

1. Specifications

Type				Wall mounted				
				Inverter heat pump				
Model name				ASYG07KMTA	ASYG09KMTA	ASYG12KMTA	ASYG14KMTA	
Power supply				230 V ~ 50 Hz				
Available voltage range				198—264 V				
Capacity	Cooling	Rated	kW	2.00	2.50	3.40	4.20	
			Btu/h	6,800	8,500	11,600	14,300	
		Min.—Max.	kW	0.9—3.0	0.9—3.2	0.9—3.9	0.9—4.4	
			Btu/h	3,100—10,200	3,100—10,900	3,100—13,300	3,100—15,000	
	Heating	Rated	kW	2.50	2.80	4.00	5.40	
			Btu/h	8,500	9,500	13,600	18,400	
		Min.—Max.	kW	0.9—3.4	0.9—4.0	0.9—5.3	0.9—6.0	
			Btu/h	3,100—11,600	3,100—13,600	3,100—18,000	3,100—20,500	
Input power	Cooling	Rated	kW	0.450	0.630	0.935	1.220	
				Min.—Max.	0.25—1.17	0.25—1.21	0.25—1.27	0.25—1.40
	Heating	Rated	kW	0.555	0.620	0.960	1.410	
				Min.—Max.	0.25—1.21	0.25—1.26	0.25—1.52	0.25—1.73
	Fan	HIGH	W	22.1	26.5	26.5	33.6	
				MED	15.1	16.0	16.0	20.0
				LOW	10.0	10.0	10.0	11.8
				QUIET	6.4	6.4	6.4	7.1
Current	Cooling	Rated	A	2.6	3.4	4.8	5.8	
				Heating	3.0	3.4	5.1	6.8
EER	Cooling		kW/kW	4.43	3.97	3.65	3.44	
COP	Heating		kW/kW	4.52	4.52	4.17	3.83	
Sensible capacity	Cooling		kW	1.2	1.6	2.2	3.2	
Power factor	Cooling		%	75	81	88	88	
	Heating		%	80	79	87	87	
Moisture removal			L/h (pints/h)	1.0 (1.76)	1.3 (2.29)	1.8 (3.17)	2.1 (3.70)	
Maximum operating current *1	Cooling		A	6.5	6.5	6.5	6.5	
	Heating			9.0	9.0	9.0	9.0	
Fan	Airflow rate	Cooling	HIGH	650	700	700	770	
			MED	540	560	560	600	
			LOW	430	430	430	450	
			QUIET	270	270	270	280	
		Heating	HIGH	720	750	770	800	
			MED	580	610	640	660	
			LOW	460	470	520	520	
			QUIET	330	330	330	340	
	Type × Q'ty		Cross flow fan × 1					
	Motor output		W	22	24	27	30	
	Sound pressure level *2	Cooling	HIGH	dB (A)	38	40	40	43
					MED	33	34	35
LOW					29	29	30	30
QUIET					20	20	20	20
Heating		HIGH	dB (A)	41	42	42	44	
				MED	35	36	38	39
				LOW	31	31	33	33
				QUIET	22	22	22	24
Heat exchanger type	Dimensions (H × W × D)		mm	Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20			Main1: 210 × 670 × 26.6 Main2: 112 × 670 × 20 Sub: 84 × 670 × 13.3	
	Fin pitch			Man1: 1.2, Main2: 1.1			Man1: 1.2, Main2: 1.1, Sub: 1.4	
	Rows × Stages		Main1: 2 × 10, Main2: 2 × 7			Main1: 2 × 10, Main2: 2 × 7, Sub: 1 × 4		
	Pipe type		Copper tube					
	Fin type		Aluminum					
	Material		Polystyrene					
Enclosure	Color		White + Pearl white (painted) Approximate color of Munsell N 9.25/					
Dimensions (H × W × D)	Net	mm	270 × 834 × 222					
	Gross		277 × 914 × 332					
Weight	Net	kg	10.0					
	Gross		12.5			13.0		
Connection pipe	Size	Liquid	mm (in)	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				
	Heating		%RH	80 or less				
			°C	16 to 30				
Remote controller type			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.

Specifications for Lot10							
Model name		ASYG07KMTA	ASYG09KMTA	ASYG12KMTA	ASYG14KMTA		
Energy efficiency class	Cooling	A ⁺⁺					
	Heating (Average)	A ⁺					
Pdesign	Cooling	kW	2.0 (35 °C)	2.5 (35 °C)	3.4 (35 °C)	4.2 (35 °C)	
	Heating (Average)		2.3 (-10 °C)	2.4 (-10 °C)	2.5 (-10 °C)	4.0 (-10 °C)	
SEER	Cooling	kWh/kWh	7.4	7.4	7.3	6.9	
SCOP	Heating (Average)		4.1	4.1	4.4	4.1	
Annual energy consumption	QCE	kWh/a	95	118	163	213	
	QHE (Average)		785	819	795	1,367	
Sound power level	Cooling	HIGH	dB (A)	54	55	55	57
	Heating			56	57	58	59