

# 1. Specifications

Type				Wall mounted					
				Inverter heat pump					
Model name				ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC		
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	6.4	11.8	
				QUIET	6.4	6.4	4.8	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 (1.8)	1.3 (2.3)	1.8 (3.2)	2.1 (3.7)		
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	m <sup>3</sup> /h	HIGH	650	700	700	770	
				MED	540	560	560	600	
				LOW	430	430	430	450	
				QUIET	270	270	270	280	
		Heating	HIGH	720	750	780	820		
			MED	580	610	640	660		
			LOW	460	470	520	520		
			QUIET	330	330	330	340		
	Type × Q'ty	Crossflow fan × 1							
	Motor output	W		27					
Sound pressure level *2	Cooling	HIGH	dB (A)	38	40	40	43		
				MED	33	34	35	36	
				LOW	29	29	30	30	
				QUIET	20	20	20	20	
	Heating	HIGH	41	42	42	44			
			MED	35	36	38	39		
			LOW	31	31	33	33		
			QUIET	22	22	22	24		
			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							
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	Ø 6.35 (Ø 1/4)						
		Gas	Ø 9.52 (Ø 3/8)						
	Method	Flare							
Drain hose	Material		PP+LLDPE						
	Tip diameter		Ø 11.8 (I.D.), Ø 15.0 to Ø 16.8 (O.D.)						
Operation range	Cooling	°C	18 to 32						
		%RH	80 or less						
Remote controller type	Heating	°C	16 to 30						
		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		ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC		
Energy efficiency class	Cooling	A <sup>++</sup>					
	Heating (Average)	A <sup>+</sup>					
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