

# 1. Specifications

Type				Inverter heat pump				
Model name				ARXG24KMLA	ARXG30KMLA	ARXG36KMLA	ARXG45KMLA	
Power supply				230 V ~ 50 Hz				
Power supply intake				Outdoor unit				
Available voltage range				198—264 V				
Capacity	Cooling	Rated	kW	6.8	8.5	9.5	12.1	
		Min.—Max.	Btu/h	23,200	29,000	32,400	41,300	
			kW	0.9—8.0	2.8—10.0	2.8—11.2	4.0—13.0	
	Heating	Rated	Btu/h	3,100—27,300	9,600—34,100	9,600—38,200	13,600—44,400	
			kW	7.5	10.0	10.8	13.5	
		Min.—Max.	Btu/h	25,600	34,100	36,900	46,100	
			kW	0.9—9.1	2.7—11.2	2.7—12.7	4.2—15.2	
			Btu/h	3,100—31,000	9,200—38,200	9,200—43,300	14,300—51,900	
Input power	Cooling	Rated	kW	2.14	2.65	2.97	4.22	
		Max.		3.03	3.83	4.29	5.03	
	Heating	Rated		1.97	2.63	2.88	3.84	
		Max.		2.65	4.37	4.66	4.79	
Current	Cooling	Rated	A	9.4	11.7	13.1	18.6	
	Heating			8.7	11.7	12.8	16.9	
Power factor	Cooling		%	98.8	98.1	98.3	98.8	
	Heating			98.8	97.7	98.2	98.9	
EER	Cooling	kW/kW		3.18	3.21	3.20	2.87	
COP	Heating			3.80	3.75	3.52		
Moisture removal			L/h (pints/h)	2.5 (4.4)		3.0 (5.3)	4.0 (7.0)	
Maximum operating current *1	Cooling		A	13.6	22.6	22.6	28.5	
	Heating			13.6	22.6	22.6	28.5	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	HIGH	1,100	1,900	2,100	
				MED	910	1,620	1,750	
				LOW	750	1,270	1,350	
				QUIET	580	980	1,070	
		Heating		HIGH	1,100	2,100		
				MED	910	1,620	1,750	
				LOW	750	1,270	1,350	
				QUIET	580	980	1,070	
	Type × Q'ty	Sirocco × 2						
	Motor output	W		106	197			
Static pressure range			Pa	30 to 150				
Sound pressure level *2	Cooling	HIGH	dB (A)	31	39	42		
		MED		29	35	38		
		LOW		27	30	32		
		QUIET		25	26	28		
	Heating	HIGH		31	42	42		
		MED		29	35	38		
		LOW		27	30	32		
		QUIET		25	26	28		
Sound power level	Cooling	HIGH	dB (A)	60	65	68		
	Heating			62	69	70		
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 1,000 × 39.9			294 × 1,000 × 53.2	
	Fin pitch			1.40				
	Rows × Stages		3 × 14			4 × 14		
	Pipe type		Copper					
	Fin type		Aluminum					
Enclosure		Material		Steel sheet				
		Color		—				
Dimensions (H × W × D)	Net			270 × 1,135 × 700				
	Gross			300 × 1,320 × 790				
Weight	Net			35	38	39		
	Gross			43	45	47		
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (1/4)		Ø9.52 (3/8)		
		Gas		Ø12.70 (1/2)		Ø15.88 (5/8)		
Drain port	Method	Flare						
	Material	Steel						
Operation range	Size			Ø36 (I.D.), Ø38 (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; 24 type: 35 Pa, 30 and 36 types: 47 Pa, 45 type: 60 Pa
  - Pipe length: 5 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.

Model name		ARXG24KMLA	ARXG30KMLA	ARXG36KMLA
Energy efficiency class	Cooling	A <sup>++</sup>	A <sup>++</sup>	A <sup>++</sup>
	Heating (Average)	A <sup>+</sup>	A <sup>+</sup>	A <sup>+</sup>
Pdesign	Cooling	6.8 (35°C)	8.5 (35°C)	9.5 (35°C)
	Heating (Average)	6.0 (-10°C)	8.0 (-10°C)	8.7 (-10°C)
SEER	Cooling	6.20	6.23	6.10
SCOP	Heating (Average)	4.10	4.00	4.00
Annual energy consumption	QCE	384	477	545
	QHE (Average)	2,045	2,797	3,044