

# 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 <sup>3</sup> /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.