

1. Specifications

Type				Wall mounted			
				Inverter heat pump			
Model name				ASYG18KLCA	ASYG24KLCA		
Power supply				230 V ~ 50 Hz			
Available voltage range				198—264 V			
Capacity	Cooling	Rated	kW	5.20	7.10		
			Btu/h	17,700	24,200		
		Min.—Max.	kW	0.9—5.5	0.9—7.7		
			Btu/h	3,000—18,700	3,000—26,200		
	Heating	Rated	kW	6.30	8.00		
			Btu/h	21,400	27,200		
		Min.—Max.	kW	0.6—7.6	0.9—9.0		
			Btu/h	2,000—25,900	3,000—30,700		
Input power	Cooling	Rated	kW	1.685	2.42		
				Min.—Max.	0.14—2.09	0.18—2.74	
	Heating	Rated	kW	1.800	2.225		
				Min.—Max.	0.10—1.93	0.15—2.66	
	Fan	HIGH	W	32	57		
				MED	25	34	
				LOW	16	17	
				QUIET	10	10	
	Current	Cooling	Rated	A	7.5	10.9	
					Heating	8.0	10.4
EER	Cooling	kW/kW		3.09	2.93		
COP	Heating	kW/kW		3.50	3.60		
Sensible capacity	Cooling	kW		3.93	4.92		
Power factor	Cooling	%		98.0			
	Heating	%		98.0			
Moisture removal			L/h (pints/h)	1.9 (3.3)	3.1 (5.5)		
Maximum operating current *1		Cooling	A	9.5	13.5		
		Heating		13.5	17.5		
Fan	Airflow rate	Cooling	m ³ /h	HIGH	865	1,040	
				MED	780	880	
				LOW	665	685	
				QUIET	555	555	
		Heating	HIGH	995	1,040		
			MED	810			
			LOW	700	695		
			QUIET	590	585		
	Type × Q'ty		Crossflow fan × 1				
	Motor output		W		61		
Sound pressure level *2		Cooling	dB (A)	HIGH	47	51	
				MED	44	45	
				LOW	40	38	
				QUIET	35	33	
		Heating	HIGH	50	52		
			MED	45	45		
			LOW	41	41		
			QUIET	37	37		
			Dimensions (H × W × D)		mm	Main: 384 × 630 × 20.0	Main: 384 × 630 × 20.0
						Sub: 126 × 630 × 13.30	Sub1: 84 × 630 × 13.30
Fin pitch		Man: 1.1, Sub: 1.4		Man: 1.1, Sub1: 1.4, Sub2: 1.4			
Rows × Stages		Main: 2 × 24, Sub: 1 × 6		Main: 2 × 24, Sub1: 1 × 4, Sub2: 1 × 6			
Pipe type		Copper tube					
Fin type		Aluminum					
Enclosure		Material					
		Polystyrene					
Dimensions (H × W × D)		Color					
		White Approximate color of Munsell N 9.25/					
Net		mm		293 × 790 × 249			
Gross		mm		320 × 840 × 375			
Weight		Net		9.5	10.0		
		Gross		12.0	12.5		
Connection pipe		Size	Liquid	mm (in)			
				Gas	Ø 6.35 (Ø 1/4)	Ø 6.35 (Ø 1/4)	
Method		Ø 9.52 (Ø 3/8)					
Drain hose		Material					
		PP+HDPE					
Tip diameter		mm					
Operation range		Cooling	°C		18 to 32		
			%RH		80 or less		
		Heating	°C		16 to 30		
Remote controller type				Wireless			

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.

Specifications for ErP Lot10					
Model name		ASYG18KLCA		ASYG24KLCA	
Energy efficiency class	Cooling			A ⁺⁺	
	Heating (Average)			A ⁺	
Pdesign	Cooling	kW	5.2 (35 °C)	7.1 (35 °C)	
	Heating (Average)		4.8 (-10 °C)	7.1 (-10 °C)	
SEER	Cooling	kWh/kWh	7.20	7.10	
SCOP	Heating (Average)		4.30	4.00	
Annual energy consumption	QCE	kWh/a	253	350	
	QHE (Average)		1,563	2,485	
Sound power level	Cooling	HIGH	dB (A)	60	64
	Heating			65	65