

Type				Inverter heat pump			
Model name				AOYG45KRTA		AOYG54KRTA	
Power supply				3N 400 V ~ 50 Hz			
Power supply intake				Outdoor unit			
Available voltage range				342—457 V			
Starting current				6.8		8.0	
Fan	Airflow rate	Cooling	m <sup>3</sup> /h	4,450			
		Heating		4,450			
	Type × Q'ty				Propeller × 1		
Motor output			W	120			
Sound pressure level *1		Cooling	dB (A)	57			
		Heating		59			
Sound power level		Cooling	dB (A)	71		73	
		Heating		71		73	
Heat exchanger type		Dimensions (H × W × D)	mm	Main1: 966 × 905 × 18.20 Main2: 966 × 905 × 18.20 Sub: 966 × 543 × 18.20			
		Fin pitch		Main1: 1.45 Main2: 1.45 Sub: 1.45			
		Rows × Stages		Main1: 1 × 46 Main2: 1 × 46 Sub: 1 × 46			
		Pipe type		Copper			
		Fin		Type (Material)	Aluminum		Blue fin
			Surface treatment				
Compressor		Type × Q'ty	W	DC Twin rotary × 1			
		Motor output		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		77			
Connection pipe		Size	mm (in)	Ø 9.52 (3/8)			
				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.