

1. Specifications

Type				Cassette				
				Inverter heat pump				
Model name				AUXG09KVLA	AUXG12KVLA	AUXG14KVLA		
Power supply				230 V ~ 50 Hz				
Power supply intake				Outdoor unit				
Available voltage range				198—264 V				
Capacity	Cooling	Rated	kW	2.50	3.50	4.30		
			Btu/h	8,500	11,900	14,700		
		Min.—Max.	kW	0.90—2.70	0.90—3.70	0.90—4.50		
	Heating	Rated	Btu/h	3,100—9,200	3,100—12,600	3,100—15,300		
			kW	3.20	4.10	5.00		
		Min.—Max.	Btu/h	10,900	13,400	17,000		
Input power	Cooling	Rated	kW	0.68	1.09	1.37		
			Max.	1.59	1.78	2.12		
		Heating	Rated	0.88	1.17	1.42		
	Current	Cooling	Rated	A	3.4	5.2	6.4	
				Heating	4.4	5.8	6.6	
		Power factor	Cooling		%	87.0	91.1	93.1
EER	Cooling			87.0	87.7	93.5		
	Heating			3.68	3.21	3.14		
COP	Cooling			3.64	3.50	3.52		
	Heating							
Moisture removal				L/h (pints/h)	0.6 (1.1)	1.2 (2.1)	1.5 (2.6)	
Maximum operating current *1				Cooling	A	6.9	7.7	9.2
				Heating		6.9	7.7	9.2
Fan	Airflow rate	Cooling	HIGH	540	600	680		
			MED	490	530	580		
			LOW	440	470	490		
			QUIET	390	410	410		
		Heating	HIGH	540	600	800		
			MED	490	530	680		
			LOW	440	470	580		
			QUIET	390	410	450		
	Type × Q'ty				Turbo × 1			
	Motor output				W	54		
Sound pressure level *2				Cooling	HIGH	33	37	38
					MED	31	34	34
					LOW	29	30	30
					QUIET	27	27	27
				Heating	HIGH	34	37	43
					MED	32	34	38
					LOW	29	31	34
					QUIET	27	29	30
Heat exchanger type				Dimensions (H × W × D)	Main 1: 210 × 1,310 × 13.3			
					Main 2: 210 × 1,250 × 13.3			
				Fin pitch	Main 1: 1.2			
					Main 2: 1.2			
				Rows × Stages	Main 1: 1 × 10			
				Pipe type	Main 2: 1 × 10			
Fin type	Copper tube							
Dimensions (H × W × D)	Net	mm	245 × 570 × 570					
	Gross		265 × 730 × 625					
Weight	Net	kg	15					
	Gross		19					
Connection pipe	Size	mm (in)	Ø 6.35 (Ø 1/4)					
	Method		Ø 9.52 (Ø 3/8)					
Operation range	Cooling	°C	Flare					
		%RH	18 to 32					
	Heating	°C	80 or less					
Cassette grille (Grid type: Option)	Material	Polystyrene						
	Color	White						
	Dimensions (H × W × D)	Net	Approximate color of Munsell 9PB 9.1/0.2					
		Gross	49 × 620 × 620					
	Weight	Net	120 × 765 × 755					
Gross		2.3						
Remote control (Option)				Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™)				
Drain hose	Material	PVC						
	Size	mm	VP25 [Ø 25 (I.D.), Ø 32 (O.D.)]					

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.
 - 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		AUXG09KVLA		AUXG12KVLA	AUXG14KVLA	
Energy efficiency class	Cooling	A ⁺⁺				
	Heating (Average)	A ⁺				
Pdesign	Cooling	kW	2.5 (35°C)	3.5 (35°C)	4.3 (35°C)	
	Heating (Average)		2.3 (-10°C)	2.8 (-10°C)	3.2 (-10°C)	
SEER	Cooling	kWh/kWh	6.20	6.10	6.10	
SCOP	Heating (Average)		4.00	4.00	4.00	
Annual energy consumption	QCE	kWh/a	141	201	247	
	QHE (Average)		804	979	1,120	
Sound power level	Cooling	HIGH	dB (A)	46	49	50
	Heating			47	49	55