

1. Specifications

Type				Duct		
				Inverter heat pump		
Model name				ARXG22KMLA		
Power supply				230 V ~ 50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198—264 V		
Capacity	Cooling	Rated	kW	6.0		
			Btu/h	20,500		
		Min.—Max.	kW	0.9—6.7		
			Btu/h	3,100—22,900		
	Heating	Rated	kW	7.00		
			Btu/h	23,900		
Min.—Max.		kW	0.90—8.00			
		Btu/h	3,100—27,300			
Input power	Cooling	Rated	kW	1.78		
		Max.		2.90		
	Heating	Rated		1.87		
		Max.		2.90		
Current	Cooling	Rated	A	7.8		
	Heating			8.2		
Power factor	Cooling	%				
	Heating	99.2				
EER	Cooling	kW/kW				
COP	Heating	3.37				
Moisture removal			L/h (pints/h)	2.1 (3.7)		
Maximum operating current *1	Cooling	A				
	Heating	12.6				
Fan	Airflow rate	Cooling	HIGH	m ³ /h	1,100	
			MED		910	
			LOW		750	
			QUIET		580	
		Heating	HIGH		1,100	
			MED		910	
			LOW		750	
			QUIET		580	
	Type × Q'ty		Sirocco fan × 2			
	Motor output		W	106		
Recommended static pressure range			Pa	30 to 150		
Sound pressure level *2	Cooling	HIGH	dB (A)	31		
		MED		29		
		LOW		27		
		QUIET		25		
	Heating	HIGH		31		
		MED		29		
		LOW		27		
		QUIET		25		
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 1,000 × 39.9		
	Fin pitch			1.40		
	Rows × Stages			3 × 14		
	Pipe type			Copper tube		
Enclosure		Material		Aluminum		
		Color		Steel sheet		
Dimensions (H × W × D)	Net		mm	270 × 1,135 × 700		
	Gross			300 × 1,320 × 790		
Weight	Net		kg	35		
	Gross			43		
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)		
		Gas		Ø 12.70 (Ø 1/2)		
	Method			Flare		
Drain port	Material		Steel			
	Size		Ø 35.7 (I.D.), Ø 38.1 (O.D.)			
Operation range	Cooling	°C		18 to 32		
		%RH		80 or less		
	Heating	°C		16 to 30		
Remote control (Option)				Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™)		

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 operating current is the total current of the indoor unit and the 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.
- *3: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.

Specifications for ErP Lot10				
Model name			ARXG22KMLA	
Energy efficiency class	Cooling		A ⁺⁺	
	Heating (Average)		A ⁺	
Pdesign	Cooling	kW	6.00 (35°C)	
	Heating (Average)		4.80 (-10°C)	
SEER	Cooling		6.10	
SCOP	Heating (Average)		4.10	
Annual energy consumption	QCE		344	
	QHE (Average)		1,637	
Sound power level	Cooling	HIGH	dB (A)	60
	Heating			62