

# 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	480	750	
		Heating		HIGH	600	650	800	940	
				MED	550	600	700	880	
				LOW	500	550	600	820	
				QUIET	450	480	480	750	
	Type × Q'ty			Sirocco fan × 2					
	Motor output			W	81				
Recommended static pressure range			Pa	0 to 90					
Sound pressure level *2			Cooling	dB (A)	HIGH	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		198 × 900 × 620		
			Gross	276 × 968 × 772		276 × 1,168 × 772			
Weight			Net	kg	17		20		
			Gross	22		26			
Connection pipe			Size	Liquid Gas	mm (in)		Ø 6.35 (Ø 1/4)		
					Ø 9.52 (Ø 3/8)		Ø 12.70 (Ø 1/2)		
Method			Flare						
Material			PVC						
Drain hose			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.
  - 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