

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	kW	Rated	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	A	Rated	2.9	4.3	4.7		
	Heating		4.1	5.7	6.2			
EER	Cooling	kW/kW	Rated	4.70	4.00	3.95		
COP	Heating		4.30	3.70	3.70			
Power factor	Cooling	%	Rated	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	Rated	7	11		
		Heating		8.5	8.5	12		
Fan	Airflow rate	Cooling	m ³ /h	HIGH	570	650		
				MED	460	520		
				LOW	360	400		
				QUIET	270	270		
		Heating		HIGH	600	650		
				MED	480	520		
				LOW	370	390		
				QUIET	270	270		
	Type × Q'ty		Cross flow fan × 2					
	Motor output		W 16 × 2					
Sound pressure level *2	Cooling	dB (A)	HIGH	40	44			
			MED	35	38			
			LOW	29	31			
			QUIET	22	22			
	Heating		HIGH	41	43			
			MED	35	37			
			LOW	29	29			
			QUIET	22	22			
			Dimensions (H × W × D)		mm	378 × 550 × 26.6		
			Fin pitch			1.2		
Rows × Stages		2 × 18						
Pipe type		Copper tube						
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	Ø 6.35 (Ø 1/4)					
		Gas	Ø 9.52 (Ø 3/8)					
	Method	Flare						
Drain hose	Material	PP + LLDPE						
	Size	mm	Ø 13.8 (I.D.), Ø 15.8 to Ø 16.7 (O.D.)					
Operation range	Cooling	°C	18 to 32					
		%RH	80 or less					
Remote controller type	Heating	°C	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.