

1. Specifications

Type			Wall mounted					
			Inverter heat pump					
Model name			ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B		
Power supply			230 V ~ 50 Hz					
Available voltage range			198—264 V					
Capacity	Cooling	Rated	kW	2.00	2.50	3.40	4.20	
		Min.—Max.	Btu/h	6,800	8,500	11,600	14,300	
			kW	0.9—3.0	0.9—3.2	0.9—3.9	0.9—4.4	
	Heating	Rated	Btu/h	3,100—10,200	3,100—10,900	3,100—13,300	3,100—15,000	
			kW	2.50	2.80	4.00	5.40	
		Min.—Max.	Btu/h	8,500	9,500	13,600	18,400	
Input power	Cooling	Rated	kW	0.450	0.630	0.935	1.220	
				0.25—1.17	0.25—1.21	0.25—1.27	0.25—1.40	
		Min.—Max.	0.555	0.620	0.960	1.410		
	Heating	Rated	kW	0.25—1.21	0.25—1.26	0.25—1.52	0.25—1.73	
				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		
			15.1	16.0	16.0	20.0		
			10.0	10.0	10.0	11.8		
			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			4.43	3.97	3.65	3.44	
COP	Heating			4.52	4.52	4.17	3.83	
Sensible capacity	Cooling			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 (1.80)	1.3 (2.30)	1.8 (3.20)	2.1 (3.70)	
Maximum operating current *1	Cooling			6.5	6.5	6.5	6.5	
	Heating			9.0	9.0	9.0	9.0	
Fan	Airflow rate	Cooling	m ³ /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	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	dB (A)	HIGH	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		
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			Main1: 1.2, Main2: 1.1			Main1: 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				
Enclosure	Material		Polystyrene					
	Color		KETA; White + Pearl white (painted) Approximate color of Munsell N 9.25/ KETA-B; Dark Gray + Silver (painted) Approximate color of Munsell 0.5P 3.5/0.2					
Dimensions (H × W × D)	Net			295 × 950 × 230				
	Gross			284 × 1,027 × 357				
Weight	Net			11.0				
	Gross			14.5				
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)				
		Gas		Ø 9.52 (Ø 3/8)				
Drain hose	Method		Flare					
	Material		PP+HDPE					
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		ASYG07KETA ASYG07KETA-B	ASYG09KETA ASYG09KETA-B	ASYG12KETA ASYG12KETA-B	ASYG14KETA ASYG14KETA-B		
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