

# 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	
				kW	0.90—3.90	0.90—4.40	0.90—5.30
				Btu/h	3,100—13,300	3,100—15,000	3,100—18,000
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		
			Max.	1.59	1.78	2.12	
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	
	Heating			87.0	87.7	93.5	
EER	Cooling			3.68	3.21	3.14	
COP	Heating			3.64	3.50	3.52	
Moisture removal				L/h (pints/h)	0.6 (1.1)	1.2 (2.1)	1.5 (2.6)
Maximum operating current *1	Cooling			6.9	7.7	9.2	
	Heating			6.9	7.7	9.2	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	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		dB (A)	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)		mm	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			
				Main 2: 1 × 10			
Pipe type				Copper tube			
Fin type				Aluminum			
Dimensions (H × W × D)	Net		mm	245 × 570 × 570			
	Gross			265 × 730 × 625			
Weight	Net		kg	15			
	Gross			19			
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)			
		Gas		Ø 9.52 (Ø 3/8)			
Method				Flare			
Operation range	Cooling			°C			
				18 to 32			
				%RH			
				80 or less			
Heating				°C			
				16 to 30			
Cassette grille (Grid type: Option)	Material				Polystyrene		
	Color				White		
					Approximate color of Munsell 9PB 9.1/0.2		
	Dimensions (H × W × D)	Net	mm	49 × 620 × 620			
Gross		120 × 765 × 755					
Weight	Net	kg	2.3				
	Gross		4.5				
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.)]		
<b>NOTES:</b>							
<ul style="list-style-type: none"> <li>Specifications are based on the following conditions: <ul style="list-style-type: none"> <li>Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.</li> <li>Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.</li> <li>Pipe length: 5.0 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)</li> </ul> </li> <li>Protective function might work when using it outside the operation range.</li> <li>*1: Maximum operating current is the total current of the indoor unit and the outdoor unit.</li> <li>*2: Sound pressure level: <ul style="list-style-type: none"> <li>Measured values in manufacturer's anechoic chamber.</li> <li>Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.</li> </ul> </li> <li>*3: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.</li> </ul>							

Specifications for ErP Lot10					
Model name		AUXG09KVLA		AUXG12KVLA	AUXG14KVLA
Energy efficiency class	Cooling				A <sup>++</sup>
	Heating (Average)				A <sup>+</sup>
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
	Heating			47	49