

Type				Inverter heat pump		
Model name				AOYG45KBTB	AOYG54KBTB	
Power supply				230 V ~ 50 Hz		
Power supply intake				Outdoor unit		
Available voltage range				198–264 V		
Starting current				A		
				15.5	20.9	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	4,450	4,450	
		Heating		4,450	4,450	
	Type × Q'ty		Propeller × 1			
	Motor output		W	120		
Sound pressure level *1		Cooling	dB (A)	57	57	
		Heating		57	59	
Sound power level		Cooling	dB (A)	71	73	
		Heating		71	73	
Heat exchanger type	Dimensions (H × W × D)		mm	Main1: 966 × 905 × 18.2 Main2: 966 × 905 × 18.2 Sub: 966 × 543 × 18.2		
	Fin pitch			1.45		
	Rows × Stages			1 × 46		
	Pipe type			Copper		
	Fin	Type (Material)		Aluminum		
		Surface treatment		Blue fin		
Compressor	Type × Q'ty		DC Twin rotary × 1			
	Motor output		W			
				2,180		
Refrigerant		Type (Global warming potential)		R32 (675)		
		Factory charge		g		
				2,700		
Refrigerant oil		Type		RmM68AF		
		Amount		cm <sup>3</sup>		
				800		
Enclosure		Material		Steel sheet		
		Color		Beige Approximate color of Munsell 10YR 7.5/1.0		
Dimensions (H × W × D)	Net		mm	998 × 940 × 320		
	Gross			1,176 × 1,027 × 445		
Weight	Net		kg	67		
	Gross			75		
Connection pipe	Size	Liquid	mm (in)	Ø9.52 (3/8)		
		Gas		Ø15.88 (5/8)		
	Method		Flare			
	Pre-charge length		m	30		
	Max. length			50		
	Max. height difference			30		
Operation range		Cooling	°C	-15 to 46		
		Heating		-15 to 24		
Drain hose		Material		LDPE		
		Size		mm		
				Ø13.0 (I. D.), Ø16.0 to Ø16.8 (O. D.)		

**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 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- \*1: 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.