

# 1. Specifications

Type				Wall mounted				
				Inverter heat pump				
Model name				ASYG30KMTA	ASYG36KMTA			
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—11.0	2.7—11.2				
		Btu/h	7,500—37,500	9,200—38,200				
Input power	Cooling	Rated	kW	2.33				
				Min.—Max.	0.54—3.86			
	Heating	Rated	kW	2.20				
				Min.—Max.	0.48—4.23			
	Fan	HIGH	MED	LOW	QUIET	W		
							62.0	
							36.5	
							21.0	
		11.5						
Current	Cooling	Rated	A	10.2				
	Heating			9.7				
EER	Cooling			3.43				
COP	Heating			4.00				
Sensible capacity	Cooling			6.15				
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	21.0				
			Heating	21.0				
Fan	Airflow rate	Cooling	m <sup>3</sup> /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			Sirocco fan × 1				
	Motor output			W				
			61					
Sound pressure level*2	Cooling	HIGH	MED	LOW	QUIET	dB (A)		
							50	
							44	
							40	
	Heating	HIGH	MED	LOW	QUIET	dB (A)	49	
							44	
							39	
							33	
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 N 9.25/						
Dimensions (H × W × D)	Net			340 × 1,150 × 280				
	Gross			405 × 1,270 × 450				
Weight	Net			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					
	Material		PVC					
Drain hose	Size		mm					
			Ø 13.8 (I.D.), Ø 15.8 to Ø 16.7 (O.D.)					
Operation range	Cooling			°C				
				18 to 32				
	Heating			%RH				
		80 or less						
				°C				
				16 to 30				
Remote controller				Wireless or Mobile app (FGLair*3) (Wired [option])				

## 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. For details, refer to the setting manual.

Specifications for ErP Lot 10				
Model name			ASYG30KMTA	ASYG36KMTA
Energy efficiency class	Cooling		A++	A++
	Heating (Average)		A+	A+
Pdesign	Cooling	kW	8.00	9.40
	Heating (Average)		6.50	7.10
SEER	Cooling	kWh/kWh	6.67	6.14
SCOP	Heating (Average)		4.54	4.52
Annual energy consumption	QCE		419	535
	QHE (Average)		2,001	2,198
Sound power level	Cooling	HIGH	dB (A)	65
	Heating			65