

1. Specifications

Type			Duct		
			Inverter heat pump		
Model name			ARXG45KHTA	ARXG54KHTA	
Power supply			230 V ~ 50 Hz		
Power supply intake			Outdoor unit		
Available voltage range			198—264 V		
Capacity	Cooling	Rated	kW	12.1	13.4
		Min.—Max.	Btu/h	41,300	45,700
			kW	4.0—14.0	5.0—14.5
	Heating	Rated	Btu/h	13,600—47,800	17,100—49,400
			kW	13.5	15.5
		Min.—Max.	kW	5.0—16.2	5.5—18.0
		Btu/h	17,100—55,300	18,800—61,400	
Input power	Cooling	Rated	kW	4.16	4.77
		Max.		5.22	5.59
	Heating	Rated		3.61	4.18
		Max.		5.07	5.67
Current	Cooling	Rated	A	18.2	20.9
	Heating	Rated	15.8	18.3	
Power factor	Cooling		%	99.2	99.3
	Heating		99.2	99.3	
EER	Cooling		kW/kW	2.91	2.81
COP	Heating		3.74	3.71	
Moisture removal			L/h (pints/h)	1.5 (2.6)	2.0 (3.5)
Maximum operating current*1		Cooling	A	28.5	
		Heating		28.5	
Fan	Airflow rate	Cooling	HIGH	m ³ /h	3,350
			MED		2,850
			LOW		2,430
		Heating	HIGH		3,350
			MED		2,850
			LOW		2,430
	Type × Q'ty		Sirocco fan × 2		
Motor output		W	490		
Static pressure range			Pa	100 to 250	
Sound pressure level*2	Cooling	HIGH	dB (A)	47	
		MED		43	
		LOW		40	
	Heating	HIGH		47	
		MED		43	
		LOW		40	
Heat exchanger type	Dimensions (H × W × D)		mm	336 × 890 × 53.2	
	Fin pitch			1.3	
	Rows × Stages			4 × 16	
	Pipe type			Copper	
	Fin type			Aluminum	
Enclosure	Material		Steel sheet		
	Color		—		
Dimensions (H × W × D)	Net		mm	400 × 1,050 × 500	
	Gross			460 × 1,230 × 640	
Weight	Net		kg	46	
	Gross			51	
Connection pipe	Size	Liquid	mm (in)	Ø9.52 (3/8)	
		Gas		Ø15.88 (5/8)	
	Method		Flare		
Operation range	Cooling	°C	18 to 32		
		%RH	80 or less		
	Heating	°C	16 to 30		
Drain port	Material		Steel		
	Size		mm	Ø23.4 (I.D.), Ø25.4 (O.D.)	
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.
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
 - Standard static pressure: 100 Pa
- 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.