



Masterpiece of Your Interior : ARTCOOL Gallery Premium

Transform your space with the perfect blend of functionality and art. The ARTCOOL 2nd Evolution Gallery seamlessly integrates style, technology, and comfort into your home.

- ThinQ UP / Pre-Cool & Heat by ThinQ App.
- Stylish Design: A wood frame with an interior design aesthetic (option : black frame) elevates any room's décor.
- FHD Display: A 27-inch full HD display graces the front panel, offering dynamic customization.
- Personal Touch: Easily upload and change images or showcase your own photos via the LG ThinQ app, making it uniquely yours.
- Smart Display: The air conditioner widget keeps you informed about energy usage, maintenance needs, and operational status at a glance.
- Comfort & Hygiene.
- 3D Indirect Airflow & Hidden Vane Control: Provides optimal cooling without the discomfort of direct wind.
- Plasmaster™ Ionizer++: Removes 99.9% of adhering bacteria for cleaner air.
- Freeze Cleaning & Auto Clean+: Ensures the unit stays spotless with innovative cleaning modes.

With the ARTCOOL 2nd Evolution Gallery, you're not just getting an air conditioner-you're elevating your interior with a masterpiece of design and technology.



DUAL Inverter
Heat Pump



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

Single Combination

SET UNIT				A09GA2S.EEU	A12GA2S.EEU
Cooling	Capacity	Min ~ Rated ~ Max	kW	0.89 ~ 2.6 ~ 3.7	0.89 ~ 3.7 ~ 4.0
	Power Input	Min ~ Rated ~ Max	W	200 ~ 623 ~ 1,400	200 ~ 1,057 ~ 1,450
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.0 ~ 6.0	1.1 ~ 4.6 ~ 6.2
	EER		W/W	4.17	3.5
	SEER		-	7.3	7.0
	P design C		kW	2.6	3.7
	Energy Label Grade (A+++ to D Scale)		-	A++	A++
	Annual Energy Consumption		kWh	124	184
Heating	Capacity	Min ~ Rated ~ Max Max (-7 °C)	kW	0.89 ~ 3.3 ~ 4.1 2.6	0.89 ~ 4.0 ~ 4.7 3.2
	Power Input	Min ~ Rated ~ Max	W	200 ~ 808 ~ 1,650	200 ~ 1,078 ~ 1,650
	Running Current	Min ~ Rated ~ Max	A	1.1 ~ 3.7 ~ 7.2	1.1 ~ 4.8 ~ 7.2
	COP		W/W	4.08	3.71
	SCOP (Average / Warmer)	Average (Warmer)	-	4.3 (5.0)	4.3 (5.0)
	P design H		kW	2.8	2.8
	Energy Label Grade (A+++ to D Scale)	Average (Warmer)	-	A+ (A++)	A+ (A++)
	Annual Energy Consumption	Average (Warmer)	kWh	911 (413)	911 (413)
INDOOR UNIT				A09GA2N.EEU	A12GA2N.EEU
Dimensions (W × H × D)	Net		mm	652 x 158 x 652	652 x 158 x 652
	Shipping		mm	744 x 235 x 736	744 x 235 x 736
Weight	Net		kg	20	20
Air Filter Type				Pre Filter (Washable)	Pre Filter (Washable)
Air Flow Rate	Cooling	L / M / H / SH	m ³ /min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
	Heating	L / M / H / SH	m ³ /min	6.0 / 8.0 / 10.0 / 11.0	6.0 / 8.0 / 10.0 / 11.0
Sound Pressure Level	Cooling	SL / L / M / H / SH	dB(A)	20 / 28 / 36 / 42 / -	20 / 28 / 36 / 42 / -
	Heating	L / M / H / SH	dB(A)	28 / 36 / 42 / -	28 / 36 / 42 / -
Sound Power Level			dB(A)	60	60
Moisture Removal			l/h	1.1	1.3
Drain Hose Size	O.D, I.D		mm	21.5, 16	21.5, 16
OUTDOOR UNIT				A09GA2U.EEU	A12GA2U.EEU
Dimensions (W × H × D)	Net		mm	770 x 545 x 288	770 x 545 x 288
	Shipping		mm	920 x 593 x 388	920 x 593 x 388
Weight	Net		kg	29.9	29.9
Air Flow Rate	Max		m ³ /min	35.0	35.0
Sound Pressure Level	Cooling	Rated	dB(A)	50	50
	Heating	Rated	dB(A)	53	53
Sound Power Level	Rated		dB(A)	62	62
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
Circuit Breaker			A	15	15
Power Supply Cable			No. × mm ²	3 × 1.0	3 × 1.0
Power and Communication Cable			No. × mm ²	4 × 1.0 (Including Earth)	4 × 1.0 (Including Earth)
	Type / GWP (Global Warming Potential)		-	R32 / 675	R32 / 675
Refrigerant	Pre Charged Amount / t-CO ₂ eq		kg	0.8 / 0.540	0.8 / 0.540
	Chargeless		m	10.0	10
	Additional Charge		g/m	20	20
Piping	Size	Liquid	mm	Ø 6.35	Ø 6.35
		Gas	mm	Ø 9.52	Ø 9.52
Piping Connection	Piping Length	Min / Standard / Max	m	3 / 7.5 / 20	3 / 7.5 / 20
	No Charge (Chargeless)		m	10	10
	Max. Elevation Difference		m	10	10
Compressor	Type		-	DualCool Inverter	DualCool Inverter
ACCESSORIES & OTHERS					
Multi Compatible				Yes	Yes
PI485				Yes	Yes
Dry Contact				Yes	Yes
Wired Remote Controller				Yes	Yes

* : 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/1,000

※ 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.