

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.