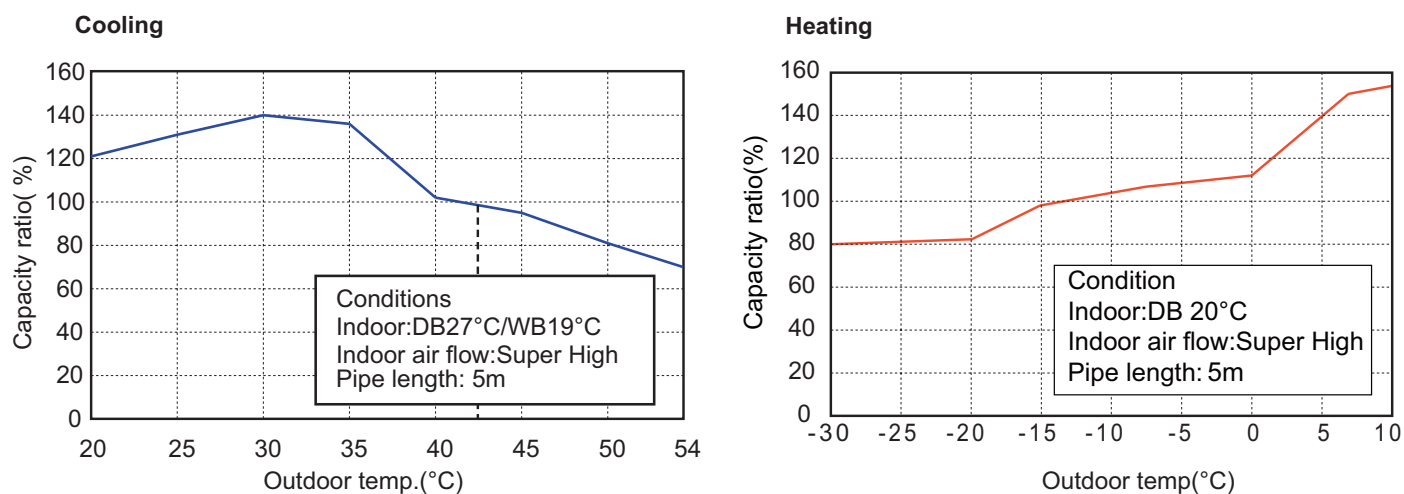


2. Specifications

2.1 Specification Sheet

Model			GWH12YD-S6DBA1A GWH12YD-S6DBA2A	GWH12YD-S6DBA1A
Product Code			CB437003001 CB466000204	CB437003008
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50/60	50/60
	Phases		1	1
Power Supply Mode			Outdoor	Outdoor
Cooling Capacity		W	3530	3530
Heating Capacity		W	4200	4200
Cooling Power Input		W	840	840
Heating Power Input		W	950	950
Cooling Power Current		A	5.10	5.10
Heating Power Current		A	5.70	5.70
Rated Input		W	2600	2600
Rated Current		A	8.2	8.2
Air Flow Volume(SH/H/MH/M/ML/L/SL)		m ³ /h	800/730/680/630/580/450/350/250	800/730/680/630/580/450/350/250
Dehumidifying Volume		L/h	1.40	1.40
EER		W/W	4.20	4.20
COP		W/W	4.42	4.42
SEER		W/W	8.50	8.50
HSPF		W/W	/	/
Application Area		m ²	16-24	16-24
Indoor Unit	Model of indoor unit		GWH12YD-S6DBA1A/I GWH12YD-S6DBA2A/I	GWH12YD-S6DBA1A/I
	Indoor Unit Product Code		CB437N03001 CB466N00204	CB437N03001
	Fan Type		Cross-flow	Cross-flow
	Diameter Length(DXL)		mm	Φ106X706
	Fan Motor Cooling Speed		r/min	1200/1100/1030/960/820/650/600/500
	Fan Motor Heating Speed		r/min	1300/1200/1120/1040/880/700/650
	Output of Fan Motor		W	60
	Fan Motor RLA		A	0.24
	Fan Motor Capacitor		μF	/
	Input of Heater		W	/
	Evaporator Form			Aluminum Fin-copper Tube
	Pipe Diameter		mm	Φ7
	Row-fin Gap		mm	2-1.4
	Coil Length (LXD _X W)		mm	715X25.4X304.8
	Swing Motor Model			MP35CJ/MP24HF
	Output of Swing Motor		W	2.5/1.5
	Fuse		A	3.15
	Sound Pressure Level (SH/H/MH/M/ML/L/SL)		dB (A)	Cooling:44/43/38/36/31/24/22 Heating:45/43/41/38/34/26/24
	Sound Power Level (SH/H/MH/M/ML/L/SL)		dB (A)	Cooling:58/53/48/46/41/34/32 Heating:58/53/51/48/44/36/34
	Dimension (WXHXD)		mm	996X301X225
Dimension of Carton Box (LXWXH)		mm	1057X377X307	
Dimension of Package (LXWXH)		mm	1060X380X322	
Net Weight		kg	13.5	
Gross Weight		kg	16.5	

2.2 Capacity Variation Ratio According to Temperature



2.3 Cooling and Heating Data Sheet in Rated Frequency

Cooling:

Rated cooling condition (°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit
Indoor	Outdoor			T1 (°C)	T2 (°C)		
27/19	35/24	12K	P (MPa) 0.9 to 1.1	12 to 14	75 to 37	Super High	High

Heating:

Rated heating condition (°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit
Indoor	Outdoor			T1 (°C)	T2 (°C)		
20/-	7/6	12K	P (MPa) 2.8 to 3.0	70 to 35	2 to 4	Super High	High

Instruction:

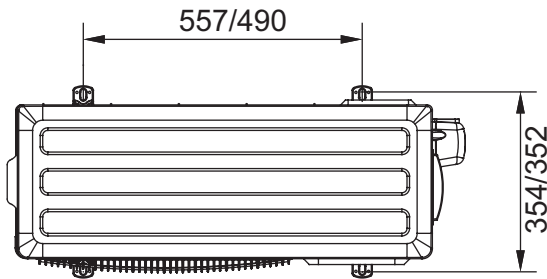
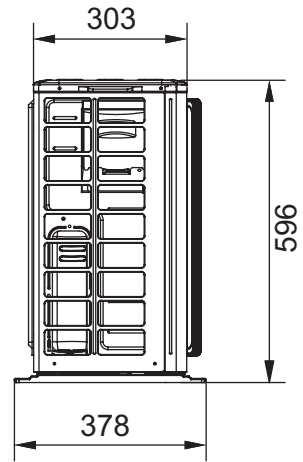
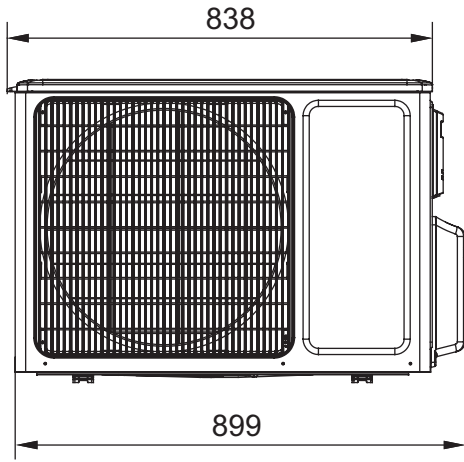
T1: Inlet and outlet pipe temperature of evaporator

T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

Connection pipe length: 5m.

3.2 Outdoor Unit



Unit:mm