

1. Specifications

Type				Wall mounted		
				Inverter heat pump		
Model name				ASEG18KMTE	ASEG24KMTE	
Power supply				230 V ~ 50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198—264 V		
Capacity	Cooling	Rated	kW	5.20	7.10	
			Btu/h	17,700	24,200	
		Min.—Max.	kW	0.90—6.00	0.90—8.30	
			Btu/h	3,100—20,500	3,100—28,300	
	Heating	Rated	kW	6.30	8.00	
			Btu/h	21,500	27,200	
Min.—Max.		kW	0.90—8.70	0.90—10.10		
		Btu/h	3,100—29,600	3,000—34,400		
Input power	Cooling	Rated	kW	1.39	2.08	
		Min.—Max.		0.09—1.66	0.24—3.15	
	Heating	Rated		1.56	1.91	
		Min.—Max.		0.09—2.86	0.14—3.00	
	Fan	HIGH	W	37.5	61.6	
		MED		22.9	26.7	
		LOW		13.3	13.3	
		QUIET		8.2	8.2	
Current	Cooling	Rated	A	6.1	9.3	
	Heating			7.0	8.6	
EER	Cooling		kW/kW	3.74	3.41	
COP	Heating			4.04	4.19	
Sensible capacity	Cooling		kW	4.05	5.30	
Power factor	Cooling		%	98	98	
	Heating			98	96	
Moisture removal			L/h (pints/h)	1.7 (3.0)	2.7 (4.8)	
Maximum operating current *1		Cooling	A	9.5	13.5	
		Heating		13.5	16.0	
Fan	Airflow rate	Cooling	m³/h	HIGH	980	1,170
				MED	810	850
				LOW	640	640
				QUIET	510	510
		Heating		HIGH	1,020	1,170
				MED	850	850
				LOW	640	640
				QUIET	510	510
	Type × Q'ty		Crossflow fan × 1			
	Motor output		W	59		
Sound pressure level *2	Cooling	HIGH	dB (A)	45	49	
				MED	40	40
				LOW	35	35
				QUIET	29	29
	Heating	HIGH		46	49	
		MED		40	40	
		LOW		35	35	
		QUIET		29	29	
Heat exchanger type	Dimensions (H × W × D)		mm	Main1: 210 × 798 × 26.6, Main2: 135 × 798 × 20 Sub1: 84 × 798 × 13.3, Sub2: 84 × 798 × 13.3		
	Fin pitch			Main1: 1.2, Main2: 1.1 Sub1: 1.4, Sub2: 1.4		
	Rows × Stages		Main1: 2 × 10, Main2: 2 × 8 Sub1: 1 × 4, Sub2: 1 × 4			
	Pipe type		Copper			
	Fin type		Aluminum			
Enclosure	Material		Polystyrene			
	Color		White Approximate color of Munsell N 9.25/			
Dimensions (H × W × D)	Net	mm	280 × 980 × 240			
	Gross		322 × 1,078 × 346			
Weight	Net	kg	12.5			
	Gross		18			
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)		
		Gas		Ø12.70 (Ø1/2)		
Drain hose	Method		Flare			
	Material		PP + HDPE			
Operation range	Tip diameter		mm	Ø13.8 (I.D.), Ø15.8 to Ø16.7 (O.D.)		
	Cooling		°C	18 to 32		
			%RH	80 or less		
Remote control	Heating		°C	16 to 30		
				Wireless remote controller (Option: Wired remote controller, Mobile app*3 [FGLair™])		
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 operating current is the total current of the indoor unit and the outdoor unit. *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 ErP Lot10					
Model name			ASEG18KMTE		ASEG24KMTE
Energy efficiency class	Cooling		A ⁺⁺		
	Heating (Average)		A ⁺⁺		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	7.77	7.30	
SCOP	Heating (Average)		4.60	4.20	
Annual energy consumption	QCE	kWh/a	234	340	
	QHE (Average)		1,460	2,362	
Sound power level	Cooling	HIGH	dB (A)	60	65
	Heating			61	65