

1. Specifications

Type				Wall mounted		
				Inverter heat pump		
Model name				ASYH30KMTB	ASYH36KMTB	
Power supply				230 V~50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198—264 V		
Capacity	Cooling	Rated	kW	8.0	9.4	
			Btu/h	27,300	32,100	
		Min.—Max.	kW	2.9—9.0	2.9—10.0	
	Heating	Rated	Btu/h	9,900—30,700	9,900—34,100	
			kW	8.8	10.1	
		Min.—Max.	kW	2.2—11.8	2.7—12.6	
Btu/h		7,500—40,200	9,200—42,900			
Input power	Cooling	Rated	kW	2.33	3.16	
				Min.—Max.	0.54—3.86	0.54—4.30
	Heating	Rated	kW	2.20	2.73	
				Min.—Max.	0.48—4.23	0.48—4.30
	Fan			W	HIGH	62.0
					MED	36.5
					LOW	21.0
					QUIET	11.5
Current	Cooling	Rated	A	10.2	13.9	
	Heating			9.7	12.0	
Energy efficiency class	Cooling			A ⁺⁺		
	Heating (Average)			A ⁺		
Pdesign	Cooling		kW	8.00	9.40	
	Heating (Average)			6.50	7.10	
SEER	Cooling		kWh/kWh	6.68	6.10	
SCOP	Heating (Average)			4.50		
Annual energy consumption	QCE		kWh/a	419	534	
	QHE (Average)			1,994	2,189	
EER	Cooling		kW/kW	3.43	2.97	
COP	Heating			4.00	3.70	
Sensible capacity	Cooling		kW	6.15	6.70	
Power factor	Cooling		%	99		
	Heating			99		
Moisture removal			L/h (pints/h)	2.6 (4.6)	3.8 (6.7)	
Maximum operating current*1	Cooling		A	21.0	21.5	
	Heating			21.0	21.5	
Fan	Airflow rate	Cooling	m ³ /h	HIGH	1,330	
				MED	1,100	
				LOW	920	
				QUIET	720	
		Heating		HIGH	1,330	
				MED	1,100	
				LOW	920	
				QUIET	720	
	Type × Q'ty			Cross flow fan × 1		
	Motor output			W	61	
Sound pressure level*2	Cooling		dB (A)	HIGH	50	
				MED	44	
				LOW	40	
				QUIET	33	
	Heating			HIGH	49	
				MED	44	
				LOW	39	
				QUIET	33	
Sound power level	Cooling	HIGH	dB (A)	65		
	Heating			65		
Heat exchanger	Dimensions (H × W × D)		mm	Main: 448 × 900 × 30 Sub1: 84 × 900 × 13.3 Sub2: 126 × 900 × 13.3		
	Fin pitch			Main: 1.2, Sub: 1.4		
	Rows × Stages			Main: 3 × 28, Sub1: 1 × 4, Sub2: 1 × 6		
	Pipe type			Copper tube		
	Fin type			Aluminum		
Enclosure	Material		Polystyrene			
	Color		White Approximate color of Munsell N9.25/			
Dimensions (H × W × D)	Net		mm	340 × 1,150 × 280		
	Gross			405 × 1,270 × 450		
Weight	Net		kg	18.5		
	Gross			24.5		
Connection pipe	Size	Liquid	mm (in)	Ø 9.52 (Ø 3/8)		
		Gas		Ø 15.88 (Ø 5/8)		
	Method			Flare		
Drain hose	Material		PVC			
	Tip diameter		mm			
Operation range	Cooling		°C	18 to 32		
	Heating		%RH	80 or less		
			°C	16 to 30		
Remote controller	Wireless or Mobile app (FGLair™I*3) (Wired [option])					

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<p>NOTES:</p> <ul style="list-style-type: none"> • Specifications are based on the following conditions: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – 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. For details, refer to the setting manual. • This data is based on EN 14511 standard. 		