

1. Specifications

Type				Wall mounted		
				Inverter heat pump		
Model name				ASEG18KLCA	ASEG24KLCA	
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	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
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			A	13.5	17.5
Fan	Airflow rate	Cooling	m ³ /h	HIGH	865	1,040
				MED	780	880
				LOW	665	685
				QUIET	555	555
				QUIET	995	1,040
		Heating	m ³ /h	HIGH	810	
				MED	700	695
				LOW	590	585
				QUIET		
				QUIET		
Type × Q'ty			Crossflow fan × 1			
Motor output			W			
Sound pressure level *2	Cooling	dB (A)	HIGH	47	51	
			MED	44	45	
			LOW	40	38	
			QUIET	35	33	
			QUIET	50	52	
	Heating	dB (A)	HIGH	45	45	
			MED	41	41	
			LOW	37	37	
			QUIET			
			QUIET			
Heat exchanger type	Dimensions (H × W × D)		mm	Main: 384 × 630 × 20.0 Sub: 126 × 630 × 13.30	Main: 384 × 630 × 20.0 Sub1: 84 × 630 × 13.30 Sub2: 126 × 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			
	Material		Polystyrene			
Enclosure	Color		White Approximate color of Munsell N 9.25/			
	Dimensions (H × W × D)		mm			
Weight	Net		293 × 790 × 249			
	Gross		320 × 840 × 375			
Connection pipe	Net		9.5	10.0		
	Gross		12.0	12.5		
Drain hose	Size		mm (in)			
	Liquid		Ø 6.35 (Ø 1/4)	Ø 6.35 (Ø 1/4)		
Operation range	Gas		Ø 9.52 (Ø 3/8)	Ø 12.70 (Ø 1/2)		
	Method		Flare			
Remote controller type	Material		PP+HDPE			
	Tip diameter		mm			
Operation range	Cooling		°C			
	Heating		%RH			
Remote controller type	Cooling		18 to 32			
	Heating		80 or less			
Remote controller type	Cooling		°C			
	Heating		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		ASEG18KLCA		ASEG24KLCA
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
	Heating			65