

1. Specifications

Type				Duct		
				Inverter heat pump		
Model name				ARXG24KHTAP	ARXG30KHTAP	
Power supply				230 V ~ 50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198—264 V		
Capacity	Cooling	Rated	kW	6.8	8.5	
		Min.—Max.	Btu/h	23,200	29,000	
			kW	0.9—8.0	2.8—10.0	
	Heating	Rated	Btu/h	3,100—27,300	9,600—34,100	
			kW	7.5	10.0	
		Min.—Max.	kW	0.9—9.1	2.7—11.2	
Input power	Cooling	Rated	kW	1.89	2.65	
		Max.		2.94	3.83	
	Heating	Rated	1.85	2.63		
		Max.	2.57	4.37		
	Fan	HIGH	W	70	150	
				MED	40	100
				LOW	25	75
				QUIET	15	65
	Current	Cooling	Rated	A	8.3	11.7
		Heating			8.1	11.7
Power factor	Cooling		%	98.7	98.1	
	Heating			98.7	97.7	
EER	Cooling		kW/kW	3.60	3.21	
COP	Heating			4.06	3.80	
Moisture removal				L/h (pints/h)	1.8 (3.2)	2.3 (4.0)
Maximum operating current *1		Cooling	A	13.6	22.6	
		Heating		13.6	22.6	
Fan	Airflow rate	Cooling	m ³ /h	HIGH	1,360	1,700
				MED	1,080	1,360
				LOW	880	1,190
				QUIET	680	1,070
		Heating		HIGH	1,360	1,700
				MED	1,080	1,360
				LOW	880	1,190
				QUIET	680	1,070
	Type × Q'ty		Sirocco fan × 2			
	Motor output		W	197	375	
Static pressure range				Pa	30 to 200	
Sound pressure level *2		Cooling	dB (A)	HIGH	32	36
				MED	28	33
				LOW	24	30
				QUIET	21	29
		Heating		HIGH	32	36
				MED	28	33
				LOW	24	30
				QUIET	21	29
Sound power level		Cooling	dB (A)	57	63	
		Heating		57	65	
Heat exchanger type		Dimensions (H × W × D)		420 × 758 × 39.9		
		Fin pitch		1.4		
		Rows × Stages		3 × 20		
		Pipe type		Copper		
		Fin type		Aluminum		
Enclosure		Material		Steel sheet		
		Color		—		
Dimensions (H × W × D)		Net		300 × 1,000 × 700		
		Gross		400 × 1,238 × 875		
Weight		Net		36		
		Gross		43	44	
Connection pipe		Size	Liquid	Ø 6.35 (1/4)		
				Gas	Ø 9.52 (3/8)	
Method		Flare				
		Material		PVC		
Drain hose		Size		Ø 25 (I.D.), Ø 32 (O.D.)		
		Cooling		°C	18 to 32	
Operation range		Heating		%RH	80 or less	
		°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.
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
 - Standard static pressure; 24 type: 35 Pa, 30 type: 47 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.

Model name		ARXG24KHTAP	ARXG30KHTAP
Energy efficiency class	Cooling	A ⁺⁺	A ⁺⁺
	Heating (Average)	A ⁺	A ⁺
Pdesign	Cooling	6.8 (35°C)	8.5 (35°C)
	Heating (Average)	6.0 (-10°C)	8.0 (-10°C)
SEER	Cooling	6.50	6.23
SCOP	Heating (Average)	4.10	4.00
Annual energy consumption	QCE	366	477
	QHE (Average)	2,048	2,796