

1. Specifications

Type				Floor type			
				Inverter heat pump			
Model name				AGYG09KVCA	AGYG12KVCA	AGYG14KVCA	
Power supply				230 V ~ 50 Hz			
Available voltage range				198—264 V			
Capacity	Cooling	Rated	kW	2.50	3.50	4.20	
			Btu/h	8,500	11,900	14,300	
		Min.—Max.	kW	0.9—3.5	0.9—4.0	0.9—5.2	
			Btu/h	3,100—11,900	3,100—13,700	3,100—17,700	
	Heating	Rated	kW	3.50	4.50	5.20	
			Btu/h	11,900	15,400	17,700	
		Min.—Max.	kW	0.9—5.1	0.9—5.3	0.9—6.3	
			Btu/h	3,100—17,400	3,100—18,100	3,100—21,500	
Input power	Cooling	Rated	kW	0.53	0.88	1.06	
		Max.		1.29	1.29	2.11	
	Heating	Rated		0.81	1.22	1.41	
		Max.		1.64	1.64	1.98	
Current	Cooling	Rated	A	2.9	4.3	4.7	
	Heating			4.1	5.7	6.2	
EER	Cooling	kW/kW		4.70	4.00	3.95	
COP	Heating			4.30	3.70	3.70	
Power factor	Cooling	%		79.5	88.5	98.1	
	Heating			85.9	93.1	98.9	
Moisture removal			L/h (pints/h)	1.3 (2.3)	1.8 (3.2)	2.1 (3.7)	
Maximum operating current *1		Cooling	A	7	7	11	
		Heating		8.5	8.5	12	
Fan	Airflow rate	Cooling	m³/h	HIGH	570	570	650
				MED	460	460	520
				LOW	360	360	400
				QUIET	270	270	270
		Heating		HIGH	600	600	650
				MED	480	480	520
				LOW	370	370	390
				QUIET	270	270	270
	Type × Q'ty		Cross flow fan × 2				
	Motor output		W	16 × 2			
Sound pressure level *2	Cooling	dB (A)	HIGH	40	40	44	
			MED	35	35	38	
			LOW	29	29	31	
			QUIET	22	22	22	
	Heating		HIGH	41	41	43	
			MED	35	35	37	
			LOW	29	29	29	
			QUIET	22	22	22	
Heat exchanger type	Dimensions (H × W × D)		mm	378 × 550 × 26.6			
	Fin pitch			1.2			
	Rows × Stages			2 × 18			
	Pipe type			Copper tube			
Enclosure	Fin type		Aluminium				
	Material		Polystyrene				
	Color		White				
	Dimensions (H × W × D)	Net	mm	600 × 740 × 200			
Gross		700 × 820 × 310					
Weight	Net	kg	14				
	Gross		18				
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)			
		Gas		Ø 9.52 (Ø 3/8)			
Drain hose	Method		Flare				
	Material		PP + LLDPE				
Operation range	Size		mm	Ø 13.8 (I.D.), Ø 15.8 to Ø 16.7 (O.D.)			
	Cooling			18 to 32			
				80 or less			
Remote controller type	Heating				30 or less		
					Wireless (Wired, Mobile app*3 [FGLair™] [option])		

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 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: Maximum current is maximum value when operated within the operation range.
- *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.