

Type				Duct					
				Inverter heat pump					
Model name				ARXG36KHTAP	ARXG45KHTAP	ARXG54KHTAP			
Power supply				230 V ~ 50 Hz					
Power supply intake				Outdoor unit					
Available voltage range				198—264 V					
Capacity	Cooling	Rated	kW	9.5	12.1	13.4			
		Min.—Max.	Btu/h	32,400	41,300	45,700			
			kW	2.8—11.2	4.0—14.0	4.5—14.5			
	Heating	Min.—Max.	Btu/h	9,600—38,200	13,600—47,800	15,400—49,500			
			kW	10.8	13.5	15.5			
		Rated	Btu/h	36,900	46,100	52,900			
Input power	Cooling	Rated	kW	2.86	3.53	4.42			
			Btu/h	9,200—43,300	14,300—55,300	16,000—56,300			
		Max.	kW	4.12	4.88	5.23			
	Heating	Rated	kW	2.48	3.37	3.89			
		Max.	kW	4.53	4.74	4.83			
	Fan	HIGH	MED	LOW	QUIET	W	150	225	225
							90	135	135
							60	90	90
							45	70	70
	Current	Cooling	Rated	A	12.6	15.5	19.4		
		Heating			11.0	14.8	17.1		
	Power factor	Cooling		%	98.4	98.8	99.0		
Heating		98.1			98.9	99.0			
EER	Cooling	kW/kW		3.32	3.43	3.03			
COP	Heating			4.35	4.01	3.98			
Moisture removal			L/h (pints/h)	2.0 (3.5)	2.6 (4.6)	3.7 (6.5)			
Maximum operating current *1		Cooling	A	22.6	28.5				
		Heating		22.6	28.5				
Fan	Airflow rate	Cooling	m ³ /h	HIGH	2,050	2,550			
				MED	1,640	2,040			
				LOW	1,330	1,650			
				QUIET	1,070	1,430			
		Heating		HIGH	1,850	2,550			
				MED	1,640	2,040			
				LOW	1,330	1,650			
				QUIET	1,070	1,430			
	Type × Q'ty		Sirocco fan × 3						
	Motor output		W	375					
Static pressure range			Pa	30 to 200					
Sound pressure level *2	Cooling	HIGH	dB (A)	36	39				
				MED	31	35			
				LOW	28	31			
				QUIET	26	29			
	Heating	HIGH		33	39				
				MED	31	35			
				LOW	28	31			
				QUIET	26	29			
Sound power level	Cooling	dB (A)	64	67					
	Heating		63	69					
Heat exchanger type	Dimensions (H × W × D)		mm	420 × 1,158 × 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		mm	300 × 1,400 × 700					
	Gross			400 × 1,638 × 875					
Weight	Net		kg	46					
	Gross			56					
Connection pipe	Size	Liquid	mm (in)	Ø 9.52 (3/8)					
		Gas		Ø 15.88 (5/8)					
Drain hose	Method			Flare					
	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; 36 type: 47 Pa, 45 and 54 types: 60 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		ARXG36KHTAP	
Energy efficiency class	Cooling		A ⁺⁺
	Heating (Average)		A ⁺
Pdesign	Cooling	kW	9.5 (35°C)
	Heating (Average)		8.7 (-10°C)
SEER	Cooling	kWh/kWh	6.10
SCOP	Heating (Average)		4.20
Annual energy consumption	QCE	kWh/a	544
	QHE (Average)		2,898