

Basic Parameters

Model	-	GWH18BCDXE-K6DNA1A
Product Code	-	CB665002301
Power Supply	Rated Voltage	V~ 220-240
	Rated Frequency	Hz 50
	Phases	- 1
Power Supply Mode	-	Outdoor
Cooling Capacity	W	5100
Heating Capacity	W	5600
Cooling Power Input	W	1417
Heating Power Input	W	1365
Cooling Current Input	A	6.4
Heating Current Input	A	6.2
Rated Input	W	2300
Rated Cooling Current	A	11.5
Rated Heating Current	A	11.5
Air Flow Volume	m ³ /h	1000/960/870/810/720/640/600/480
Dehumidifying Volume	L/h	1.80
EER	W/W	3.6
COP	W/W	4.1
SEER	-	8.5
SCOP (Average/Warmer/Colder)	-	4.6/5.8/3.7
Application Area	m ²	23-34

Indoor Unit Parameters

Indoor Unit Model	-	GWH18BCDXE-K6DNA1A/I
Indoor Unit Product Code	-	CB665N02301
Fan Type	-	Cross-flow
Fan Diameter Length (DXL)	mm	Φ108X691
Cooling Speed	r/min	1150/1100/1030/960/800/750/700/600
Heating Speed	r/min	1200/1150/1040/980/930/880/800
Fan Motor Power Output	W	45
Fan Motor RLA	A	0.25
Fan Motor Capacitor	μF	/
Evaporator Form	-	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	Φ5
Evaporator Row-fin Gap	mm	2-1.2
Evaporator Coil Length (LXDXW)	mm	701X22.8X381
Swing Motor Model	-	MP35CJ/MP24HF
Swing Motor Power Output	W	2.5/1.5
Fuse Current	A	5
Sound Pressure Level	dB (A)	Cooling:47/45/43/41/35/33/30/26 Heating:47/45/42/40/38/36/33
Sound Power Level	dB (A)	Cooling:60/58/56/54/48/46/43/39 Heating:60/58/55/53/51/49/46
Dimension (WXHxD)	mm	1006X333X250
Dimension of Carton Box (LXWXH)	mm	1054X398X318
Dimension of Package (LXWXH)	mm	1059X406X328
Net Weight	kg	14
Gross Weight	kg	16.5

Outdoor Unit Parameters

Outdoor Unit Model	-	GWH18AWDXE-K6DNA4A/O
Outdoor Unit Product Code	-	CB622W03201
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
Compressor Model	-	QXF-M130zF170
Compressor Oil	-	FW68DA or equivalent
Compressor Type	-	Rotary
Compressor LRA.	A	22
Compressor RLA	A	5.36
Compressor Power Input	W	1196
Compressor Overload Protector	-	/
Throttling Method	-	Electron expansion valve
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	Φ7.94
Condenser Rows-fin Gap	mm	2-1.4
Condenser Coil Length (LXDXW)	mm	833X38.1X528
Fan Motor Speed	rpm	970
Fan Motor Power Output	W	85
Fan Motor RLA	A	1
Fan Motor Capacitor	μF	/
Outdoor Unit Air Flow Volume	m ³ /h	3000
Fan Type	-	Axial-flow

Fan Diameter	mm	Φ445
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)	59
Sound Power Level	dB (A)	65
Dimension (WXHxD)	mm	873X555X376
Dimension of Carton Box (LXWXH)	mm	948X428X591
Dimension of Package (LXWXH)	mm	951X431X620
Net Weight	kg	37
Gross Weight	kg	40
Refrigerant	-	R32
Refrigerant Charge	kg	0.95

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	1/2"
Max Distance Height	m	10
Max Distance Length	m	25

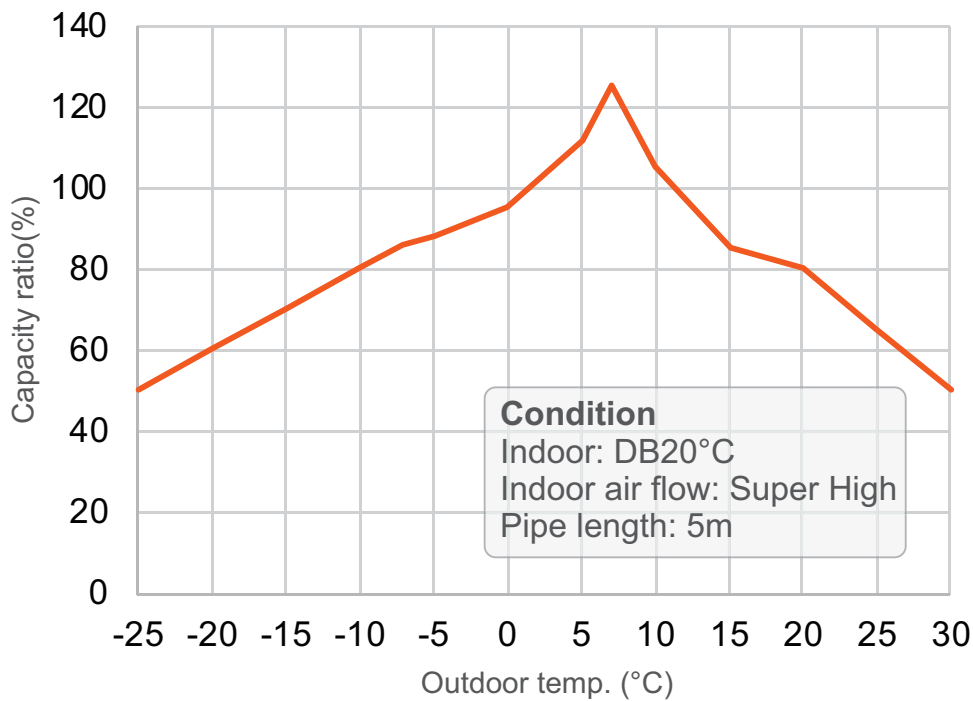
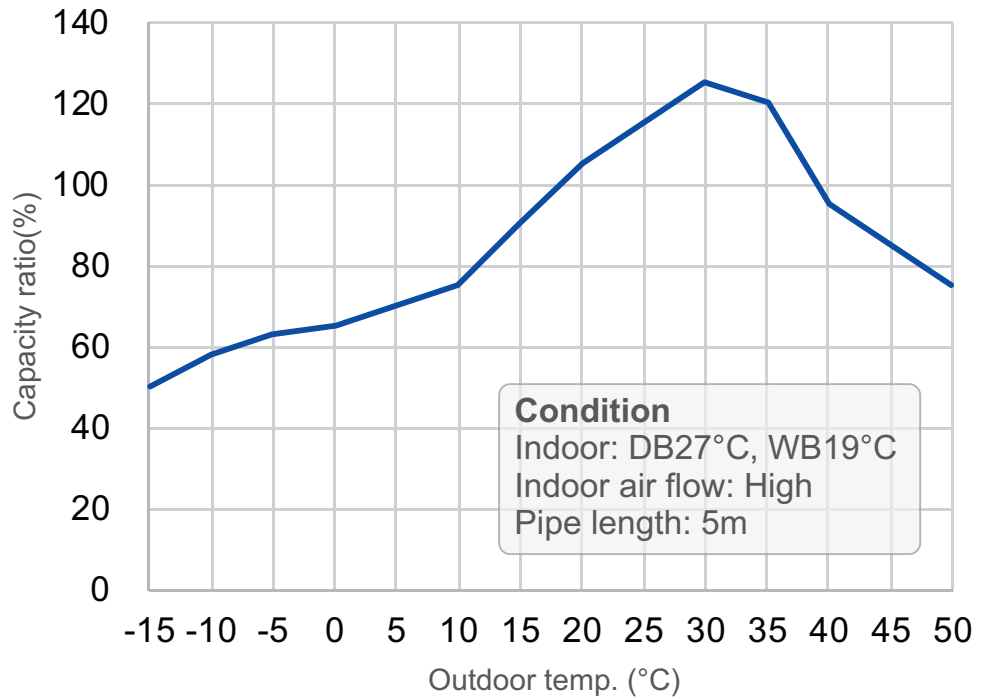
Note: The connection pipe applies metric diameter.

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

18K

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

Cooling ►



◀ Heating

3.3 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			P (MPa)	T1 (°C)		
27/19	35/24	09K	0.8 ~ 1.1	in: 12 out: 15	in: 68 out: 38	Super High	High
27/19	35/24	12K	0.9 ~ 1.1	in: 12 out: 14	in: 75 out: 37	Super High	High
27/19	35/24	18K	0.9 ~ 1.1	in: 12 out: 14	in: 75 out: 37	Super High	High
27/19	35/24	24K	0.9 ~ 1.1	in: 12 out: 14	in: 75 out: 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			P (MPa)	T1 (°C)		
20/-	7/6	09K	2.8 ~ 3.2	in: 63 out: 35	in: 2 out: 5	Super High	High
20/-	7/6	12K	2.2 ~ 2.4	in: 70 out: 35	in: 2 out: 4	Super High	High
20/-	7/6	18K	2.2 ~ 2.4	in: 70 out: 35	in: 1 out: 5	Super High	High
20/-	7/6	24K	2.2 ~ 2.4	in: 70 out: 35	in: 2 out: 4	Super High	High

Instruction

T1: Inlet and outlet pipe temperature of evaporator

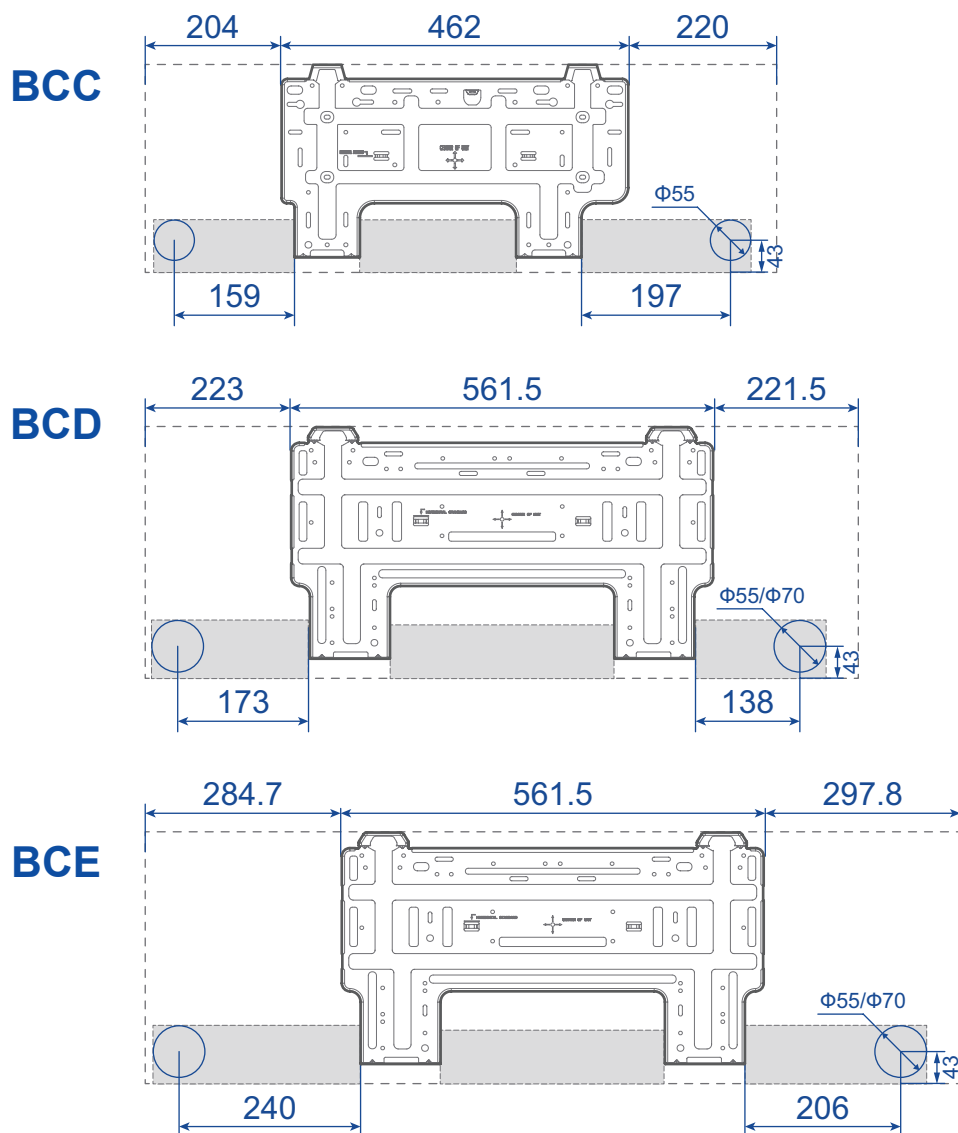
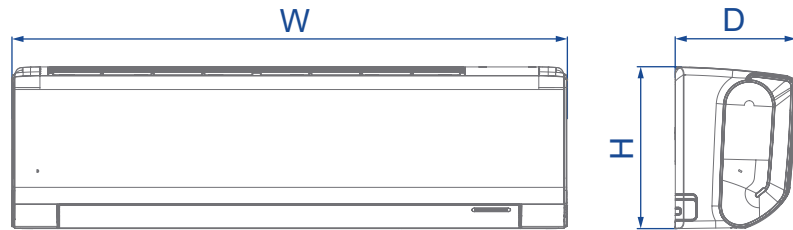
T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

Connection pipe length: 5 m.

4. Outline Dimension Diagram

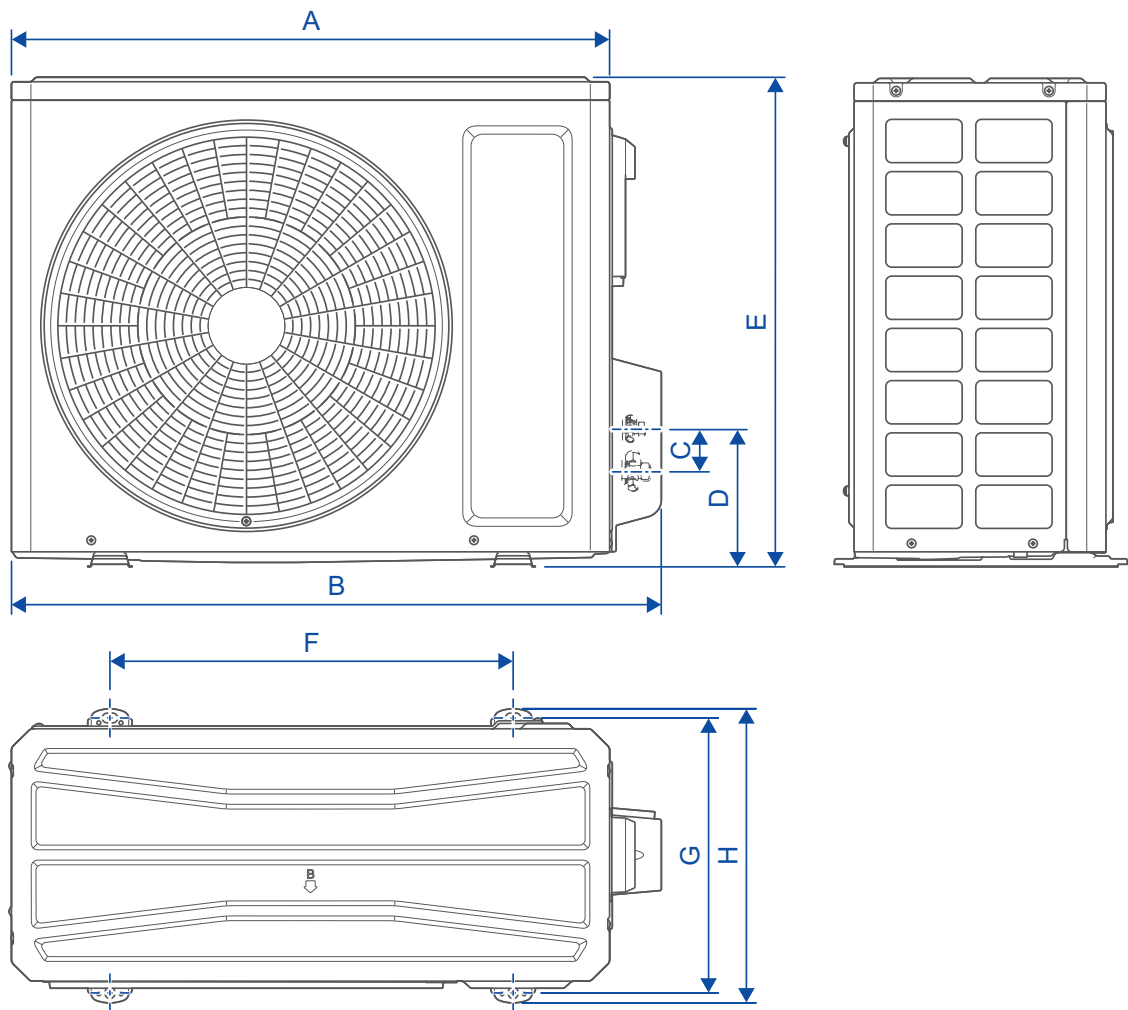
4.1 Indoor Unit



Unit: mm

Indoor Unit Model	W	H	D
BCC	886	276	209
BCD	1006	333	250
BCE	1144	222	250

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