

1. Specifications

Type				Wall mounted				
				Inverter, Heat pump				
Model name				ASEH07KMCG	ASEH09KMCG	ASEH12KMCG	ASEH14KMCG	
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	0.650	0.960	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	1.020	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	
		MED		15.1	16.0		20.0	
		LOW		10.0		6.4	11.8	
		QUIET		6.4		4.8	7.1	
Current	Cooling	Rated	A	2.6	3.4	4.6	5.8	
	Heating			3.0	3.3	5.0	6.8	
Energy efficiency class		Cooling		A++				
		Heating (Average)		A++		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	8.4		7.7	7.1		
SCOP	Heating (Average)		4.6		4.1			
Annual energy consumption	QCE	kWh/a	83	104	155	207		
	QHE (Average)		700	730	761	1,366		
EER	Cooling	kW/kW	4.43	3.85	3.54	3.44		
COP	Heating		4.52	3.92	3.83			
Sensible capacity	Cooling	kW	1.2	1.6	2.2	3.2		
Power factor	Cooling	%	75	83	90	88		
	Heating		80	81	89	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	m³/h	650	700		770	
				540	560		600	
				430		450		
				270		280		
		Heating		720	750	780	820	
				580	610	640	660	
				460	470	520		
				330		340		
	Type × Qty		Crossflow fan × 1					
	Motor output		W	27				
Sound pressure level*2	Cooling	HIGH	dB (A)	38	40		43	
				MED	33	34	35	36
				LOW	29		30	
				QUIET	20		44	
	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		White Approximate color of Munsell N9,25/					
Dimensions (H × W × D)	Net		mm	270 × 834 × 222				
	Gross			277 × 914 × 332				
Weight	Net		kg	10.0				
	Gross			12.5		13.0		
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)				
		Gas		Ø9.52 (Ø3/8)				
Drain hose	Method			Flare				
	Material			Polypropylene + High-density polyethylene				
Operation range	Tip diameter		mm	Ø13.8 (I.D.), Ø15 to Ø16.8 (O.D.)				
	Cooling	°C		18 to 32				
		%RH		80 or less				
Remote controller	Heating		°C	16 to 30				
	Wireless (Option: Wired, Mobile app*3 [AIRSTAGE Mobile])							

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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.				