

1. Specifications

Type				Duct						
				Inverter heat pump						
Model name				ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP			
Power supply				230 V ~ 50 Hz						
Power supply intake				Outdoor unit						
Available voltage range				198—264 V						
Capacity	Cooling	Rated	kW	2.5	3.5	4.3	5.2			
			Btu/h	8,500	11,900	14,700	17,700			
		Min.—Max.	kW	0.90—2.70	0.90—3.70	0.90—4.50	0.90—5.40			
			Btu/h	3,100—9,200	3,100—12,600	3,100—15,300	3,100—18,400			
	Heating	Rated	kW	3.2	4.1	5.0	6.0			
			Btu/h	10,900	14,000	17,000	20,500			
		Min.—Max.	kW	0.90—3.90	0.90—4.40	0.90—5.30	0.90—6.30			
			Btu/h	3,100—13,300	3,100—15,000	3,100—18,000	3,100—21,400			
Input power	Cooling	Rated	kW	0.69	1.09	1.37	1.66			
				Max.	1.59	1.78	2.12	2.33		
	Heating	Rated		0.88	1.17	1.42	1.71			
				Max.	1.59	1.78	2.12	2.33		
Current	Cooling	Rated	A	3.4	5.2	6.4	7.6			
	Heating			4.4	5.8	6.6	7.9			
Power factor	Cooling		%	88.2	91.1	93.1	95.0			
	Heating			87.0	87.7	93.5	94.1			
EER	Cooling		kW/kW	3.62	3.21	3.14	3.13			
COP	Heating			3.64	3.50	3.52	3.51			
Moisture removal			L/h (pints/h)	0.7 (1.2)	1.3 (2.3)	1.5 (2.6)	2.0 (3.5)			
Maximum operating current *1		Cooling	A	6.9	7.7	9.2	10.1			
		Heating		6.9	7.7	9.2	10.1			
Fan	Airflow rate	Cooling	m³/h	HIGH	600	650	800	940		
				MED	550	600	700	880		
				LOW	500	550	600	820		
				QUIET	450	480		750		
		Heating		HIGH	600	650	800	940		
				MED	550	600	700	880		
				LOW	500	550	600	820		
				QUIET	450	480		750		
				Type × Q'ty			Sirocco fan × 2		Sirocco fan × 3	
				Motor output			W		81	
Recommended static pressure range			Pa		0 to 90					
Sound pressure level *2	Cooling	HIGH	dB (A)	28	29	32				
				MED	27	28	30			
				LOW	26		28	29		
				QUIET	25		26	27		
	Heating	HIGH		28	29	32				
				MED	26	28	30			
				LOW	25	26	28	29		
				QUIET	24		25	27		
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 500 × 39.9						
	Fin pitch			1.3						
	Rows × Stages		3 × 14							
	Pipe type		Copper tube							
	Fin type		Aluminum							
Enclosure	Material		Steel sheet							
	Color		—							
Dimensions (H × W × D)	Net		mm	198 × 700 × 620						
	Gross			276 × 968 × 772						
Weight	Net		kg	17						
	Gross			22						
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)						
		Gas		Ø 9.52 (Ø 3/8)		Ø 12.70 (Ø 1/2)				
	Method			Flare						
Drain hose	Material		PVC							
	Size		Ø 25 (I.D.), Ø 32 (O.D.)							
Operation range	Cooling			18 to 32						
				%RH 80 or less						
	Heating			16 to 30						
				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.
 - Standard static pressure: 25 Pa
 - Pipe length: 5.0 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- 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.

Specifications for ErP Lot10						
Model name			ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP
Energy efficiency class	Cooling		A ⁺			
	Heating (Average)		A			
Pdesign	Cooling	kW	2.5 (35°C)	3.5 (35°C)	4.3 (35°C)	5.2 (35°C)
	Heating (Average)		2.3 (-10°C)	2.8 (-10°C)	3.2 (-10°C)	3.8 (-10°C)
SEER	Cooling	kWh/kWh	5.90	5.80	5.60	5.80
SCOP	Heating (Average)		3.80			
Annual energy consumption	QCE	kWh/a	148	211	269	313
	QHE (Average)		847	1,031	1,177	1,398
Sound power level	Cooling	HIGH	dB (A)	57	58	60
	Heating			57	58	60