

# 1. SPECIFICATIONS

OUTDOOR UNIT  
AO\*G09-12LT

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Type			INVERTER HEAT PUMP		
Model name			AO*G09LTC	AO*G12LTC	
Power source			230V ~ 50Hz		
Available voltage range			198-264V ~ 50Hz		
Starting current			A	3.3	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	1,700	
		Heating		2,050	
	Type×Q'ty		Propeller fan×1		
	Motor output		W	50	115
Sound pressure level	Cooling	dB(A)	50		
	Heating		50		
Heat exchanger type	Dimensions(H×W×D)		mm	504 × 896 × 36.4	588 × 881 × 36.4
	Fin pitch			1.3	1.3
	Rows×Stages		2 × 24	2 × 28	
	Pipe type		Copper		
	Fin Type		Aluminium		
Compressor	Type×Q'ty		Rotary ×1		
	Motor output		W	750	850
Refrigerant	Type		R410A		
	Charge	g	1,050	1,200	
Refrigerant oil	Type		POE(VG74)		
Enclosure	Material		Steel		
	Colour		Beige Approximate colour of MUNSELL 10YR7.5/1.0		
Dimensions (H×W×D)	Net		mm	540 × 790 × 290	620 × 790 × 290
	Gross			633 × 945 × 395	713 × 945 × 395
Weight	Net		kg (lbs.)	33(72.8)	40(88.2)
	Gross			37(81.6)	43(94.8)
Connention pipe	Size	Liquid	mm	Ø6.35 (Ø1/4 in.)	
		Gas		Ø9.52 (Ø3/8 in.)	
	Method		Flare		
	Pre-charge length		m	15	
	Max. length			20	
Max. height difference		15			
Operation range	Cooling	°C	-10 to 43		
	Heating		-20 to 24		

Note :

Specifications are based on the following conditions.

Cooling : Indoor temperature of 27 °CDB / 19 °CWB.and outdoor temperature of 35 °CDB/24 °CWB.

Heating : Indoor temperature of 20 °CDB / 15 °CWB.and outdoor temperature of 7 °CDB/6 °CWB.

Pipe length : 5 m, Height difference : 0 m.(Outdoor unit - Indoor unit)

The maximum current is the maximum value when the operated within the operation range (temperature).

The protective function might work when using it outside the operation range.