



ITEM NO. AOEH30KMTB

8.0kW Outdoor Unit - R32 Single Phase

- Nom. Cooling Capacity: 8.0kW • Nom. Heating Capacity: 8.8kW • Height: 788mm • Width: 940mm • Depth: 320mm • Weight: 52kg • Pipe Sizes: 3/8" & 5/8" • Max Pipe Run (Height Difference): 50 (30) m • Interconnecting Cable Suggested cable size 1.

SPARE PARTS

DESCRIPTION

- Nom. Cooling Capacity: 8.0kW
- Nom. Heating Capacity: 8.8kW
- Height: 788mm
- Width: 940mm
- Depth: 320mm
- Weight: 52kg
- Pipe Sizes: 3/8" & 5/8"
- Max Pipe Run (Height Difference): 50 (30) m
- Interconnecting Cable Suggested cable size 1.5mm 3 Core + Earth
- Suggested MCB Size (A) 25
- Full Specifications Below

SPECIFICATIONS

Product Range	Standard
Height (mm)	788
Width (mm)	940
Depth (mm)	320
Weight (kg)	52
Airflow Rate - Cooling - High (m ³ /h)	3750
Airflow Rate - Heating - High (m ³ /h)	3750
Sound Pressure Level - Cooling - High (dB(A))	53
Sound Pressure Level - Heating - High (dB(A))	55
Sound Power Level - Cooling - High (dB(A))	68
Sound Power Level - Heating - High (dB(A))	69
Refrigerant Type (Global Warming Potential)	R32 (675)
Liquid Pipe Size	3/8 inch
Gas Pipe Size	5/8 inch
Max Pipe Length (m)	50
Max Height Difference (m)	30
Refrigerant Charge (kg)	1.9
Refrigerant CO ₂ eq-T	1.283
Precharged For (m)	30
Additional Charge (g/m)	40

1Ph-230V-50Hz

25

-15

46

-15

24

8

				Inverter heat pump			
Model name				A0E0GKMTB		A0E0HKMTB	
Power supply				230 V ~ 50 Hz			
Power supply intake				Outdoor unit			
Available voltage range				185~204 V			
Starting current				A		13.9	
Fan	Airflow rate	Cooling Heating	m³/h	3.7/0		3.7/0	
	Type x G/y				Propeller x 1		
	Motor output	W			100		
Sound pressure level ¹⁾	Cooling	dB (A)	53	55			
	Heating	dB (A)	55	55			
Sound power level	Cooling	dB (A)	58	70			
	Heating	dB (A)	59	70			
Heat exchanger type	Dimensions (H x W x D)	mm		Main1: 750 x 950 x 18.19 Main2: 750 x 950 x 18.19			
	Pin pitch	mm		1.45			
	Rows x Stages			1 x 36			
	Pipe type			Copper			
	Pipe	Type (Material)	Surface treatment	Aluminum Blue Fin			
Compressor	Type x G/y				DC Two rotary x 1		
	Motor output	W			1,300		
Refrigerant	Type (Global warming potential)				R32 (075)		
	Capacity charge	g			1,000		
Refrigerant oil	Type				FW8SD		
	Amount	cm³			600		
	Material				Sheet steel		
Enclosure	Color				Beige		
					Approximate area of Murselt 10YR 7.5/1.0 785 x 445 x 320		
Dimensions (H x W x D)	Net	mm		785 x 445 x 320			
	Gross	mm		955 x 1,027 x 445			
Weight	Net	kg		62			
	Gross	kg		69.52 (38)			
Connection pipe	Size	Liquid Gas	mm (in)	Ø15.88 (5/8) Ø15.88 (5/8)			
	Method				Flare		
	Pre-charge length				30		
	Max. length	m			60		
Operation range	Max. height difference				30		
	Cooling	°C		-15 to 46			
	Heating	°C		-15 to 34			
Drain hose	Material				LDPE		
	Size	mm			Ø13 (D), Ø16 (D), Ø16 (D), Ø16 (D, 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: 5.0 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.

Unit: mm

