

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	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) Surface treatment	Aluminum Blue fin	
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	Liquid	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.