

1. Specifications

Type				Wall mounted						
				Inverter heat pump						
Model name				ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA			
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—3.2	0.9—3.4	0.9—4.1	0.9—4.5			
			Btu/h	3,100—10,900	3,100—11,600	3,100—14,000	3,100—15,400			
	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—5.2	0.9—5.4	0.9—6.1	0.9—6.4			
			Btu/h	3,100—17,700	3,100—18,400	3,100—20,800	3,100—21,800			
Input power	Cooling	Rated	kW	0.400	0.555	0.805	1.175			
				Min.—Max.	0.25—0.95	0.25—1.04	0.25—1.29	0.25—1.46		
	Heating	Rated	kW	0.500	0.560	0.910	1.350			
				Min.—Max.	0.25—1.58	0.25—1.72	0.25—1.89	0.25—2.06		
	Fan	HIGH	W	22.9	26.9	26.6	32.5			
				MED	15.8	16.9	17.3	19.6		
				LOW	10.8	10.8	11.8	12.5		
				QUIET	7.6	7.6	9.0	9.1		
	Current	Cooling	Rated	A	2.3	3.0	4.3	5.3		
					Heating	2.8	3.5	4.8	6.4	
EER	Cooling	kW/kW		5.00	4.50	4.22	3.57			
COP	Heating	kW/kW		5.00	5.00	4.40	4.00			
Sensible capacity	Cooling	kW		1.2	1.6	2.2	3.2			
Power factor	Cooling	%		76	80	81	96			
	Heating	%		78	70	82	92			
Moisture removal	L/h (pints/h)			1.0 (1.76)	1.3 (2.288)	1.8 (3.168)	2.1 (3.696)			
Maximum operating current *1	Cooling	A		6.5	6.5	9.0	9.0			
	Heating	A		9.0	9.0	9.0	10.5			
Fan	Airflow rate	Cooling	HIGH	650	700	700	770			
			MED	540	560	560	600			
			LOW	430	430	430	450			
			QUIET	270	270	250	280			
		Heating	HIGH	720	750	770	800			
			MED	580	610	640	660			
			LOW	460	470	520	520			
			QUIET	330	330	310	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	36		
				LOW	29	29	30	30		
				QUIET	19	19	19	20		
	Heating	HIGH	dB (A)	41	42	42	44			
				MED	35	36	38	39		
				LOW	31	31	33	33		
				QUIET	21	21	21	24		
				Heat exchanger type	Dimensions (H × W × D)	mm	Main1: 210 × 670 × 26.6		Main1: 210 × 670 × 26.6	
							Main2: 112 × 670 × 20		Main2: 112 × 670 × 20	
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									
Enclosure	Material	Polystyrene								
	Color	White + Pearl white (painted) Approximate color of Munsell N 9.25/								
Dimensions (H × W × D)	Net	mm		270 × 834 × 215						
	Gross	mm		277 × 914 × 332						
Weight	Net	kg		10.0						
	Gross	kg		12.5		13.0				
Connection pipe	Size	Liquid	mm (in)		Ø 6.35 (Ø 1/4)					
		Gas	mm (in)		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						
		%RH		80 or less						
	Heating	°C		16 to 30						
Remote controller type	Wireless (Wired, Mobile app*3 [FGLair™] [option])									
NOTES:										
<ul style="list-style-type: none"> Specifications are based on the following conditions: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. 										

Model name			ASYG07KGTA	ASYG09KGTA	ASYG12KGTA	ASYG14KGTA	
Energy efficiency class	Cooling		A+++			A++	
	Heating (Average)		A+++			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	8.52	8.52	8.51	7.11	
SCOP	Heating (Average)		5.12	5.11	5.10	4.31	
Annual energy consumption	QCE	kWh/a	82	103	140	207	
	QHE (Average)		628	658	685	1,298	
Sound power level	Cooling	HIGH	dB (A)	54	55	56	57
	Heating			56	57	58	59