

## 2. Specifications

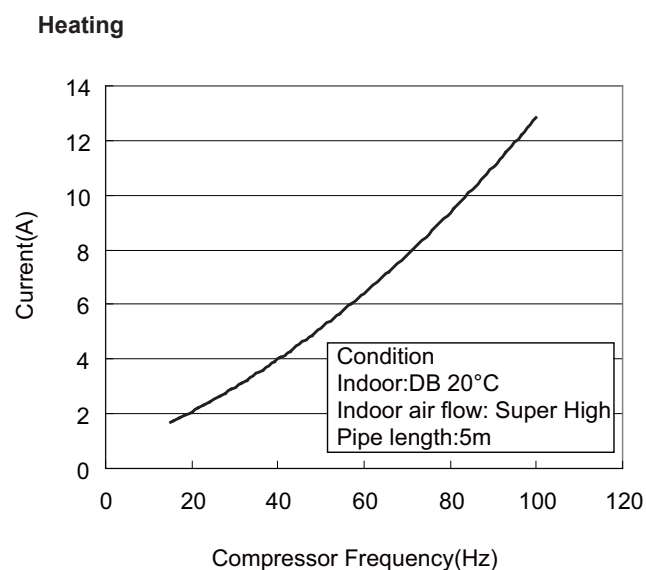
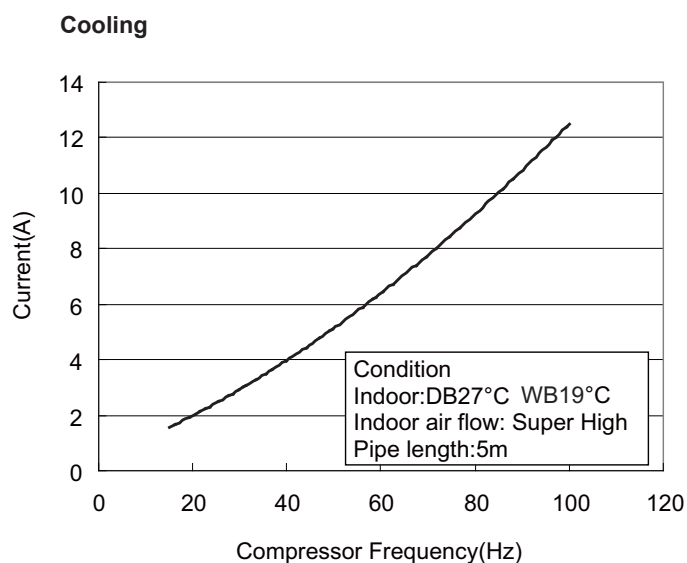
### 2.1 Specification Sheet

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 <sup>3</sup> /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 <sup>2</sup>	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 (LXDXW)		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 (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	

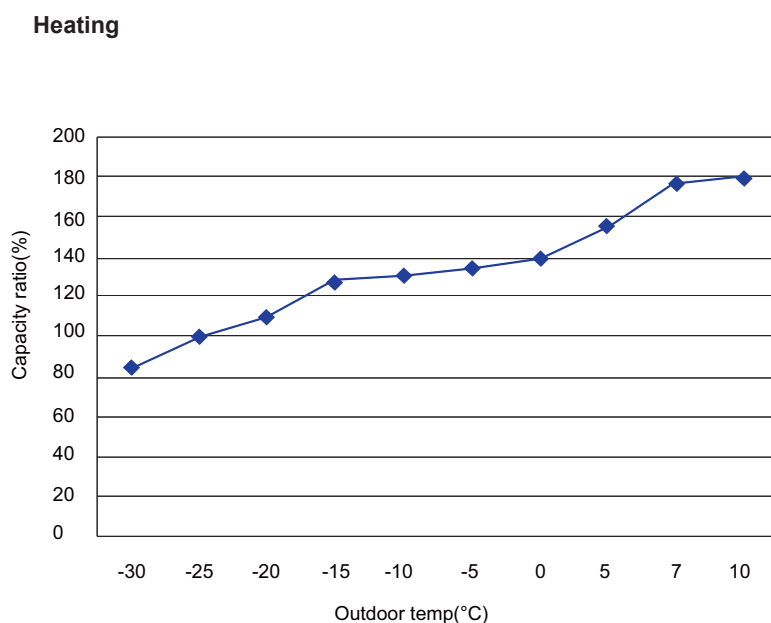
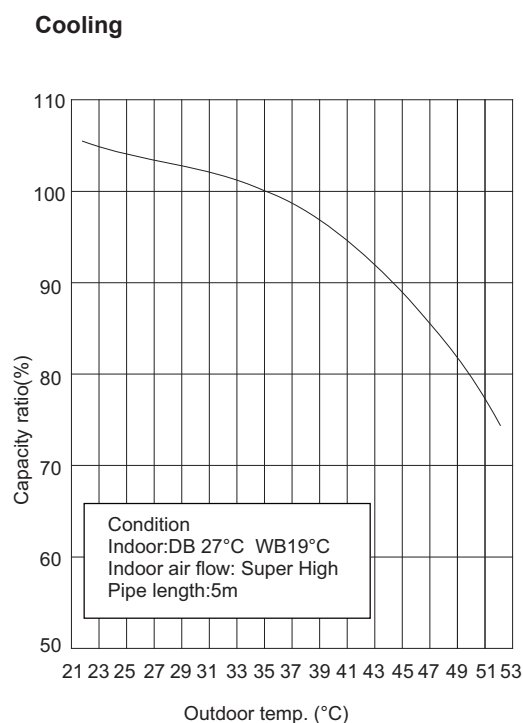
Outdoor Unit	Model of Outdoor Unit		GWH12YD-S6DBA2A/O	
	Outdoor Unit Product Code		CB466W00200	
	Compressor Manufacturer/Trademark		ZHUHAI LANDA COMPRESSOR CO., LTD	
	Compressor Model		QXFT-B123zE170A	
	Compressor Oil		FW68DA/equivalent	
	Compressor Type		Rotary	
	L.R.A.	A		35
	Compressor RLA	A		7.9
	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 (LXD <sub>X</sub> W)	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	m <sup>3</sup> /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 (WXHXD)	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

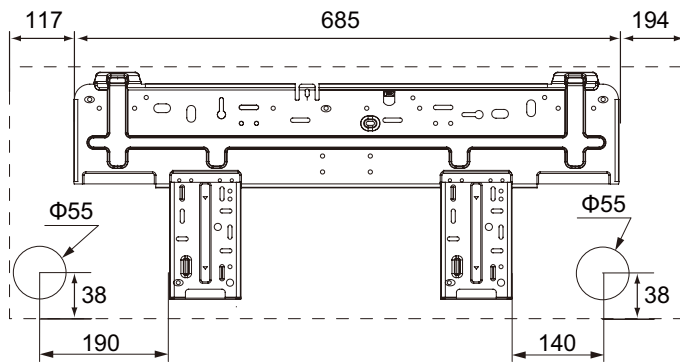
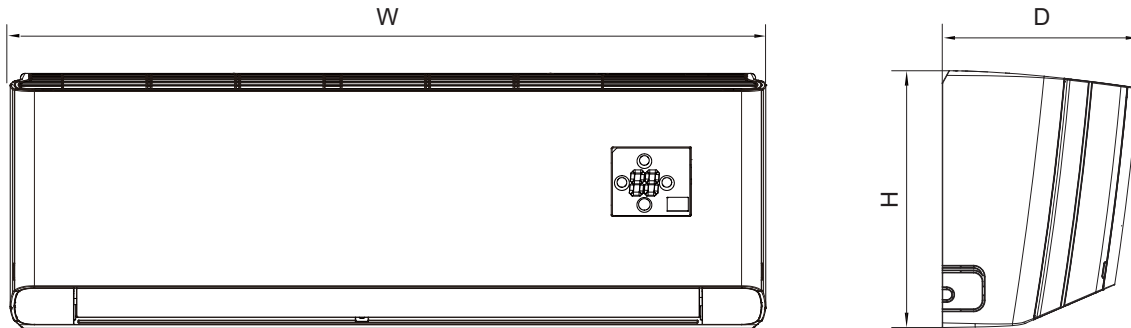


## 2.3 Capacity Variation Ratio According to Temperature



### 3. Outline Dimension Diagram

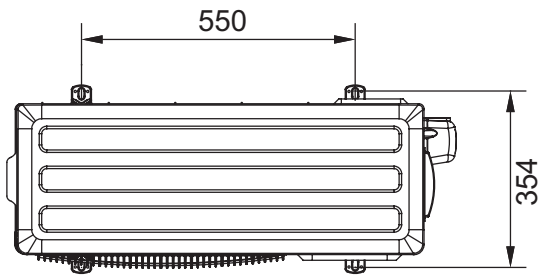
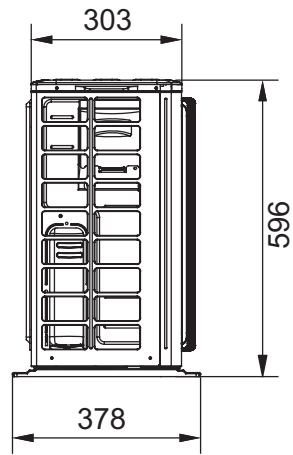
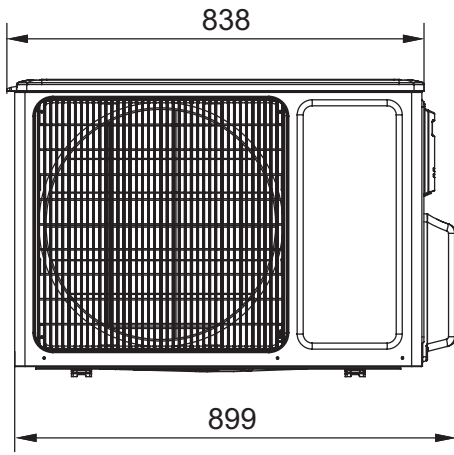
#### 3.1 Indoor Unit



Unit:mm

Model	W	H	D
12K	996	301	225

### 3.2 Outdoor Unit



Unit:mm