

1. Specifications

1-1. Indoor units

Type				Wall mounted					
				Inverter, Heat pump					
Model name				ASEG07KETF ASEG07KETF-B	ASEG09KETF ASEG09KETF-B	ASEG12KETF ASEG12KETF-B	ASEG14KETF ASEG14KETF-B		
Power supply				230 V~ 50 Hz					
Power supply intake				Outdoor unit					
Available voltage range				198—264 V					
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2		
			Btu/h	6,800	8,500	11,600	14,300		
		Min.—Max.	kW	0.9—3.0	0.9—3.2	0.9—3.9	0.9—4.4		
			Btu/h	3,100—10,200	3,100—10,900	3,100—13,300	3,100—15,000		
	Heating	Rated	kW	2.5	2.8	4.0	5.4		
			Btu/h	8,500	9,500	13,600	18,400		
		Min.—Max.	kW	0.9—3.4	0.9—4.0	0.9—5.3	0.9—6.0		
			Btu/h	3,100—11,600	3,100—13,600	3,100—18,000	3,100—20,500		
Input power	Cooling	Rated	kW	0.450	0.630	0.935	1.220		
				Min.—Max.	0.25—1.17	0.25—1.21	0.25—1.27	0.25—1.40	
	Heating	Rated		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		33.6		
				15.1	16.0		20.0		
				10.0		11.8			
				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		
Energy efficiency class		Cooling		A++					
		Heating (Average)		A+					
Pdesign	Cooling		kW	2.0	2.5	3.4	4.2		
	Heating (Average)			2.3	2.4	2.5	4.0		
SEER	Cooling		kWh/kWh	7.4		7.3	6.9		
SCOP	Heating (Average)			4.1		4.4	4.1		
Annual energy consumption	QCE		kWh/a	95	118	163	213		
	QHE (Average)			785	819	795	1,366		
EER	Cooling		kW/kW	4.43	3.97	3.65	3.44		
COP	Heating			4.52		4.17	3.83		
Sensible capacity	Cooling		kW	1.2	1.6	2.2	3.2		
Power factor	Cooling		%	75	81	88			
	Heating			80	79	87			
Moisture removal			L/h (pints/h)	1.0 (1.8)	1.3 (2.3)	1.8 (3.2)	2.1 (3.7)		
Maximum operating current*1		Cooling		A	6.5				
		Heating			9.0				
Fan	Airflow rate	Cooling	HIGH	m³/h	650	700	770		
			MED		540	560	600		
			LOW		430		450		
			QUIET		270		280		
		Heating	HIGH		720	750	770	800	
			MED		580	610	640	660	
			LOW		460	470	520		
			QUIET		330			340	
	Type × Qty		Crossflow fan × 1						
	Motor output		W	22	24	27	30		
Sound pressure level*2		Cooling	HIGH	dB (A)	38	40		43	
			MED		33	34	35	36	
			LOW		29		30		
			QUIET		20				
		Heating	HIGH		41	42		44	
			MED		35	36	38	39	
			LOW		31		33		
			QUIET		22				24
Sound power level		Cooling	HIGH	dB (A)	54	55		57	
		Heating			56	57	58	59	
Heat exchanger		Dimensions (H × W × D)		mm	Main 1: 210 × 670 × 26.6 Main 2: 112 × 670 × 20.0			Main 1: 210 × 670 × 26.6 Main 2: 112 × 670 × 20.0 Sub 1: 84 × 670 × 13.3	
		Fin pitch			Main 1: 1.2 Main 2: 1.1			Main 1: 1.2 Main 2: 1.1 Sub 1: 1.4	
		Rows × Stages		Main 1: 2 × 10 Main 2: 2 × 7			Main 1: 2 × 10 Main 2: 2 × 7 Sub 1: 1 × 4		
		Pipe type		Copper tube					
		Fin type		Aluminum					
Enclosure		Material		Polystyrene					
		Color		KETF: White + Pearl white (painted) Approximate color of Munsell N 9.25/ KETF-B: Dark Gray + Silver (painted) Approximate color of Munsell 0.5P 3.5/0.2					
Dimensions (H × W × D)		Net		mm	295 × 950 × 230				
		Gross			284 × 1,027 × 357				
Weight		Net		kg	11.0			11.5	
		Gross			14.5			15.0	
Connection pipe		Size	Liquid	mm (in)	Ø6.35 (Ø1/4)				
			Gas		Ø9.52 (Ø3/8)				
		Method			Flare				

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Drain hose	Material		PP+HDPE			
	Tip diameter	mm	Ø13.8 (I.D.), Ø15 to Ø16.8 (O.D.)			
Operation range	Cooling	°C	18 to 32			
		%RH	80 or less			
	Heating	°C	16 to 30			
Remote controller			Wireless (Option: Wired, Mobile app ^{*3} [AIRSTAGE Mobile])			
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: 5.0 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®. - This data is based on EN 14511 standard.						