

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	kW	7.5	10.0	
		Min.—Max.	Btu/h	3,100—27,300	9,600—34,100	
			kW	0.9—9.1	2.7—11.2	
Input power	Cooling	Rated	kW	1.89	2.65	
		Max.	kW	2.94	3.83	
	Heating	Rated	kW	1.85	2.63	
		Max.	kW	2.57	4.37	
	Fan	HIGH	W	70	150	
		MED	W	40	100	
		LOW	W	25	75	
		QUIET	W	15	65	
	Current	Cooling	Rated	A	8.3	11.7
		Heating	Rated	A	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		kW/kW	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	A	13.6	22.6	
Fan	Airflow rate	Cooling	HIGH	m ³ /h	1,360	1,700
			MED	m ³ /h	1,080	1,360
			LOW	m ³ /h	880	1,190
			QUIET	m ³ /h	680	1,070
	Heating	HIGH	m ³ /h	1,360	1,700	
		MED	m ³ /h	1,080	1,360	
		LOW	m ³ /h	880	1,190	
		QUIET	m ³ /h	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	HIGH	dB (A)	32	36	
		MED	dB (A)	28	33	
		LOW	dB (A)	24	30	
		QUIET	dB (A)	21	29	
	Heating	HIGH	dB (A)	32	36	
		MED	dB (A)	28	33	
		LOW	dB (A)	24	30	
		QUIET	dB (A)	21	29	
Sound power level	Cooling	dB (A)	57	63		
	Heating	dB (A)	57	65		
Heat exchanger type	Dimensions (H × W × D)		mm	420 × 758 × 39.9		
	Fin pitch		mm	1.4		
	Rows × Stages			3 × 20		
	Pipe type			Copper		
	Fin type			Aluminum		
Enclosure	Material			Steel sheet		
	Color			—		
Dimensions (H × W × D)	Net		mm	300 × 1,000 × 700		
	Gross		mm	400 × 1,238 × 875		
Weight	Net		kg	36		
	Gross		kg	43	44	
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (1/4)	Ø 9.52 (3/8)	
		Gas	mm (in)	Ø 12.70 (1/2)	Ø 15.88 (5/8)	
	Method			Flare		
Drain hose	Material			PVC		
	Size		mm	Ø 25 (I.D.), Ø 32 (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.
 - 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