

# 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	m <sup>3</sup> /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	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					
Weight	Net		kg	17		20		
	Gross		22					
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)				
		Gas		Ø 9.52 (Ø 3/8)				
Drain hose	Method		Flare					
	Material		PVC					
Operation range	Size		mm	Ø 25 (I.D.), Ø 32 (O.D.)				
	Cooling	°C		18 to 32				
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.
  - 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 <sup>+</sup>					
	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	58
	Heating			57	58	60	58