 48
	Heating		°C DB	-10 ~ 24	-10 ~ 24	-10 ~ 24	-10 ~ 24
Power Supply			Ø, V, Hz	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50	1, 220 ~ 240, 50
Sound Pressure Level	Cooling	Rated	dB(A)	48	48	53	54
	Heating	Rated	dB(A)	50	50	55	57
Sound Power Level			dB(A)	65	65	65	70
Air Flow Rate		Max	m ³ /min	27.0	27.0	35.0	49.0
Circuit Breaker			A	15	15	20	25
Power Supply Cable			No. × mm ²	3 × 1.0	3 × 1.0	3 × 1.5	3 × 2.5
Power and Communication Cable			No. × mm ²	4 × 1.0 (Including Earth)			
Refrigerant	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675	R32 / 675	R32 / 675
	Pre Charged Amount / t-CO ₂ eq		kg	0.7 / 0.473	0.7 / 0.473	1.0 / 0.675	1.1 / 0.743
	Chargeless		m	7.5	7.5	7.5	7.5
	Additional Charge		g/m	20	20	20	20
Piping	Size	Liquid	mm	ø 6.35	ø 6.35	ø 6.35	ø 6.35
		Gas	mm	ø 9.52	ø 9.52	ø 12.7	ø 15.88
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3 / 7.5 / 15	3 / 7.5 / 15	3 / 7.5 / 20	3 / 7.5 / 30
		No Charge (Chargeless)	m	7.5	7.5	7.5	7.5
	Max. Elevation Difference	m		7	7	10	15
Compressor	Type		-	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
ACCESSORIES & OTHERS							
Multi Compatible				Y	Y	Y	Y
PI 485				-	-	Y	Y
Dry Contact				Y	Y	Y	Y
Wired Remote Controller				Y	Y	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-CO₂eq : 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.