

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			
	Btu/h		9,900—30,700	9,900—34,100				
	Heating	Rated	kW	8.8	10.1			
			Btu/h	30,000	34,500			
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	HIGH	MED	LOW	QUIET	W		
							62.0	
							36.5	
							21.0	
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	HIGH	MED	LOW	QUIET	m ³ /h	1,330
								1,100
								920
								720
		Heating	HIGH	MED	LOW	QUIET	1,330	
							1,100	
							920	
							720	
	Type × Q'ty	Cross flow fan × 1						
	Motor output	W						
Sound pressure level*2	Cooling	HIGH	MED	LOW	QUIET	dB (A)	50	
							44	
							40	
							33	
	Heating	HIGH	MED	LOW	QUIET	49		
						44		
						39		
						33		
Sound power level	Cooling	HIGH	dB (A)	65				
	Heating			65				
Heat exchanger	Dimensions (H × W × D)		mm	Main: 448 × 900 × 30				
	Fin pitch			Sub1: 84 × 900 × 13.3				
	Rows × Stages			Sub2: 126 × 900 × 13.3				
	Pipe type			Main: 1.2, Sub: 1.4				
	Fin type			Main: 3 × 28, Sub1: 1 × 4, Sub2: 1 × 6				
Enclosure	Material		Copper tube					
	Color		Aluminum					
Dimensions (H × W × D)	Material		Polystyrene					
	Color		White					
Weight	Net		Approximate color of Munsell N9.25/					
	Gross		340 × 1,150 × 280					
Connection pipe	Net		405 × 1,270 × 450					
	Gross		18.5					
Drain hose	Net		24.5					
	Gross		Ø 9.52 (Ø 3/8)					
Operation range	Liquid		Ø 15.88 (Ø 5/8)					
	Gas		Flare					
Remote controller	Method		PVC					
	Material		Ø 13.8 (I.D.), Ø 15.8 to Ø 16.7 (O.D.)					
Tip diameter	mm		18 to 32					
	°C		80 or less					
Operation range	°RH		16 to 30					
	°C		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. 		