

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	Rated	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 × Qty		Propeller × 1		
	Airflow rate	Cooling	m ³ /h	2,450	
		Heating		2,900	
	Motor output		W	49	
Sound pressure level *2	Cooling		dB (A)	52	
	Heating			55	
Heat exchanger	Dimension (H × W × 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		cm ³	800	
Enclosure	Material		Steel sheet		
	Color		Beige (Approximate color of Munsell 10YR 7.5/1.0 NN)		
Dimensions (H × W × 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.