

2. Specifications

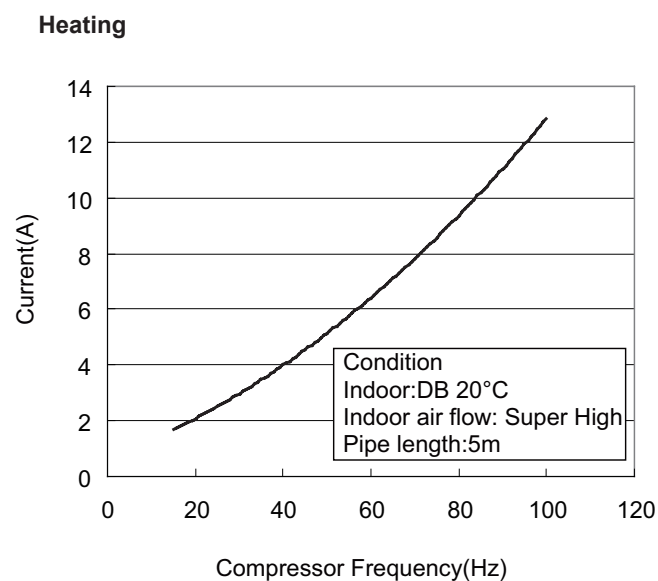
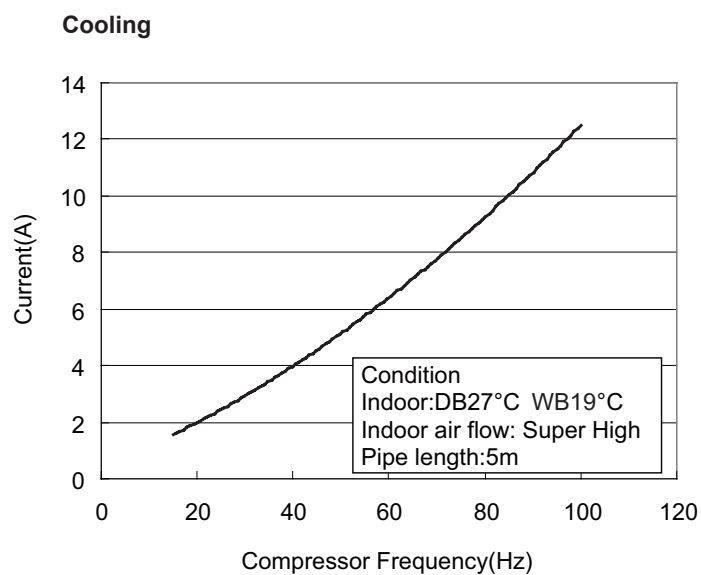
2.1 Specification Sheet

Model			GWH12YD-S6DBA1A GWH12YD-S6DBA2A
Product Code			CB437003001 CB466000204
Power Supply	Rated Voltage	V~	220-240
	Rated Frequency	Hz	50/60
	Phases		1
Power Supply Mode			Outdoor
Cooling Capacity		W	3530
Heating Capacity		W	4200
Cooling Power Input		W	840
Heating Power Input		W	950
Cooling Power Current		A	5.10
Heating Power Current		A	5.70
Rated Input		W	2600
Rated Current		A	12
Air Flow Volume(SH/H/MH/M/ML/L/SL)		m ³ /h	800/730/680/630/580/530/430
Dehumidifying Volume		L/h	1.40
EER		W/W	4.20
COP		W/W	4.42
SEER		W/W	8.50
HSPF		W/W	/
Application Area		m ²	16-24
Indoor Unit	Model of indoor unit		GWH12YD-S6DBA1A/I GWH12YD-S6DBA2A/I
	Indoor Unit Product Code		CB437N03001 CB466N00204
	Fan Type		Cross-flow
	Diameter Length(DXL)	mm	Φ106X706
	Fan Motor Cooling Speed	r/min	1200/1100/1030/960/890/820/750/500
	Fan Motor Heating Speed	r/min	1300/1200/1120/1040/960/880/800/-
	Output of Fan Motor	W	60
	Fan Motor RLA	A	0.09
	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 _{XW})	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)	46/43/41/38/36/34/21
	Sound Power Level (SH/H/MH/M/ML/L/SL)	dB (A)	58/55/53/50/48/46/33
	Dimension (WXH _{XD})	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

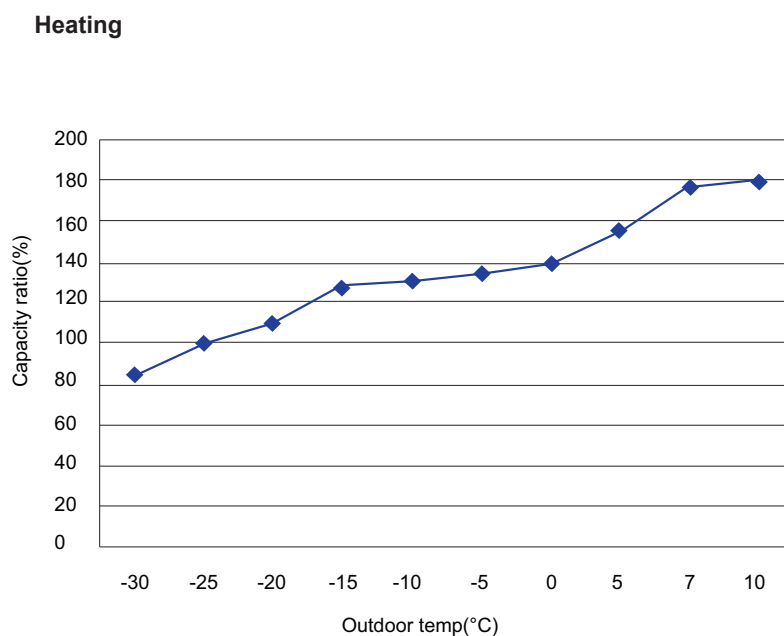
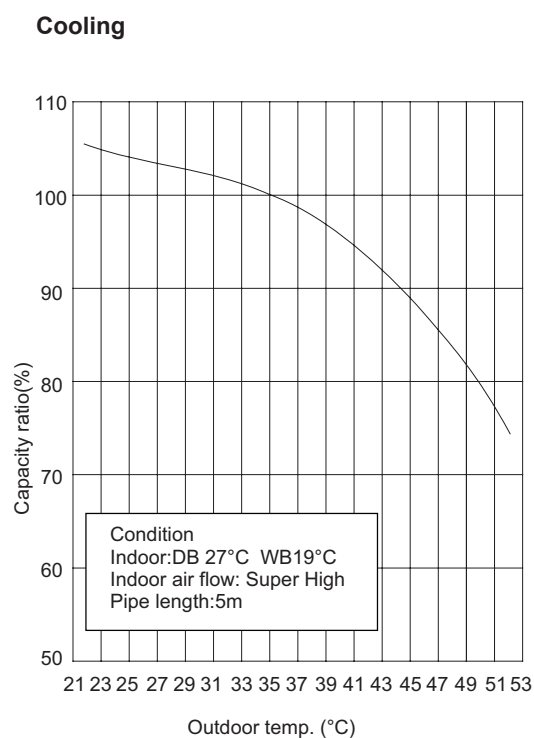
Outdoor Unit	Model of Outdoor Unit		GWH12YD-S6DBA2A/O
	Outdoor Unit Product Code		CB466W00200
	Compressor Manufacturer/Trademark		ZHUHAI LANDA COMPRESSOR CO., LTD
	Compressor Model		QXFT-B123zE170A
	Compressor Oil		FW68DA/equivalent
	Compressor Type		Rotary
	L.R.A.	A	35
	Compressor RLA	A	7.9
	Compressor Power Input	W	1230
	Overload Protector		/
	Throttling Method		Electron expansion valve
	Operation Temp	°C	8~30
	Ambient Temp (Cooling)	°C	-18~54
	Ambient Temp (Heating)	°C	-30~24
	Condenser Form		Aluminum Fin-copper Tube
	Pipe Diameter	mm	Φ7.94
	Rows-fin Gap	mm	2.5-1.4
	Coil Length (LXDXW)	mm	783X57X550
	Fan Motor Speed	rpm	850
	Output of Fan Motor	W	30
	Fan Motor RLA	A	0.24
	Fan Motor Capacitor	μF	/
	Air Flow Volume of Outdoor Unit	m³/h	2400
	Fan Type		Axial-flow
	Fan Diameter	mm	Φ438
	Defrosting Method		Automatic Defrosting
	Climate Type		T1
	Isolation		I
	Moisture Protection		IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	MPa	4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa	2.5
	Sound Pressure Level (H/M/L)	dB (A)	54/-/-
	Sound Power Level (H/M/L)	dB (A)	62/-/-
	Dimension (WXHDXD)	mm	899X596X378
	Dimension of Carton Box (LXWXH)	mm	945X417X630
	Dimension of Package (LXWXH)	mm	948X420X645
	Net Weight	kg	45.5
	Gross Weight	kg	48.5
	Refrigerant		R32
	Refrigerant Charge	kg	1
Connection Pipe	Length	m	5
	Gas Additional Charge	g/m	16
	Outer Diameter Liquid Pipe	mm	Φ6
	Outer Diameter Gas Pipe	mm	Φ9.52
	Max Distance Height	m	20
	Max Distance Length	m	40
	Note: The connection pipe applies metric diameter.		

The above data is subject to change without notice; please refer to the nameplate of the unit.

2.2 Operation Characteristic Curve

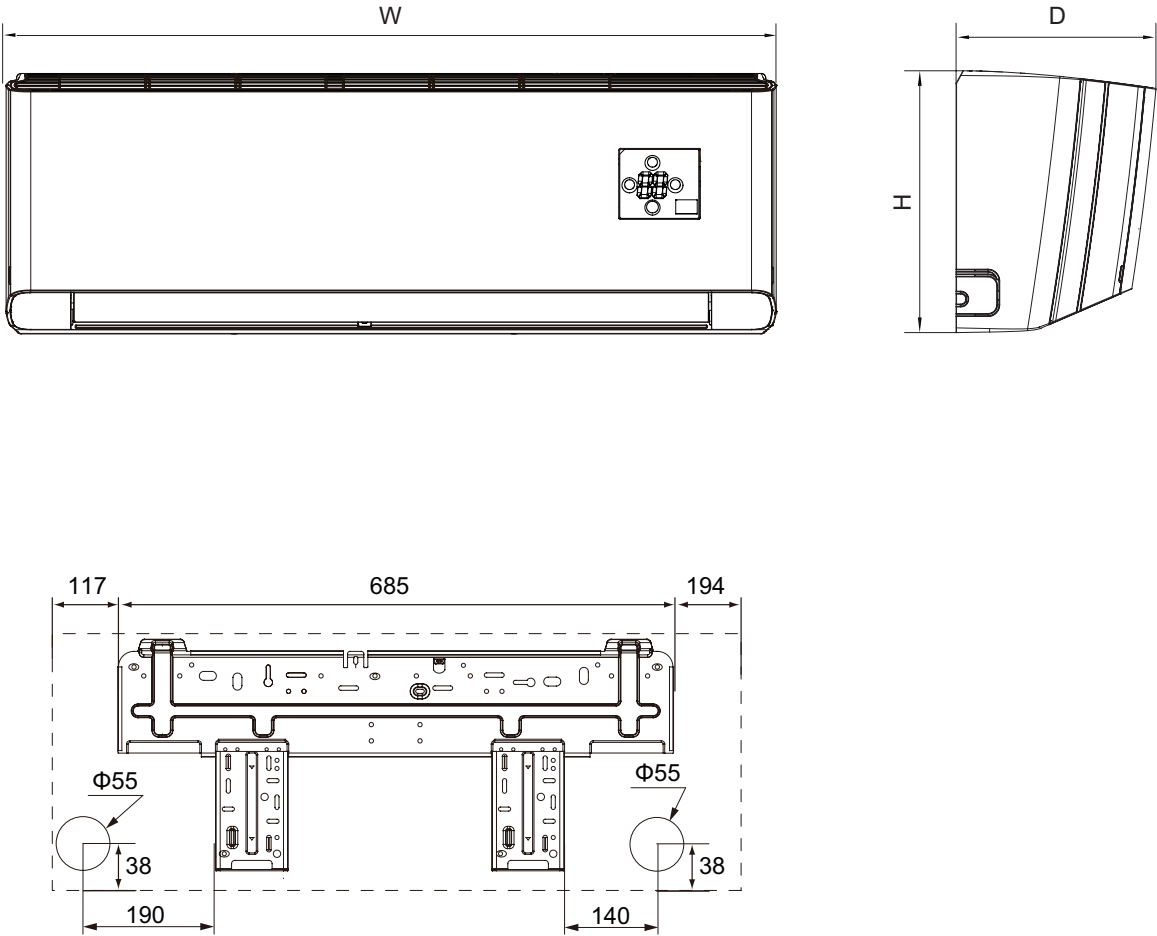


2.3 Capacity Variation Ratio According to Temperature



3. Outline Dimension Diagram

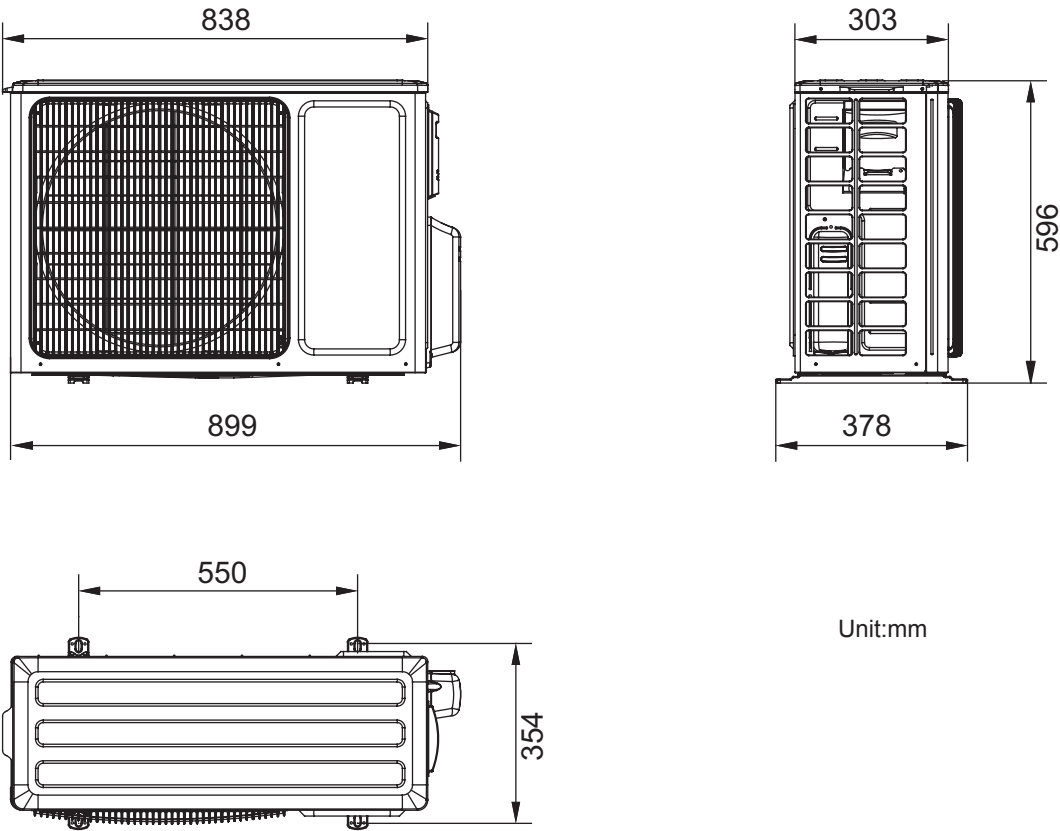
3.1 Indoor Unit



Unit:mm

Model	W	H	D
12K	996	301	225

3.2 Outdoor Unit



Unit:mm