

3. Specifications

3.1 Specification Sheet

Basic Parameters

Model		-	1.GWH09AUCXB-K6DNA1A 2.GWH09AUCXB-K6DNA2A
Product Code		-	1.CB575000300/CB575000302/CB575000303/CB575000304/ CB575000307/CB575000311/CB575000313/CB575000314 2.CB597000400/CB597000403/CB597000404/CB597000406/ CB597000407/CB597000408
Power Supply	Rated Voltage	V~	220-240
	Rated Frequency	Hz	50
	Phases	-	1
Power Supply Mode		-	Outdoor
Cooling Capacity		W	2700
Heating Capacity		W	3000
Cooling Power Input		W	670
Heating Power Input		W	680
Cooling Current Input		A	3.1
Heating Current Input		A	3.2
Rated Input		W	1400
Rated Cooling Current		A	6
Rated Heating Current		A	6.2
Air Flow Volume		m ³ /h	610/570/540/470/440/420/390/180
Dehumidifying Volume		L/h	0.8
EER		W/W	4.03
COP		W/W	4.41
SEER		-	8.5
SCOP (Average/Warmer/Colder)		-	4.6/5.7/3.5
Application Area		m ²	12-18

Indoor Unit Parameters

Indoor Unit Model	-	1.GWH09AUCXB-K6DNA1A/I 2.GWH09AUCXB-K6DNA2A/I
Indoor Unit Product Code	-	1.CB575N00300/CB575N00302/CB575N00303/CB575N00304/ CB575N00306/CB575N00311/CB575N00313/CB575N00314 2.CB597N00400/CB597N00402/CB597N00404/CB597N00406/ CB597N00407/CB597N00408
Fan Type	-	Cross-flow
Fan Diameter Length (D×L)	mm	Φ98X633.5
Cooling Speed	r/min	1200/1100 /1050/950/800/700/650/500
Heating Speed	r/min	1200/1100 /1040/950/900/880/850
Fan Motor Power Output	W	15
Fan Motor RLA	A	0.22
Fan Motor Capacitor	μF	/
Evaporator Form	-	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	Φ5
Evaporator Row-fin Gap	mm	2-1.4
Evaporator Coil Length (L×D×W)	mm	635X22.8X306.3
Swing Motor Model	-	MP24HF/MP24AK/MP24BA
Swing Motor Power Output	W	1.5/1.5/1.5
Fuse Current	A	3.15
Sound Pressure Level	dB (A)	Cooling:38/37/34/31/26/23/22/19 Heating:39/37/34/31/30/29/28
Sound Power Level	dB (A)	Cooling:58/51/48/45/40/37/36/33 Heating:58/51/48/45/44/43/42
Dimension (W×H×D)	mm	837X293X200
Dimension of Carton Box (L×W×H)	mm	891X357X261
Dimension of Package (L×W×H)	mm	896X373X272
Net Weight	kg	9.5
Gross Weight	kg	11.5

Outdoor Unit Parameters

Outdoor Unit Model	-	GWH09AUCXB-K6DNA1A/O(LCLH)
Outdoor Unit Product Code	-	CB575W00300
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO.,LTD
Compressor Model	-	QXF-A082zC170
Compressor Oil	-	ZE-G;ES RB68GX or equivalent
Compressor Type	-	Rotary
Compressor LRA	A	15
Compressor RLA	A	2.56
Compressor Power Input	W	756.6
Compressor Overload Protector	-	/
Throttling Method	-	Capillary
Set Temperature Range	°C	Cooling:16~30; Heating:8~30
Cooling Operation Ambient Temperature Range	°C	-15~50
Heating Operation Ambient Temperature Range	°C	-25~30
Condenser Form	-	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	Φ7
Condenser Rows-fin Gap	mm	1-1.2
Condenser Coil Length (L×D×W)	mm	666X19.05X527
Fan Motor Speed	rpm	850
Fan Motor Power Output	W	30
Fan Motor RLA	A	0.4
Fan Motor Capacitor	μF	/
Outdoor Unit Air Flow Volume	m ³ /h	1950
Fan Type	-	Axial-flow

Fan Diameter	mm	Φ400
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	dB (A)	50
Sound Power Level	dB (A)	61
Dimension (W×H×D)	mm	732X555X330
Dimension of Carton Box (L×W×H)	mm	791X373X590
Dimension of Package (L×W×H)	mm	794X376X615
Net Weight	kg	25
Gross Weight	kg	27.5
Refrigerant	-	R32
Refrigerant Charge	kg	0.53

Connection Pipe Parameters

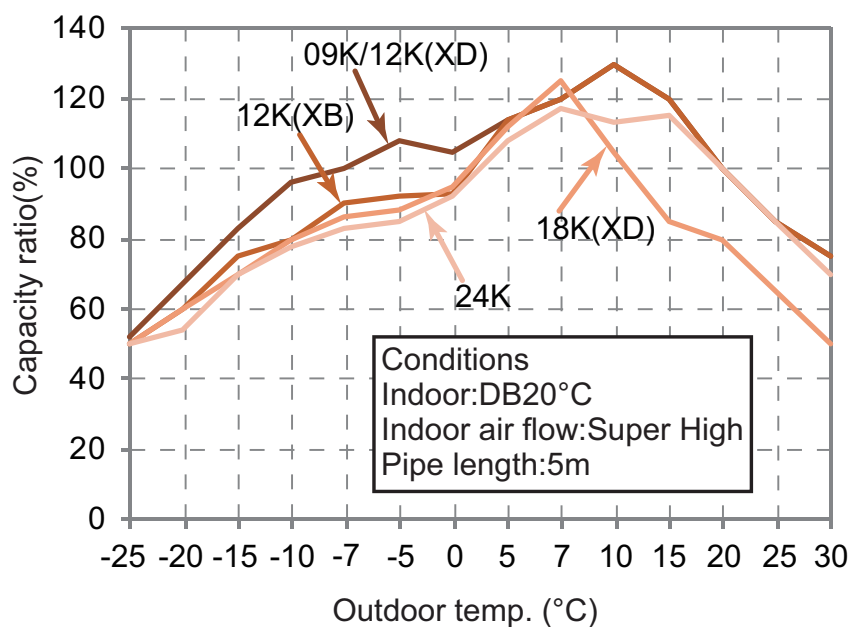
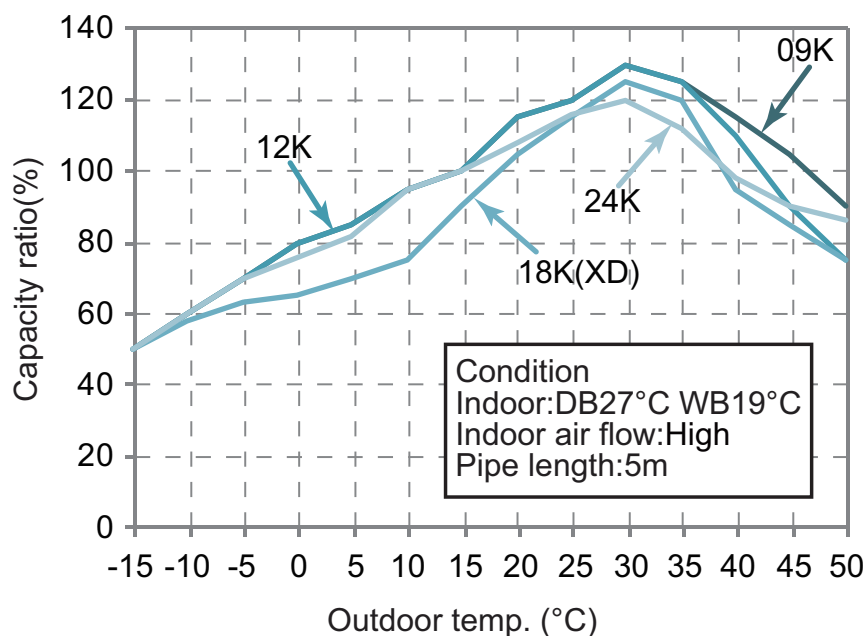
Connection Pipe Length	m	5
Connection Pipe Gas Additional Charge	g/m	16
Outer Diameter Liquid Pipe	inch	1/4
Outer Diameter Gas Pipe	inch	3/8
Max Distance Height	m	10
Max Distance Length	m	15

*Note: The connection pipe applies metric diameter.
The above data is subject to change without notice. Please refer to the nameplate of the unit.*

3.2 Capacity Variation Ratio According to Temperature

Heating operation ambient temperature range is -25°C~30°C.

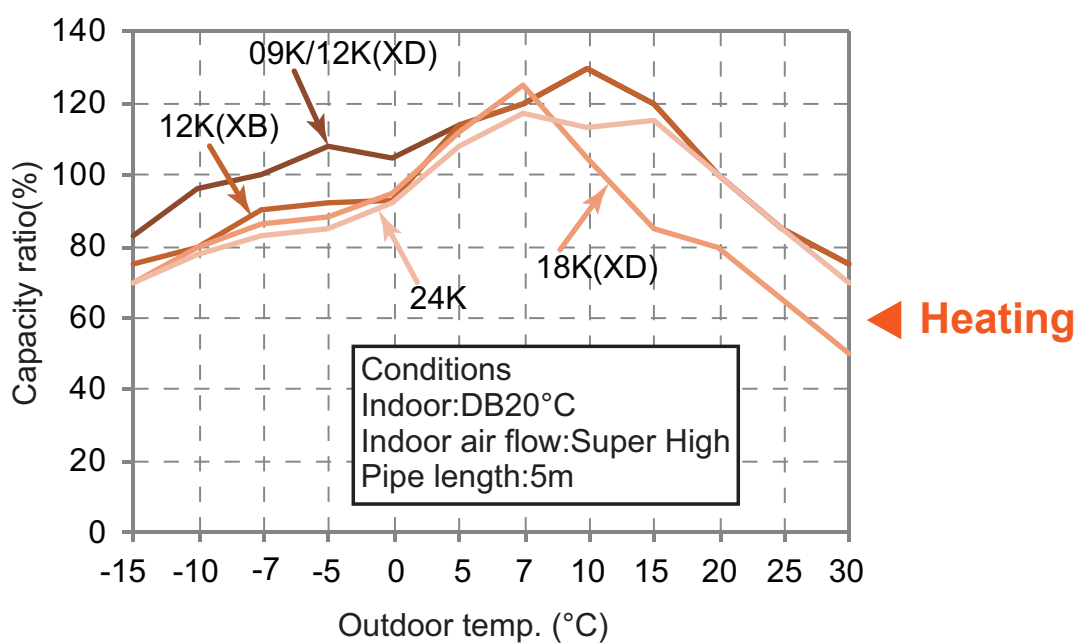
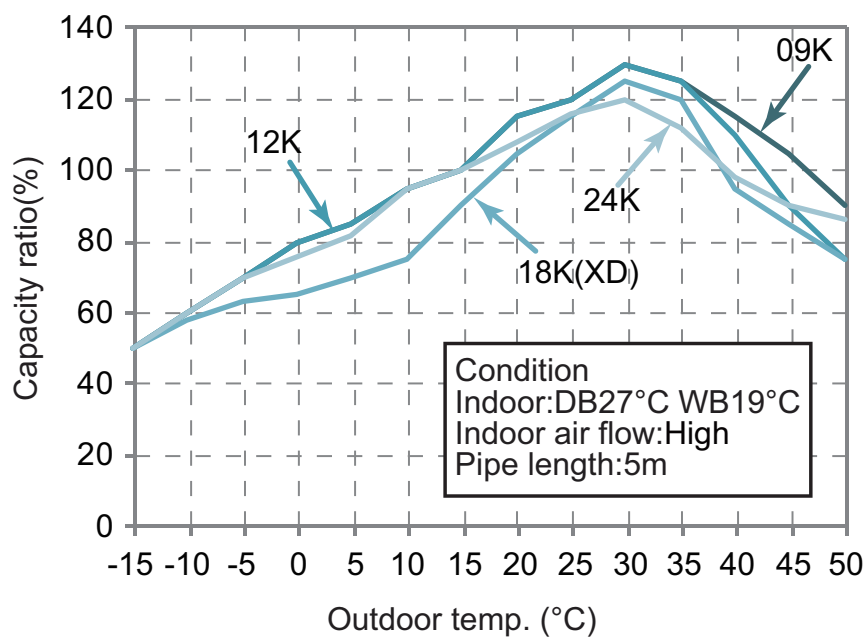
Cooling ►



◄ Heating

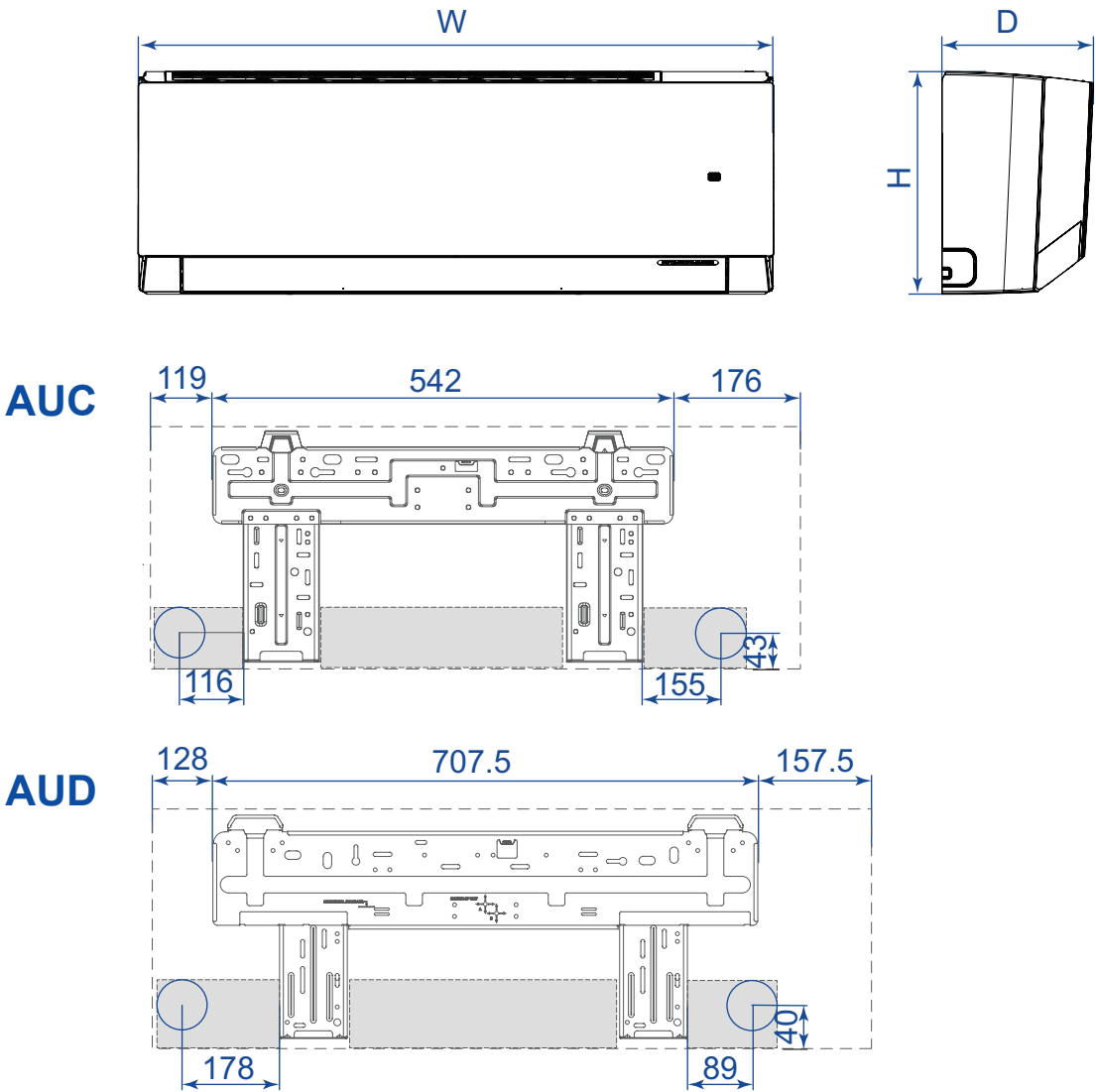
Heating operation ambient temperature range is $-15^{\circ}\text{C}\sim 30^{\circ}\text{C}$.

Cooling ►



4. Outline Dimension Diagram

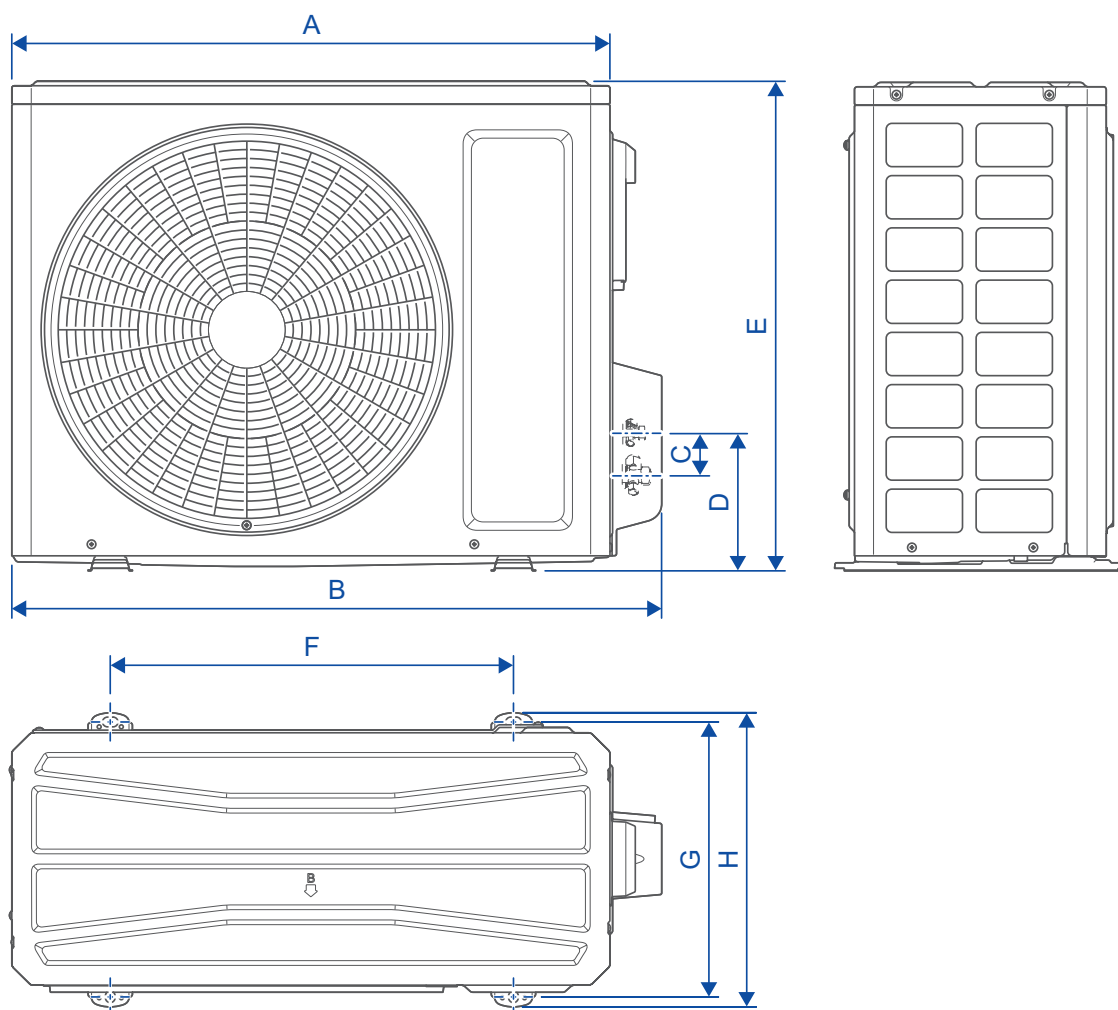
4.1 Indoor Unit



Unit: mm

Indoor Unit Model	W	H	D
AUC	837	293	200
AUD	993	311	222

4.2 Outdoor Unit



NOTE: The appearance of outdoor unit is for reference only.

Unit: mm

Outdoor Unit Model	A	B	C	D	E	F	G	H
XB	675	732	65	163	555	455	310	330
XD	745	802	65	163	555	513	331	350
XE	805	873	65	164	555	528	349	376
XF	889	958	65	165.6	660	570	371	402