

Basic Parameters

Model		-	GWH18AGD-K6DNA2W
Product Code		-	CB543000801
Power Supply	Rated Voltage	V~	220-240
	Rated Frequency	Hz	50
	Phases	-	1
Power Supply Mode		-	Outdoor
Cooling Capacity		W	5300
Heating Capacity		W	5600
Cooling Power Input		W	1501
Heating Power Input		W	1393
Cooling Current Input		A	7.2
Heating Current Input		A	6.3
Rated Input		W	2350
Rated Cooling Current		A	10
Rated Heating Current		A	10.5
Air Flow Volume		m ³ /h	1000/850/760/650/580/520/450
Dehumidifying Volume		L/h	1.9
EER		W/W	3.53
COP		W/W	4.02
SEER		-	7.3
SCOP (Average/Warmer/Colder)		-	4.2/5.7/3.5
Application Area		m ²	23-34

Indoor Unit Parameters

Indoor Unit Model	-	GWH18AGD-K6DNA2W/I
Indoor Unit Product Code	-	CB543N00800
Fan Type	-	Cross-flow
Fan Diameter Length (D×L)	mm	Φ106×739
Cooling Speed	r/min	1300/1150/1030/960/800/700/650/500
Heating Speed	r/min	1300/1150/1040/950/900/880/800
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	2-1.3
Evaporator Coil Length (L×D×W)	mm	745×22.8×342.9
Swing Motor Model	-	MP24AK/MP24BA/MP24HF
Swing Motor Power Output	W	1.5/1.5/1.5
Fuse Current	A	3.15
Sound Pressure Level	dB (A)	Cooling: 45/42/41/37/34/29/26/23 Heating: 48/44/42/37/36/35/32
Sound Power Level	dB (A)	Cooling: 60/55/54/50/47/42/39/36 Heating: 60/57/55/50/49/48/45
Dimension (W×H×D)	mm	982X311X221
Dimension of Carton Box (L×W×H)	mm	1039X377X287
Dimension of Package (L×W×H)	mm	1044X385X297
Net Weight	kg	12.5
Gross Weight	kg	15

Outdoor Unit Parameters

Outdoor Unit Model	-	GWH18AGD-K6DNA1W/O
Outdoor Unit Product Code	-	CB385W09101
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO., LTD.
Compressor Model	-	QXF-A120zH170A
Compressor Oil	-	FW68DA or equivalent
Compressor Type	-	Rotary
Compressor LRA	A	18
Compressor RLA	A	5
Compressor Power Input	W	1096
Compressor Overload Protector	-	HPC115/95U1/KSD115°C
Throttling Method	-	Electron expansion valve
Set Temperature Range	°C	16~30
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	2-1.4
Condenser Coil Length (L×D×W)	mm	895×38.1×528
Fan Motor Speed	rpm	880
Fan Motor Power Output	W	30
Fan Motor RLA	A	0.4
Fan Motor Capacitor	μF	/
Outdoor Unit Air Flow Volume	m ³ /h	2200
Fan Type	-	Axial-flow

Fan Diameter	mm	Φ420
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)	56
Sound Power Level	dB (A)	65
Dimension (W×H×D)	mm	802X555X350
Dimension of Carton Box (L×W×H)	mm	869X395X594
Dimension of Package (L×W×H)	mm	872X398X620
Net Weight	kg	30.5
Gross Weight	kg	33.5
Refrigerant	-	R32
Refrigerant Charge	kg	0.85

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

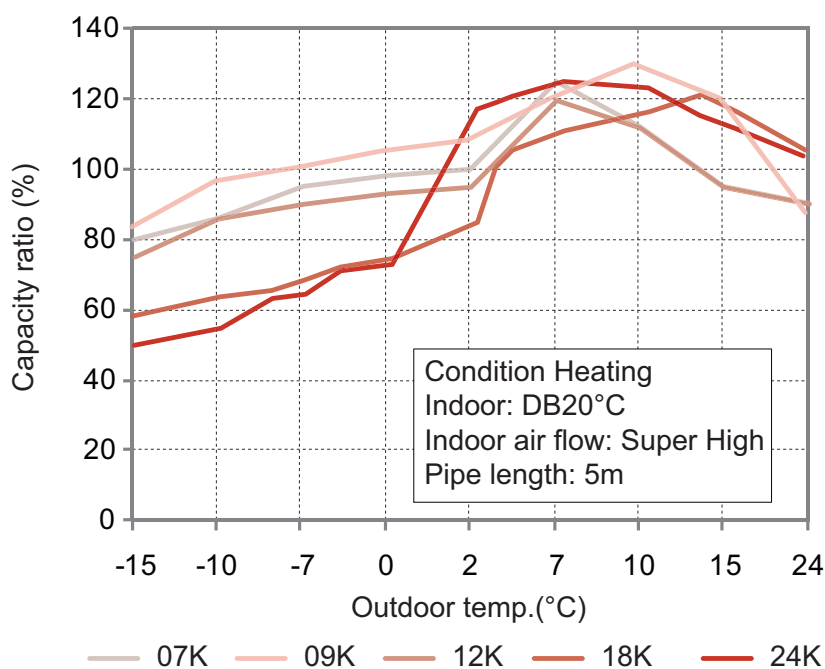
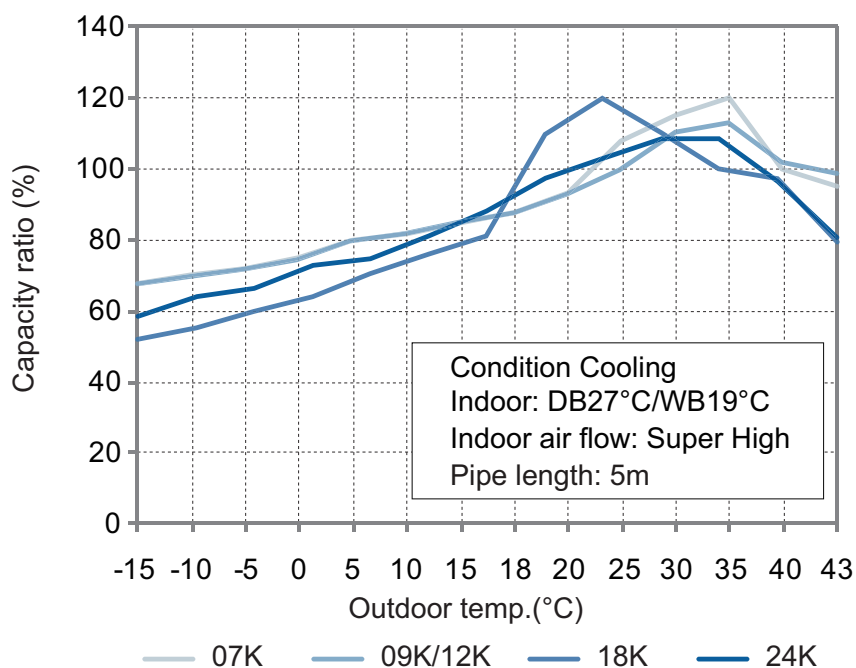
Note: The connection pipe applies metric diameter.

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

3.2 Capacity Variation Ratio According to Temperature

The models for 07K ~ 24K with heating operation ambient temperature range of -15°C~24°C

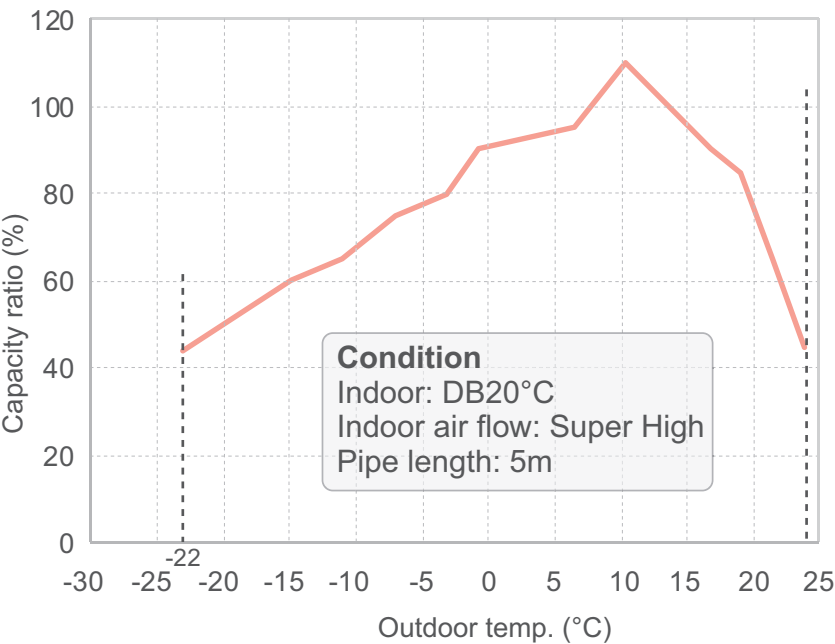
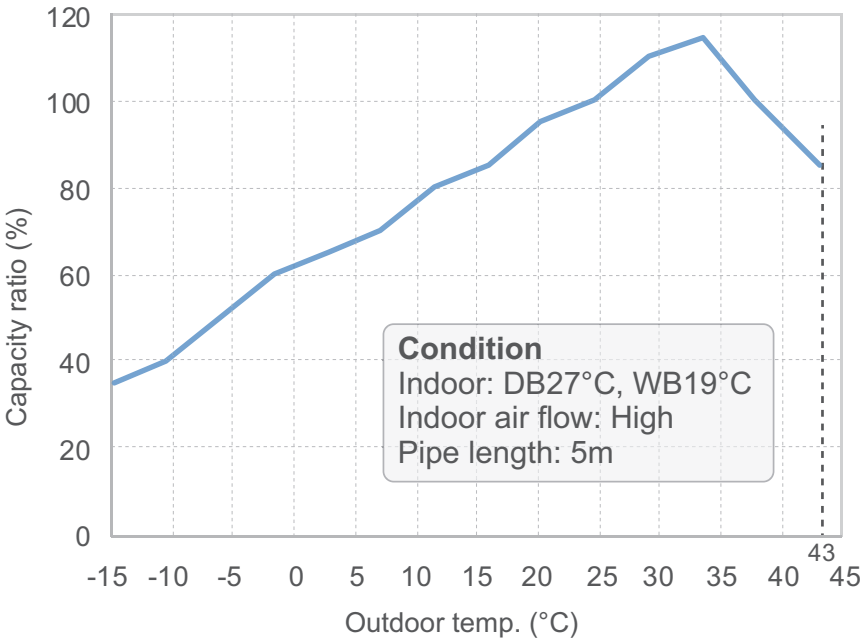
Cooling ►



◀ Heating

The models for 09K with heating operation ambient temperature range of -15°C~24°C

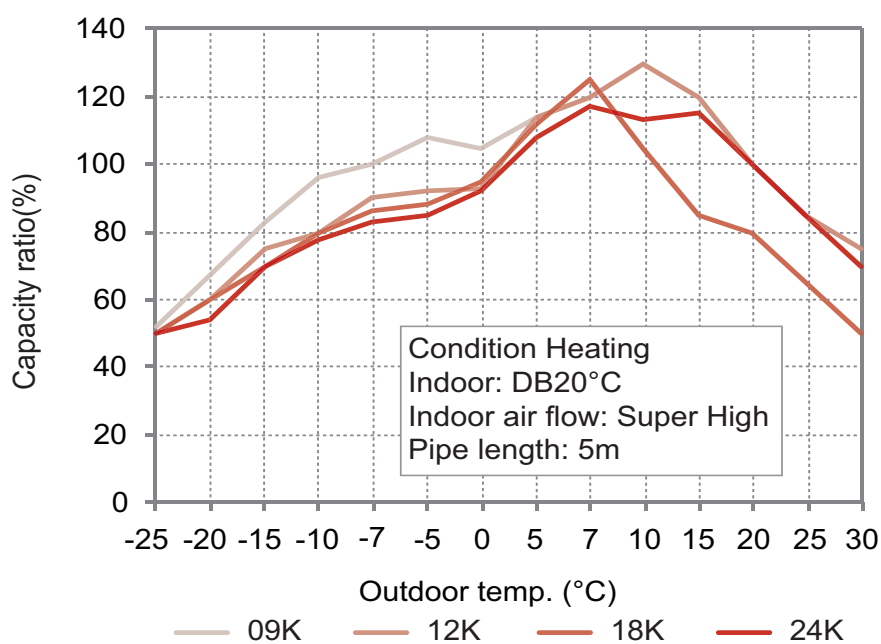
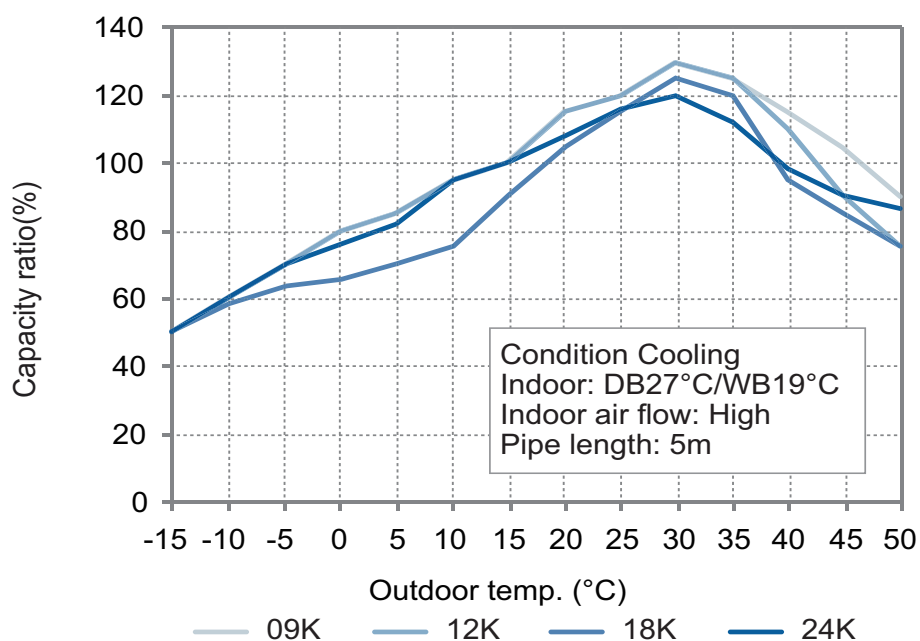
Cooling ►



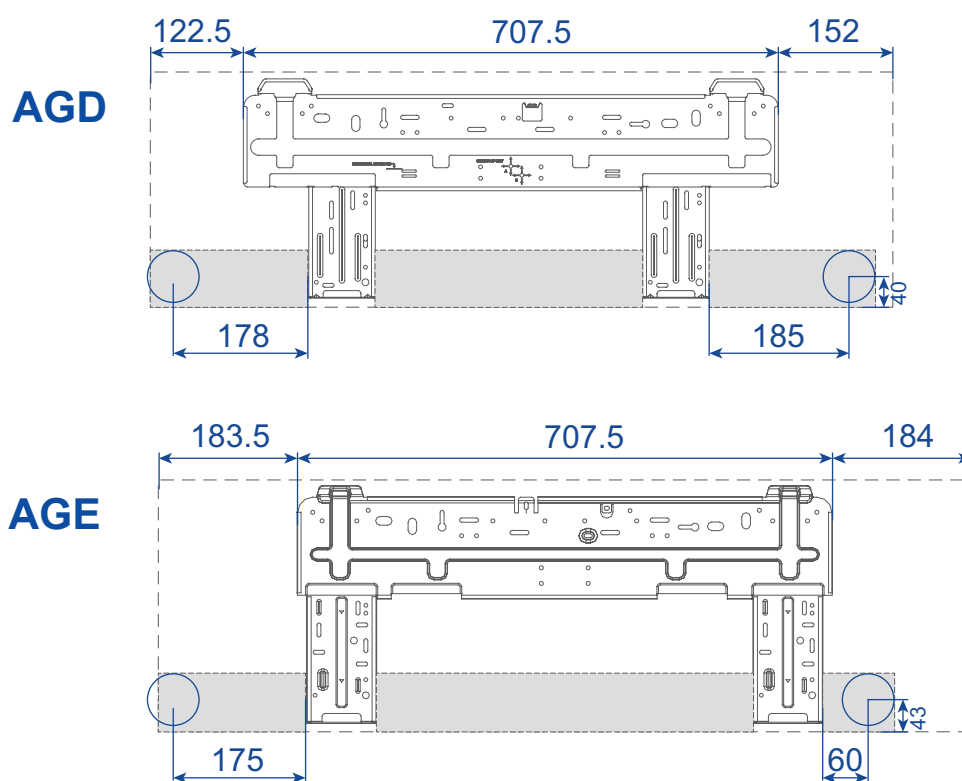
◀ Heating

The models for 09K ~ 24K with heating operation ambient temperature range of -25°C~30°C

Cooling ►



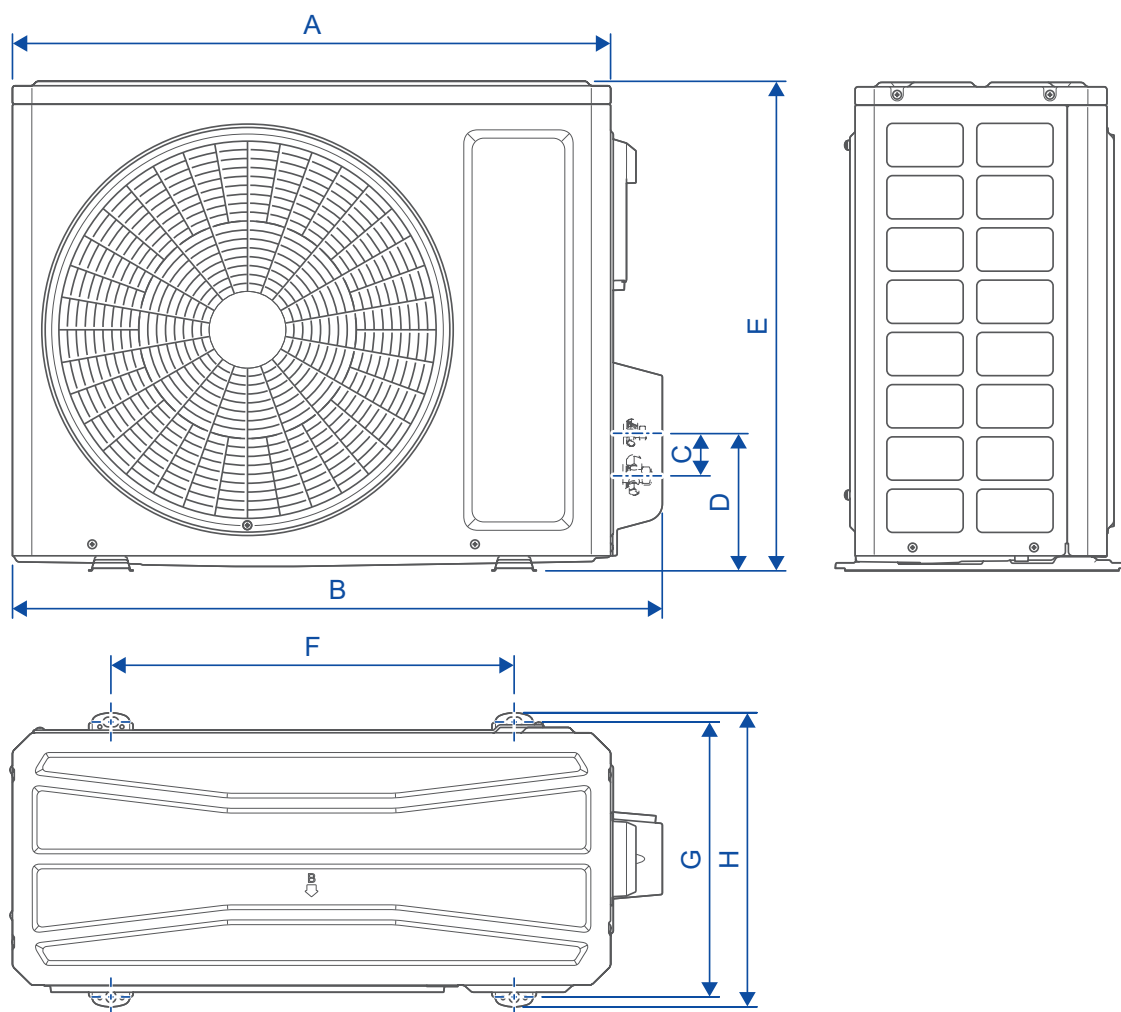
◀ Heating



Note: Choose the diameter of piping hole according to the pipe-holesleeve.

Unit: mm			
Indoor Unit Model	W	H	D
AGA	704	260	185
AGB	779	260	185
AGC	825	293	196
AGD	982	311	221
AGE	1075	333	246

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
GWH07AGA-K6DNA1A/O	650	710	65	158.8	450	430	271	293
GWH09AGBXB-K6DNA1A/O	675	732	65	163	555	455	310	330
GWH09AGAXB-K6DNA1B/O								
GWH09AFC-K6DNA2F/O								
GWH12AFC-K6DNA2F/O								
GWH18AGD-K6DNA1D/O								
GWH09ACCB-K6DNA1G/O								
GWH12ATCXB-K6DNA4G/O								
GWH18AGDXB-K6DNA1Z/O								
GWH09AGBXB-K6DNA1E/O								
GWH12AWBXB-K6DNA3F/O								
GWH09AGCXB-K6DNA1H/O								
GWH09AWAXB-K6DNA1C/O								
GWH09AWBXB-K6DNA1C/O								
GWH12AGBXB-K6DNA1Z/O								
GWH12AGBXB-K6DNA1A/O								
GWH12AGBXB-K6DNA4C/O								
GWH12AGCXB-K6DNA1A/O								
GWH18AGD-K6DNA1E/O	745	802	65	163	555	513	331	350
GWH18AGDXD-K6DNA1Z/O								
GWH12AWCXD-K6DNA1D/O								
GWH24AGD-K6DNA1C/O	805	873	65	164	555	528	349	376
GWH24AGDXE-K6DNA1Z/O								
GWH24AGDXE-K6DNA1A/O								
GWH24AFE-K6DNA2I/O	889	958	65	165.6	660	570	371	402