

# 1. Specifications

Type				Inverter heat pump	
<b>Model name</b>				<b>AOYG36KRTA</b>	
Power supply				3N 400 V ~ 50 Hz	
Power supply intake				Outdoor unit	
Available voltage range				342—457 V	
Starting current				5.6	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	3,750	
		Heating		3,750	
	Type × Q'ty			Propeller × 1	
	Motor output		W	100	
Sound pressure level *1		Cooling	dB (A)	55	
		Heating		55	
Sound power level		Cooling	dB (A)	70	
		Heating		70	
Heat exchanger type	Dimensions (H × W × D)		mm	Main1: 756 × 905 × 18.20	
				Main2: 756 × 905 × 18.20	
	Fin pitch				Main1: 1.45
					Main2: 1.45
	Rows × Stages				Main1: 1 × 36
					Main2: 1 × 36
Pipe type				Copper	
Fin	Type (Material)			Aluminum	
	Surface treatment			Blue fin	
Compressor	Type × Q'ty			DC Twin rotary × 1	
	Motor output	W		1,500	
Refrigerant	Type (Global warming potential)			R32 (675)	
	Factory charge	g		1,900	
Refrigerant oil	Type			FW68D	
	Amount	cm <sup>3</sup>		600	
Enclosure	Material			Steel sheet	
	Color			Beige Approximate color of Munsell 10YR 7.5/1.0	
Dimensions (H × W × D)	Net		mm	788 × 940 × 320	
	Gross			966 × 1,027 × 445	
Weight	Net		kg	53	
	Gross			62	
Connection pipe	Size	Liquid	mm (in)	Ø 9.52 (3/8)	
		Gas		Ø 15.88 (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		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: 5.0 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.