

Type				INVERTER HEATPUMP		
Model name				AO*G54LBTB		
Indoor unit combination				AU*G24LVLA × 2	AB*G24LVTA × 2	AR*G24LMLA × 2
Power source				230V ~ 50Hz		
Available voltage range				198V - 264V		
Capacity	Cooling	Rated	kW	13.3	13.3	13.3
			Btu/h	45,400	45,400	45,400
		Min. - Max.	kW	5.4 - 13.8	5.4 - 13.8	5.4 - 13.8
	Btu/h		18,400 - 47,100	18,400 - 47,100	18,400 - 47,100	
	Heating	Rated	kW	15.0	15.0	15.0
			Btu/h	51,200	51,200	51,200
Min. - Max.		kW	5.8 - 15.6	5.8 - 15.6	5.8 - 15.6	
	Btu/h	19,800 - 53,200	19,800 - 53,200	19,800 - 53,200		
Input power	Cooling	Rated	kW	4.40	4.40	4.40
		Max.		4.65	4.65	4.65
	Heating	Rated		4.48	4.48	4.40
		Max.		4.76	4.76	4.76
Current	Cooling	Rated	A	19.5	19.5	19.5
	Heating		A	19.9	19.9	19.5
Power factor	Cooling		%	98	98	98
	Heating		%	98	98	98
EER	Cooling	Rated	kW/kW	3.02	3.02	3.02
COP	Heating		kW/kW	3.35	3.35	3.41
Starting current			A	19.9	19.9	19.5
Maximum operating current			A	21.5	21.5	21.5
Fan	Airflow rate	Cooling	m ³ /h	6850	6850	6850
		Heating		6750	6750	6750
	Type × Q'ty		Propeller × 2			
	Motor output		W	100 × 2		
Sound pressure level *1	Cooling		dB (A)	55	55	55
	Heating		dB (A)	57	57	57
Sound power level	Cooling		dB (A)	71	71	71
	Heating		dB (A)	72	72	72
Heat exchanger type	Dimensions (H × W × D)		mm	1260 × 900 × 36.4		
	Fin pitch		mm	1.30		
	Rows × Stages			2 × 60		
	Pipe type			Copper		
	Fin	Type (Material)	Corrugate (Aluminium)			
	Surface treatment	Hydrophilic coating (Blue fin)				
Compressor	Type × Q'ty		Twin Rotary × 1			
	Motor output		W	3750		
Refrigerant	Type (Global Warming Potential)		R410A (1975)			
	Charge		g	3450		
Refrigerant oil	Type		POE			
	Amount		cm3	1550		
Enclosure	Material		Steel sheet			
	Colour		Beige Approximate color of MUNSELL 10YR7.5/1.0			
Dimensions (H × W × D)	Net		mm	1290 × 900 × 330		
	Gross			1460 × 1050 × 445		
Weight	Net		kg	93		
	Gross			103		
Connection pipe	Size (Standard)	Liquid	mm	Ø 9.52 (Ø 3/8 in.)		
		Gas		Ø 15.88 (Ø 5/8 in.)		
	Method		Flare			
	Pre-charge length		m	30		
	Max. length			75		
Max. height difference		30				
Operation range	Cooling		°C	-15 to 46		
	Heating		°C	-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 m, Height difference : 0 m. (Outdoor unit - 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.

Type				INVERTER HEATPUMP		
Model name				AO*G54LBTB		
Indoor unit combination				AU*G18LVLB × 3	AB*G18LVTB × 3	AR*G18LLTB × 3
Power source				230V ~ 50Hz		
Available voltage range				198V - 264V		
Capacity	Cooling	Rated	kW	13.3	13.3	13.3
			Btu/h	45,400	45,400	45,400
		Min. - Max.	kW	5.4 - 14.0	5.4 - 14.0	5.4 - 14.0
	Btu/h		18,400 - 47,700	18,400 - 47,700	18,400 - 47,700	
	Heating	Rated	kW	16.0	16.0	16.0
			Btu/h	54,600	54,600	54,600
Min. - Max.		kW	5.8 - 16.7	5.8 - 16.7	5.8 - 16.7	
	Btu/h	19,800 - 56,900	19,800 - 56,900	19,800 - 56,900		
Input power	Cooling	Rated	kW	4.23	4.23	4.14
				Max.	4.67	4.67
	Heating	Rated		4.53	4.53	4.34
				Max.	4.78	4.78
Current	Cooling	Rated	A	18.8	18.8	18.4
	Heating			20.1	20.1	19.3
Power factor	Cooling		%	98	98	98
	Heating			98	98	98
EER	Cooling	Rated	kW/kW	3.14	3.14	3.21
COP	Heating			3.53	3.53	3.68
Starting current			A	20.1	20.1	19.3
Maximum operating current			A	21.5	21.5	21.5
Fan	Airflow rate	Cooling	m ³ /h	6850	6850	6850
		Heating		6750	6750	6750
	Type × Q'ty		Propeller × 2			
	Motor output		W	100 × 2		
Sound pressure level *1	Cooling		dB (A)	55	55	55
	Heating			57	57	57
Sound power level	Cooling		dB (A)	71	71	71
	Heating			72	72	72
Heat exchanger type	Dimensions (H × W × D)		mm	1260 × 900 × 36.4		
	Fin pitch			1.30		
	Rows x Stages			2 × 60		
	Pipe type			Copper		
	Fin	Type (Material)		Corrugate (Aluminium)		
	Surface treatment	Hydrophilic coating (Blue fin)				
Compressor	Type × Q'ty		Twin Rotary × 1			
	Motor output		W	3750		
Refrigerant	Type (Global Warming Potential)		R410A (1975)			
	Charge		g	3450		
Refrigerant oil	Type		POE			
	Amount		cm ³	1550		
Enclosure	Material		Steel sheet			
	Colour		Beige Approximate color of MUNSELL 10YR7.5/1.0			
Dimensions (H × W × D)	Net		mm	1290 × 900 × 330		
	Gross			1460 × 1050 × 445		
Weight	Net		kg	93		
	Gross			103		
Connection pipe	Size (Standard)	Liquid	mm	Ø 9.52 (Ø 3/8 in.)		
		Gas		Ø 15.88 (Ø 5/8 in.)		
	Method		Flare			
	Pre-charge length		m	30		
	Max. length			75		
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.)		

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