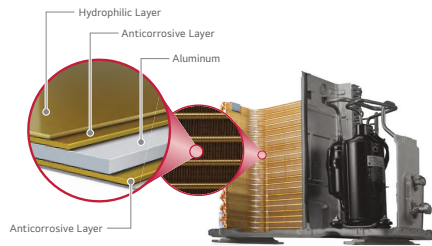


# Gold Fin™

The Gold Fin™ coating protects the surface of the heat exchanger from unnecessary wear and corrosion.  
 ※ Specifications may vary for each model. ※ Depending on the experimental conditions.

## How It Works

**Corrosion-resistant protective layer**  
 The gold-colored special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit.



## Test Result

Conventional Fin



Gold Fin™



TUV Verify that the corrosion improved "Gold Fin" has less than 0.05% corrosion area after 5000 hours salt spray test. TUV has verified that the corrosion area of Gold Fin™ is not more than 0.05% (over R.N. 9.5)

※ Test Condition  
 - Test standard: ISO9227:2017, ISO10289:1999, ASTM B 117 Salt spray test  
 - Test Sample: Al Fin sheet (100µm, 70 X 150 mm) + Organic Coating (1.65g/m<sup>2</sup>)  
 - Setting Condition: (35±2)°C, 6.5 - 7.2 pH, (5±1)% NaCl salt fog spray, 5000 h  
 - Test Result: Not More than 0.05% of corrosion area ratio. (over R.N. 9.5)



LG participates in the ECP programme for EUROVENT AC program. Check ongoing validity of certification: [www.urovent-certification.com](http://www.urovent-certification.com)

## Single Combination

UNIT		9K	12K	
<b>INDOOR</b>	<b>A09GAJNSE</b>			
	Capacity	Cooling	Min. / Rated / Max. kW	0.89 / 3.30 / 4.10
		Heating	Min. / Rated / Max. kW	0.89 / 3.30 / 4.10
	Power Input	Cooling	Rated kW	2.60
		Heating	Rated kW	2.60
	EER	Cooling / Heating	Rated	6.00 / 6.08
	S.E.E.R.			4.17
	P design C			7.2
	SEER			6.9
	SEER			3.5
	SEER			3.7
	S.C.O.P.	(Average / Warmer)		4.3 / 4.9
	P design H (Average / Warmer)			2.7 / 1.4
	Energy Label	Cooling	A++	A++
	(A+++ to D Scale)	Heating	(Average / Warmer)	A+ / A++
Annual Energy Consumption	Cooling	kWh	121	
Consumption	Heating	(Average / Warmer) kWh	879 / 373	
Sound Pressure*	Cooling	S / L / M / H dB(A)	20 / 28 / 36 / 42	
	Heating	S / L / M / H dB(A)	28 / 36 / 42	
Sound Power	Cooling	dB(A)	60	
	Heating	dB(A)	60	
Air Flow Rate	S / L / M / H / Max. (Power)	m <sup>3</sup> /min	3 / 6 / 8 / 10 / 12	
	L / M / H	m <sup>3</sup> /min	6 / 8 / 10	
Dehumidification Rate		l/h	11	
Running Current	Cooling	Min. / Rated / Max. A	11 / 3.0 / 6.0	
	Heating	Min. / Rated / Max. A	11 / 3.7 / 7.2	
Starting Current	Cooling / Heating	Rated	3.0 / 3.7	
Power Supply		Ø / V / Hz	1 / 220-240 / 50	
Circuit Breaker		A	20	
Power Supply Cable		N x mm <sup>2</sup>	3 x 1.0	
Power & Transmission Cable		N x mm <sup>2</sup>	4 x 1.0 (including Earth)	
Dimension		mm	652 x 652 x 158	
Net Weight		kg	20	
Fan Motor Output		W	32.7	
<b>OUTDOOR</b>	<b>A09GAJL18</b>			
	Operation Range	Cooling	Min. / Max. °C DB	-15 / 48
		Heating	Min. / Max. °C DB	-15 / 24
	Sound Pressure*	Cooling / Heating	High dB(A)	50 / 53
		Cooling	High dB(A)	65
	Air Flow Rate	Cooling	High m <sup>3</sup> /min	35
		Heating	High m <sup>3</sup> /min	35
	Piping	Liquid (ODU / IDU)	Min. / Max. m	3 / 20
		Elevation (ODU / IDU)	Min. / Max. m	10
	Piping Connection	Liquid	OD (Outside) mm (inch)	6.35 (1/4)
		Gas	OD (Outside) mm (inch)	9.52 (3/8)
	Drain Hose Size	Type	mm (inch)	215 (27/32)
		Charge at 7.5m	kg	0.800
	Refrigerant	t-CO <sub>2</sub> eq		0.540
		Additional Charge GWP	g/m	20
Fan Motor Output	Compressor Type		0.75	
	Compressor Type		43	
Net Weight	Compressor Type		33.4	
	Dimension	mm	770 x 545 x 288	
ACCESSORIES & OTHERS	Multi Compatible		Y	
	PA485		Y	
Dry Contact			Y	
	Wired Remote Controller		Y	

■ Preliminary Data Only

\* 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<sub>2</sub>eq : F-gas(eq)<sup>100</sup>/GWP/1000

※ For our policy of continuous product improvement, specification, design and feature are subject to change without prior notice.

※ Y : Available or Applied / - : Not Available or Not Applied