

1. Specifications

Type			Inverter heat pump	
Model name			AOYG30KBTA4	
Power source			230 V 50 Hz	
Available voltage range			198—264V	
Standard combination of indoor unit			Wall mounted ASYG07KMCC ×4	
Capacity	Cooling	Rated	kW	8.0
			Btu/h	27,300
		Min.—Max.	kW	2.4—10.1
	Heating		Btu/h	8,200—34,500
		Rated	kW	9.6
		Min.—Max.	kW	32,800
		Btu/h	3.0—11.2	
		Btu/h	10,200—38,100	
Input power	Cooling	Rated	kW	2.05
		Max.		3.25
	Heating	Rated		2.11
		Max.		2.95
Current	Cooling	Rated	A	9.1
	Heating	Rated		9.4
EER	Cooling		kW/kW	3.9
COP	Heating			4.55
Starting current			A	9.4
Maximum operating current *1			A	18.5
Fan	Type × Qty		Propeller × 1	
	Airflow rate	Cooling	m ³ /h	2,400
		Heating		2,950
	Motor output		W	49
Sound pressure level *2	Cooling		dB (A)	50
	Heating			54
Heat exchanger	Dimension (H × W × D)		mm	Main1: 840 × 881 × 18.19 Main2: 840 × 851 × 18.19
	Fin pitch			1.3
	Rows × Stages		Main1: 1 × 40 Main2: 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	2,200
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	55
	Gross			64
Connection pipe	Size	Liquid	mm (in)	∅6.35 (∅1/4) × 4
		Gas		∅9.52 (∅3/8) × 2 + ∅12.7 (∅1/2) × 2
	Method		Flare	
	Pre-charge length (Total)		40	
	Maximum length (Total)		70	
	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	∅13.0 (I.D.), ∅16.0 to ∅16.8 (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.