

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	HIGH	m³/h	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				294 × 700 × 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				198 × 900 × 620
	Gross			276 × 968 × 772				276 × 1,168 × 772
Weight	Net		kg	17				20
	Gross			22				26
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		mm	Ø 25 (I.D.), Ø 32 (O.D.)				
Operation range	Cooling		°C	18 to 32				
			%RH	80 or less				
Remote control (Option)	Heating		°C	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