

3. SPECIFICATIONS

Type				FLOOR TYPE			
				INVERTER HEAT PUMP			
Model name				AG*G09LVCA	AG*G12LVCA	AG*G14LVCA	
Power source				230 V~ 50 Hz			
Available voltage range				198-264V			
Capacity	Cooling	Rated	kW	2.60	3.50	4.20	
			Btu/h	8,900	11,900	14,300	
		Min.-Max.	kW	0.9-3.5	0.9-4.0	0.9-5.0	
	Heating		Btu/h	3,100-11,900	3,100-13,600	3,100-17,100	
		Rated	kW	3.50	4.50	5.20	
			Btu/h	11,900	15,400	17,700	
	Min.-Max.	kW	0.9-5.5	0.9-6.6	0.9-8.0		
		Btu/h	3,100-18,800	3,100-22,500	3,100-27,300		
Input power	Cooling	Rated	kW	0.53	0.94	1.14	
		Min.-Max.		0.25-1.35	0.25-1.40	0.25-1.90	
	Heating	Rated		0.79	1.19	1.44	
		Min.-Max.		0.25-2.10	0.25-2.15	0.25-2.95	
Current	Cooling	Rated	A	2.6	4.4	5.2	
	Heating	Rated		3.8	5.5	6.4	
EER	Cooling		kW/kW	4.91	3.72	3.68	
COP	Heating			4.43	3.78	3.61	
Sensible capacity	Cooling		kW	2.33	2.66	3.15	
Power factor	Cooling		%	90	93	96	
	Heating			90	94	98	
Moisture removal			l/h (pints/h)	1.3 (2.3)	1.8 (3.2)	2.1 (3.7)	
Maximum operating current *	Cooling	Max.	A	7.0	7.0	9.0	
	Heating				10.0	10.0	13.5
Fan	Airflow rate	Cooling (UPPER : LOWER)	High	570	570	650	
			Med	460	460	520	
			Low	360	360	400	
			Quiet	270	270	270	
		Heating (UPPER : LOWER)	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	16 × 2	16 × 2	
Sound pressure level	Cooling	High	dB (A)	40	40	44	
		Med		35	35	38	
		Low		29	29	31	
		Quiet		22	22	22	
	Heating	High		40	40	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				
	Fin type		Aluminium				
Enclosure	Material		Polystyrene				
	Colour		White				
Dimensions (H × W × D)	Net	mm	600 × 740 × 200				
	Gross		700 × 820 × 310				
Weight	Net	kg	14				
	Gross		17				
Connection pipe	Size	Liquid	mm	Ø 6.35 (Ø 1/4 in.)			
		Gas		Ø 9.52 (Ø 3/8 in.)	Ø 12.70 (Ø 1/2 in.)		
	Method			Flare			
Operation range	Cooling	°C	18 to 32				
		%RH	80 or less				
	Heating	°C	30 or less				
Remote controller type			Wireless				
Drain hose	Material		PP + LLDPE				
	Size	mm	Ø 13.8 (I.D.), Ø 15.8 to Ø 16.7 (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 m, Height difference : 0 m (Outdoor unit-Indoor unit)
- The protective function might work when using it in environment out of the temperature range mentioned above.
- * : The maximum current is the maximum value when operated within the operation range.