1. Specifications

Туре					Inverter heat pump	
Model name					AOYG18KBTA3	AOYG24KBTA3
Power source						
Available voltage range					230 V 50 Hz 198—264V	
Standard combination of indoor unit					Wall mounted ASYG07KMCC ×3	Wall mounted ASYG07KMCC ASYG09KMCC ×2
		Quality r	Rated	kW	5.4	6.8
			Rated	Btu/h	18,400	23,200
		Cooling	Min.—Max.	kW	1.8—7	1.8—8.5
Capacity			win.—wax.	Btu/h	6,100—23,800	6,100—29,000
Capacity			Rated	kW	6.8	8.0
		Heating		Btu/h	23,200	27,300
		ricating	Min.—Max.	kW	2.0—8.0	2.0—9.2
				Btu/h	6,800—27,300	6,800—31,400
		Cooling	Rated		1.13	1.74
Input power		Cooling	Max.	kW	1.90	2.65
pat porto:	input power		Rated		1.39	1.82
		Heating	Max.		1.85	2.35
Current		Cooling	Rated	А	5.1	7.7
		Heating	Rated		6.2	8.1
EER		Cooling		kW/kW	4.78	3.90
COP		Heating	Heating		4.89	4.40
Starting current			A	6.2	8.1	
Maximum operating current *1				A	12.0	14.5
Fan Airfl		Type × Q'ty	Type × Q'ty		Propel	
		Airflow rate Cooling		m ³ /h	2,220	2,270
			Heating	W	2,160	2,730
			Motor output		49	49
Sound pressure level *2 Cooling Heating Dimension (H x W x D) Fin pitch Rows × Stages Pipe type (Material) Fin type (Material)					46	48
			dB (A)	49	53	
		mm	Main1: 672 ×			
		Lin nitah			Main2: 672 × 851 × 18.19 1.3	
		Fin plich	Fin pitch		1.3 Main1: 1 × 32	
		Rows × Stag	Rows × Stages		Main 1: 1 × 32 Main 2: 1 × 32	
		Pine type (Ma	aterial)		Copper tube	
					Aluminum	
Compressor			Type		DC twin rotary	
		Motor output			1,200	
Refrigerant Refrigerant oil Enclosure Dimensions		Туре			R32 (675)	
		Charge			1,800	
		Туре	-		RmM68AF	
		Amount			550	
		Material			Steel sheet	
					Beige	
			Color		(Approximate color of Munsell 10YR 7.5/1.0 NN)	
		Net			716 × 820 × 315	
(H x W x D) Weight		Gross			890 × 1,027 × 445	
		Net			4	
		Gross		kg	5	
Connection pipe	Size	Liquid		mm (in)	Ø6.35 (Ø	
		Gas			Ø9.52 (Ø3/8) × 3	Ø9.52 (Ø3/8) × 2, Ø12.70 (Ø1/2) × 1
	Method				Fla	
	Pre-charge length (Total)			l	3	
	Maximum length (Total)			ļ	50	
	Maximum length (Each)				25	
	Minimum length (Total)				10	
	Minimum length (Each)				2.5	
	Maximum height difference between outdoor unit and each indoor units.		15			
	Maximum height difference between indoor		10			
	units.					
Cooling					-10 to 46	
Operation range Cooling Heating Drain hose Material Tip diameter				°C	°C -10 to 40 -15 to 24 PP	
				mm		
					Ø13.0 (I.D.), Ø16.0 to Ø16.8 (O.D.)	

NOTES:

Specifications are based on the following conditions:
 Power source of specifications: 230 V

- Pipe length: 5 m, Height difference: 0 m [Outdoor unit—Indoor unit]

Cooling: Indoor temperature of 27.0 °CDB/15.0 °CWB, and outdoor temperature of 35 °CDB/24.0 °CWB.
 Heating: Indoor temperature of 20.0 °CDB/15.0 °CWB, and outdoor temperature of 7.0 °CDB/6.0 °CWB.

• *1: Maximum operating current is the total current of the indoor unit and the outdoor unit.

• *2: 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.

· For other combination, refer to the combination table.

The protective function might work when using it outside the operation range.
This data is based on EN 14511 standard.

OUTDOOR UNIT 40YG18-24KBTA3