

1. Specifications

Type				Inverter heat pump				
Model name				AOEG09KBTB	AOEG12KBTB	AOEG14KBTB	AOEG18KBTB	
Power supply				230 V ~ 50 Hz				
Available voltage range				198—264 V				
Starting current			A	4.0	4.8	5.8	7.1	
Fan	Airflow rate	Cooling	m³/h	1,480	1,580	1,670	2,160	
		Heating		1,410	1,520	1,580	1,830	
	Type × Qty			Propeller fan × 1				
Motor output			W	23	23	23	49	
Sound pressure level *		Cooling	dB (A)	46	47	49	50	
		Heating		46	47	49	50	
Sound power level		Cooling	dB (A)	59	61	62	62	
		Heating		59	61	62	62	
Heat exchanger type		Dimensions (H × W × D)	mm	504 × 881 × 18.19			588 × 881 × 18.19	
		Fin pitch		504 × 851 × 18.19			588 × 851 × 18.19	
		Rows × Stages		1.3				
		Pipe type		2 × 24				2 × 28
		Fin type	Type (Material)	Copper tube				
				Aluminum				
				PC fin				
Compressor	Type × Qty			DC rotary × 1	DC Twin rotary × 1			
	Motor output	W		900	810	900		
Refrigerant		Type (Global warming potential)		R32 (675)				
		Charge	g	850			1,020	
Refrigerant oil		Type		RB68A	FW68S			
		Amount	cm³	340	350			
Enclosure		Material		Steel sheet				
		Color		Beige				
				Approximate color of Munsell 10YR 7.5/1.0				
Dimensions (H × W × D)	Net	mm		542 × 799 × 290			632 × 799 × 290	
	Gross		602 × 940 × 375			692 × 940 × 375		
Weight	Net	kg	32	33			36	
	Gross		35	37			40	
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)				
		Gas		Ø9.52 (Ø3/8)			Ø 12.70 (Ø 1/2)	
	Method			Flare				
	Pre-charge length		m	15			20	
	Max. length			20	25		30	
Max. height difference			15	20	20			
Operation range		Cooling	°C	-15 to 46				
		Heating		-15 to 24				
Drain hose		Material		Polypropylene				
		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. - Protective function might work when using it outside the operation range. *: Sound pressure level - Measured values in manufacturer's semi-anechoic chamber. - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.								