

1. Specifications

Type				Inverter heat pump	
Model name				AOYG14KBTA2	AOYG18KBTA2
Power source				230 V 50 Hz	
Available voltage range				198—264V	
Standard combination of indoor unit				Wall mounted ASYG07KGTB ×2	Wall mounted ASYG09KGTB ×2
Capacity	Cooling	Rated	kW	4.0	5.0
			Btu/h	13,600	17,100
		Min.—Max.	kW	1.4—4.6	1.7—5.8
			Btu/h	4,700—15,700	5,800—19,800
	Heating	Rated	kW	4.4	5.6
			Btu/h	15,000	19,100
		Min.—Max.	kW	1.1—5.5	1.8—6.6
			Btu/h	3,700—18,800	6,100—22,500
Input power	Cooling	Rated	kW	0.97	1.24
				Max.	1.20
	Heating	Rated		0.95	1.22
				Max.	1.65
Current	Cooling	Rated	A	4.7	5.6
	Heating	Rated		4.7	5.6
EER	Cooling		kW/kW	4.12	4.03
COP	Heating		kW/kW	4.63	4.59
Starting current			A	4.7	5.6
Maximum operating current *1			A	10.9	11.6
Fan	Type × Q'ty		Propeller × 1		
	Airflow rate	Cooling	m ³ /h	1,670	1,960
		Heating		1,670	2,020
	Motor output		W	23	49
Sound pressure level *2	Cooling	dB (A)	47	47	
	Heating		49	50	
Heat exchanger	Dimension (H x W x D)		mm	504 × 881 × 18.19	588 × 881 × 18.19
	Fin pitch			504 × 851 × 18.19	
	Rows × Stages		1.3		
	Pipe type (Material)		Main1: 1 × 24 Main2: 1 × 24		
	Fin type (Material)		Copper tube Aluminum		
Compressor	Type × Quantity		DC rotary × 1		DC twin rotary × 2
	Motor output		W	900	900
Refrigerant	Type		R32 (675)		
	Charge		g	900	1,020
Refrigerant oil	Type		RB68A		FW68S
	Amount		cm ³	340	350
Enclosure	Material		Steel sheet		
	Color		Beige (Approximate color of Munsell 10YR 7.5/1.0 NN)		
Dimensions (H x W x D)	Net	mm	542 × 799 × 290	632 × 799 × 290	
	Gross		602 × 940 × 375	692 × 940 × 375	
Weight	Net	kg	33	37	
	Gross		37	41	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4) × 2	
		Gas		Ø9.52 (Ø3/8) × 2	
	Method		Flare		
	Pre-charge length (Total)		20		
	Maximum length (Total)		30		
	Maximum length (Each)		20		
	Minimum length (Total)		5		
	Minimum length (Each)		2.5		
	Maximum height difference between outdoor unit and each indoor units.		15		
	Maximum height difference between indoor units.		10		
Operation range	Cooling	°C	-10 to 46		
	Heating		-15 to 24		
NOTES:					
<ul style="list-style-type: none"> Specifications are based on the following conditions: <ul style="list-style-type: none"> 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 <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. For other combination, refer to the combination table. The protective function might work when using it outside the operation range. 					