

1-2. Outdoor unit

Type				Inverter heat pump	
Model name				AOEG36KQTA	AOEG45KQTA
Power supply				400 V 3N ~ 50 Hz	
Power supply intake				Outdoor unit	
Available voltage range				342—457 V	
Starting current			A	6.0	8.8
Fan	Airflow rate	Cooling	m³/h	3,750	4,450
		Heating		3,750	4,450
	Type × Q'ty		Propeller fan × 1		
	Motor output		W	100	120
Sound pressure level *1		Cooling	dB (A)	55	58
		Heating		55	59
Sound power level		Cooling	dB (A)	70	72
		Heating		70	73
Heat exchanger type		Dimensions (H × W × D)	mm	Main1: 756 × 905 × 18.19 Main2: 756 × 905 × 18.19	Main1: 966 × 905 × 18.19 Main2: 966 × 905 × 18.19
		Fin pitch		Main1: 1.45 Main2: 1.45	
		Rows × Stages		Main1: 1 × 36 Main2: 1 × 36	Main1: 1 × 46 Main2: 1 × 46
		Pipe type		Copper	
		Fin type	Type (Material)	Aluminum	
			Surface treatment	Blue fin	
Compressor	Type		DC Twin rotary		
	Motor output		W	1,500	1,830
Refrigerant		Type (Global warming potential)		R32 (675)	
		Charge	g	1,900	2,400
Refrigerant oil		Type		FW68D	RmM68AF
		Amount	cm³	600	800
Enclosure		Material		Steel sheet	
		Color		Beige Approximate color of Munsell 10YR 7.5/1.0	
Dimensions (H × W × D)	Net	mm	788 × 940 × 320	998 × 940 × 320	
	Gross		966 × 1,027 × 445	1,176 × 1,027 × 445	
Weight	Net	kg	53	62	
	Gross		62	72	
Connection pipe	Size	Liquid	mm (in)	Ø9.52 (Ø3/8)	
		Gas		Ø15.88 (Ø5/8)	
	Method		Flare		
	Pre-charge length		m	30	
	Max. length			30	
	Max. height difference			30	
Operation range		Cooling	°C	-10 to 46	
		Heating		-15 to 24	
Drain hose		Material		Low-density polyethylene	
		Tip diameter	mm	Ø 13.0 (I. D.), Ø 16.0 to Ø 16.7 (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.
- *1: 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.