

1. Specifications

Type				Inverter heat pump	
Model name				AOYG36KBT A5	
Power source				230 V 50 Hz	
Available voltage range				198—264V	
Standard combination of indoor unit				Wall mounted ASYG07KMCC ×5	
Capacity	Cooling	Rated	kW	9.5	
			Btu/h	32,400	
		Min.—Max.	kW	3.0—11.0	
			Btu/h	10,200—37,500	
	Heating		kW	10.6	
			Btu/h	36,200	
		Min.—Max.	kW	3.5—12.0	
			Btu/h	11,900—40,900	
Input power	Cooling	Rated	kW	2.50	
		Max.		3.45	
	Heating	Rated		2.36	
		Max.		3.25	
Current	Cooling	Rated	A	11.1	
	Heating	Rated		10.9	
EER	Cooling		kW/kW	3.8	
COP	Heating			4.5	
Starting current			A	11.1	
Maximum operating current *1			A	20.0	
Fan	Type × Q'ty			Propeller × 1	
	Airflow rate	Cooling	m³/h	2,450	
		Heating		2,900	
		Motor output		W	49
Sound pressure level *2	Cooling		dB (A)	52	
	Heating			55	
Heat exchanger	Dimension (H x W x D)		mm	Main1: 840 × 873 × 18.19 Main2: 840 × 843 × 18.19 Main3: 840 × 784 × 18.19	
	Fin pitch			1.45	
	Rows × Stages			Main1: 1 × 40 Main2: 1 × 40 Main3: 1 × 40	
	Pipe type (Material)			Copper tube	
	Fin type (Material)			Aluminum	
	Compressor	Type × Quantity			DC twin rotary × 1
Motor output		W	1,450		
Refrigerant	Type			R32 (675)	
	Charge		g	2,500	
Refrigerant oil	Type			RmM68AF	
	Amount		cm³	800	
Enclosure	Material			Steel sheet	
	Color			Beige (Approximate color of Munsell 10YR 7.5/1.0 NN)	
Dimensions (H x W x D)	Net		mm	884 × 820 × 315	
	Gross			1,058 × 1,027 × 445	
Weight	Net		kg	59	
	Gross			69	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4) × 5	
		Gas		Ø9.52 (Ø3/8) × 3 + Ø12.7 (Ø1/2) × 2	
	Method			Flare	
	Pre-charge length (Total)			40	
	Maximum length (Total)			75	
	Maximum length (Each)			25	
	Minimum length (Total)			15	
	Minimum length (Each)			2.5	
	Maximum height difference between outdoor unit and each indoor units.			15	
	Maximum height difference between indoor units.			10	
Drain hose	Material			PP	
	Tip diameter		mm	Ø13.0 (I.D.), Ø16.0 to Ø16.8 (O.D.)	
Operation range	Cooling		°C	-10 to 46	
	Heating			-15 to 24	

NOTES:

- Specifications are based on the following conditions:
 - Power source of specifications: 230 V
 - Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]
 - Cooling: Indoor temperature of 27.0 °CDB/19.0 °CWB, and outdoor temperature of 35 °CDB/24.0 °CWB.
 - Heating: Indoor temperature of 20.0 °CDB/15.0 °CWB, and outdoor temperature of 7.0 °CDB/6.0 °CWB.
- *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.
- For other combination, refer to the combination table.
- The protective function might work when using it outside the operation range.
- This data is based on EN 14511 standard.