

1. Specifications

Type			Inverter heat pump			
Model name			ARYG24LMLA			
Power supply			230 V ~ 50 Hz			
Available voltage range			198—264 V			
Capacity	Cooling	Rated	kW	6.8		
		Min.—Max.	Btu/h	23,200		
			kW	0.9—8.0		
	Heating	Min.—Max.	Btu/h	3,100—27,300		
			kW	8.00		
		Rated	Btu/h	27,300		
Input power	Cooling	Rated	kW	2.21		
				Max.	2.85	
		Heating		Rated	2.26	
	Min.—Max.			kW	0.90—9.10	
				Btu/h	3,100—31,000	
	Current	Cooling		Rated	A	9.7
Heating		9.9				
Power factor	Cooling		%	99.1		
	Heating			99.3		
EER	Cooling			3.08		
COP	Heating			3.54		
Moisture removal			L/h (pints/h)	2.5 (4.4)		
Maximum operating current *1	Cooling			14.7		
	Heating			15.7		
Fan	Cooling	Airflow rate	m ³ /h	HIGH	1,100	
				MED	910	
				LOW	750	
				QUIET	580	
	Heating	HIGH		1,100		
		MED		910		
		LOW		750		
		QUIET		580		
	Type × Q'ty			Sirocco × 2		
	Motor output			W	106	
Static pressure range			Pa	30 to 150		
Sound pressure level *2	Cooling	Airflow rate	dB (A)	HIGH	31	
				MED	29	
				LOW	27	
				QUIET	25	
	Heating			HIGH	31	
				MED	29	
				LOW	27	
				QUIET	25	
Sound power level	Cooling	HIGH	dB (A)	60		
	Heating			62		
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 1,000 × 39.9		
	Fin pitch			1.40		
	Rows × Stages		3 × 14			
	Pipe type		Copper			
	Fin type		Aluminum			
Enclosure	Material		Steel			
	Color		—			
Dimensions (H × W × D)	Net			270 × 1,135 × 700		
	Gross			300 × 1,320 × 790		
Weight	Net			38		
	Gross			44		
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4 in.)		
		Gas		Ø 15.88 (Ø 5/8 in.)		
	Method			Flare		
Drain hose	Material		Steel			
	Size		mm			
Operation range	Cooling			°C	18 to 32	
				%RH	80 or less	
	Heating			°C	16 to 30	
Remote controller type			Wired [Wireless (option)]			

NOTES:

- 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.
 - Standard static pressure: 35 Pa.
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: Maximum current:
 - The maximum value when operated within the operation range.
 - The total current of indoor unit and outdoor unit.
- *2: Sound pressure level:
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.

Specifications for Lot10			
Model name		ARYG24LMLA	
Energy efficiency class	Cooling		A++
	Heating (Average)		A+
Pdesign	Cooling	kW	6.8 (35°C)
	Heating (Average)		6.0 (-10°C)
SEER	Cooling	kWh/kWh	6.20
SCOP	Heating (Average)		4.00
Annual energy consumption	QCE	kWh/a	384
	QHE (Average)		2,099