

Model			GWH18AGD-K6DNA1D GWH18AGDXB-K6DNA2D GWH18AGD-K6DNA4D	GWH18AGD-K6DNA1D
Product Code			CB385008300/CB385008301 CB543004700 CB558000900	CB385008302
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Power Supply Mode			Outdoor	Outdoor
Cooling Capacity		W	4600	4600
Heating Capacity		W	5200	5200
Cooling Power Input		W	1355	1355
Heating Power Input		W	1340	1340
Cooling Current Input		A	5.9	5.9
Heating Current Input		A	5.8	5.8
Rated Input		W	1900	1900
Rated Cooling Current		A	8	8
Rated Heating Current		A	9	9
Air Flow Volume		m ³ /h	910/850/780/740/700/650/610	910/850/780/740/700/650/610
Dehumidifying Volume		L/h	1.8	1.8
EER		W/W	3.39	3.39
COP		W/W	3.88	3.88
SEER			6.4	6.4
SCOP(Average/WarmerColder)			4/5.1/-	4/5.1/-
Application Area		m ²	21-31	21-31
Indoor Unit	Model		GWH18AGD-K6DNA1D/I GWH18AGDXB-K6DNA2D/I GWH18AGD-K6DNA4D/I	GWH18AGD-K6DNA1D/I
	Product Code		CB385N08300/CB385N08301 CB543N04700 CB558N00900	CB385N08302
	Fan Type		Cross-flow	Cross-flow
	Fan Diameter Length(DXL)	mm	106×739	106×739
	Cooling Speed	r/min	1230/1050/980/900/850/800/750	1230/1050/980/900/850/800/750
	Heating Speed	r/min	1200/1050/980/900/850/800/750	1200/1050/980/900/850/800/750
	Fan Motor Power Output	W	35	35
	Fan Motor RLA	A	0.45	0.45
	Fan Motor Capacitor	μF	2.5	2.5
	Evaporator Form		Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	Φ5	Φ5
	Evaporator Row-fin Gap	mm	2-1.3	2-1.3
	Evaporator Coil Length (LXDXW)	mm	745×22.8×342.9	745×22.8×342.9
	Swing Motor Model		MP24AK MP24BA MP24HF	MP24AK MP24BA
	Swing Motor Power Output	W	1.5/1.5 /1.5	1.5/1.5
	Fuse Current	A	3.15A	3.15A
	Sound Pressure Level	dB (A)	Cooling:43/39/37/34/32/30/29 Heating:44/40/37/34/32/30/29	Cooling:43/39/37/34/32/30/29 Heating:44/40/37/34/32/30/29
	Sound Power Level	dB (A)	Cooling:56/52/50/47/45/43/42 Heating:57/53/50/47/45/43/42	Cooling:56/52/50/47/45/43/42 Heating:57/53/50/47/45/43/42
	Dimension (WXHxD)	mm	982X311X221	982X311X221
	Dimension of Carton Box (LXWXH)	mm	1039X377X287	1039X377X287
	Dimension of Package (LXWXH)	mm	1044X385X297	1044X385X297
	Net Weight	kg	13.5	13.5
	Gross Weight	kg	16	16

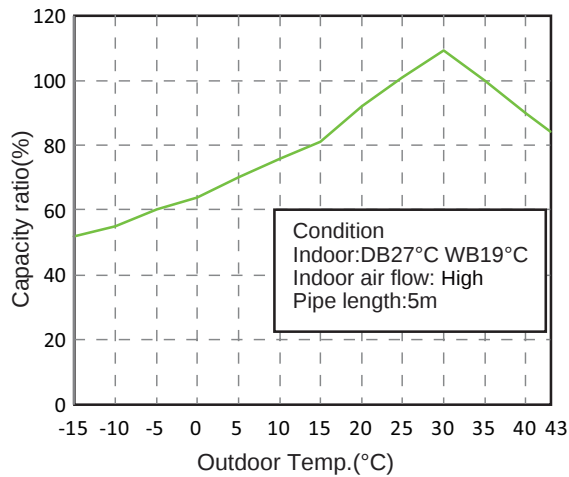
Outdoor Unit	Outdoor Unit Model		GWH18AGD-K6DNA1D/O
	Outdoor Unit Product Code		CB385W08300
	Compressor Manufacturer		ZHUHAI LANDA COMPRESSOR CO. LTD.
	Compressor Model		FTz-AN108ACBD
	Compressor Oil		FW68DA or equivalent
	Compressor Type		Rotary
	Compressor LRA.	A	19
	Compressor RLA	A	4.4
	Compressor Power Input	W	952
	Compressor Overload Protector		/
	Throttling Method		Capillary
	Set Temperature Range	°C	16~30
	Cooling Operation Ambient Temperature Range	°C	-15~43
	Heating Operation Ambient Temperature Range	°C	-15~24
	Condenser Form		Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7
	Condenser Rows-fin Gap	mm	2-1.4
	Condenser Coil Length (LXD _{XW})	mm	700×38.1×528
	Fan Motor Speed	rpm	900
	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)	55
	Sound Power Level	dB (A)	65
	Dimension(WXH _{XD})	mm	732X550X330
	Dimension of Carton Box (LXWXH)	mm	791X373X590
	Dimension of Package(LXWXH)	mm	794X376X605
	Net Weight	kg	26.5
	Gross Weight	kg	29
	Refrigerant		R32
	Refrigerant Charge	kg	0.75
Connection Pipe	Connection Pipe Length	m	5
	Connection Pipe Gas Additional Charge	g/m	16
	Outer Diameter Liquid Pipe		1/4"
	Outer Diameter Gas Pipe		3/8"
	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.

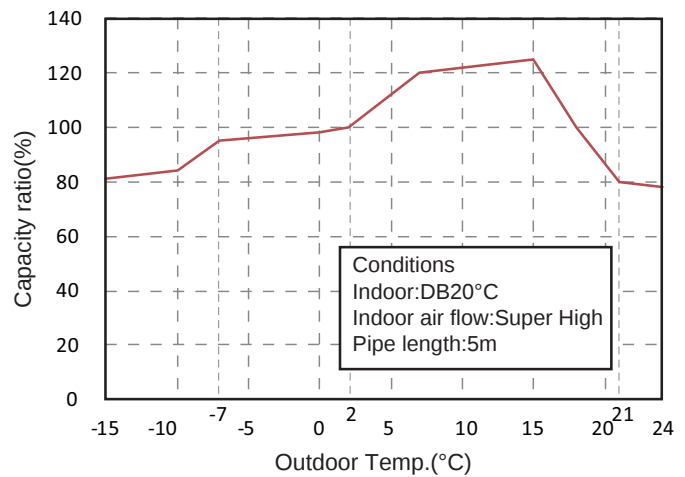
2.2 Capacity Variation Ratio According to Temperature

GWH07AGA-K6DNA1A

Cooling



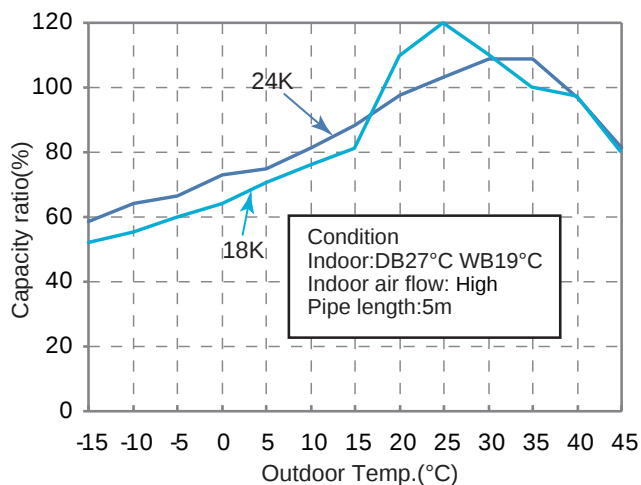
Heating



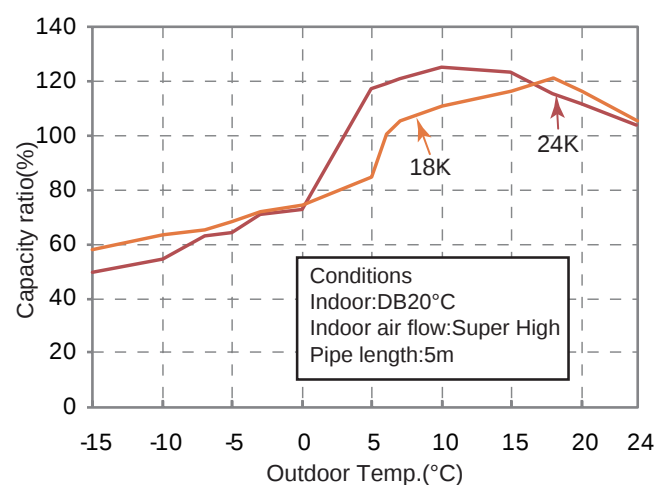
GWH18AGD-K6DNA1D GWH18AGDXB-K6DNA2D GWH18AGD-K6DNA4D GWH24AGD-K6DNA1C GWH24AGD-K6DNA4C

Heating operation ambient temperature range is -15°C~24°C

Cooling

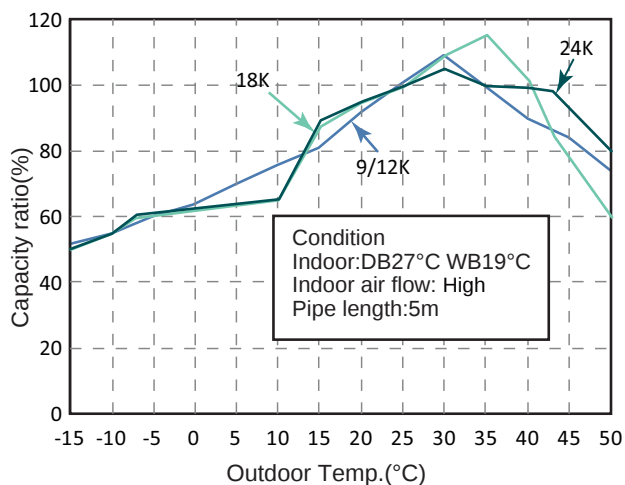


Heating

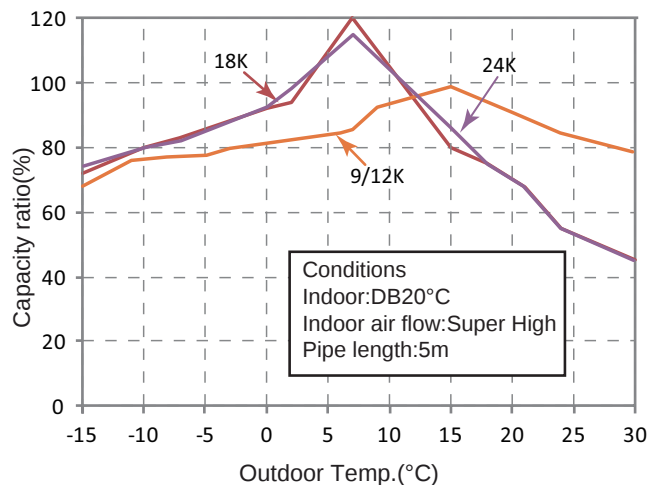


Heating operation ambient temperature range is -15°C~30°C

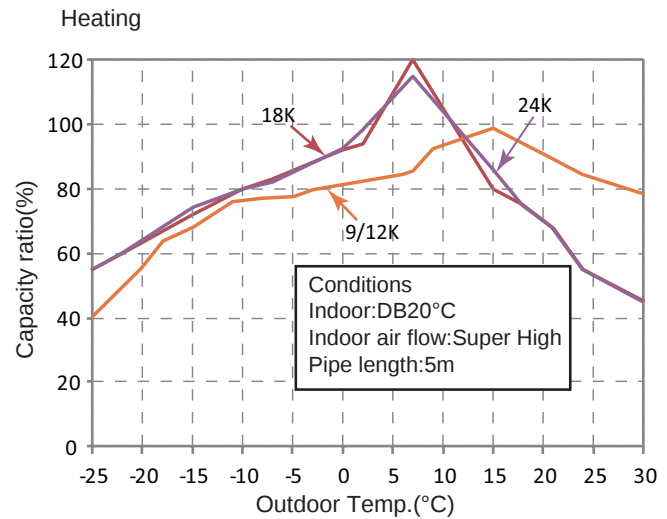
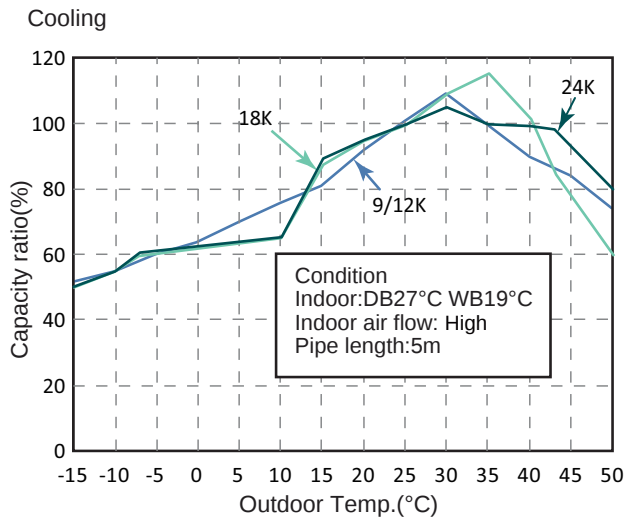
Cooling



Heating



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



2.3 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)	T2 (°C)		
27/19	35/24	7/9K	0.8~1.1	12 ~ 15	65 ~ 38	Super High	High
27/19	35/24	12K	0.9~1.1	12 ~ 14	75 ~ 37	Super High	High
27/19	35/24	18K	0.9~1.1	12 ~ 14	75 ~ 37	Super High	High
27/19	35/24	24K	0.9~1.1	12 ~ 14	75 ~ 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)	T2 (°C)		
20/-	7/6	7/9K	2.8~3.2	63 ~ 35	2 ~ 5	Super High	High
20/-	7/6	12K	2.2~2.4	70 ~ 35	2 ~ 4	Super High	High
20/-	7/6	18K	2.2~2.4	70 ~ 40	1 ~ 5	Super High	High
20/-	7/6	24K	2.2~2.4	70 ~ 35	2 ~ 4	Super High	High

Instruction:

T1: Inlet and outlet pipe temperature of evaporator

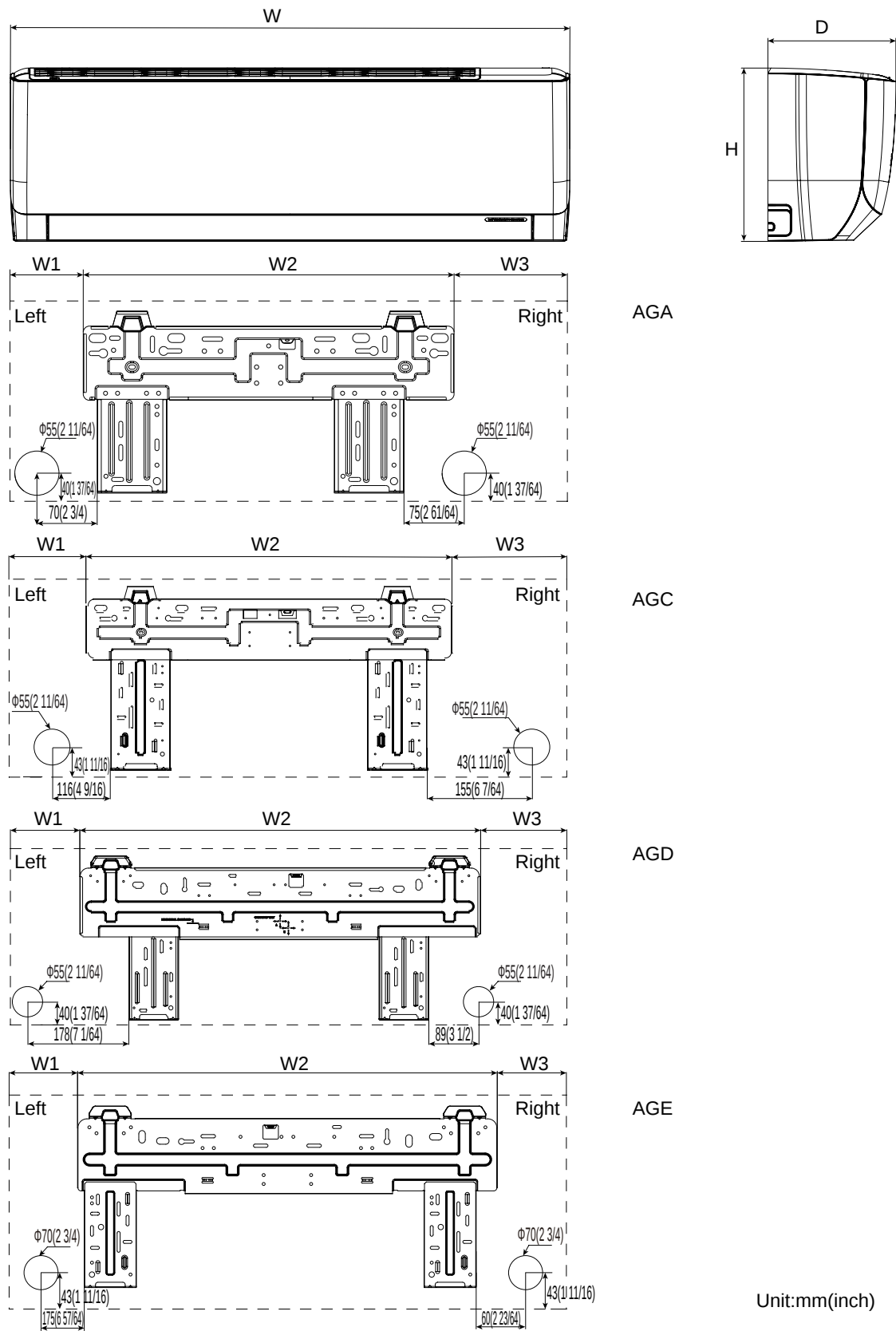
T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

Connection pipe length: 5 m.

3. Outline Dimension Diagram

3.1 Indoor Unit

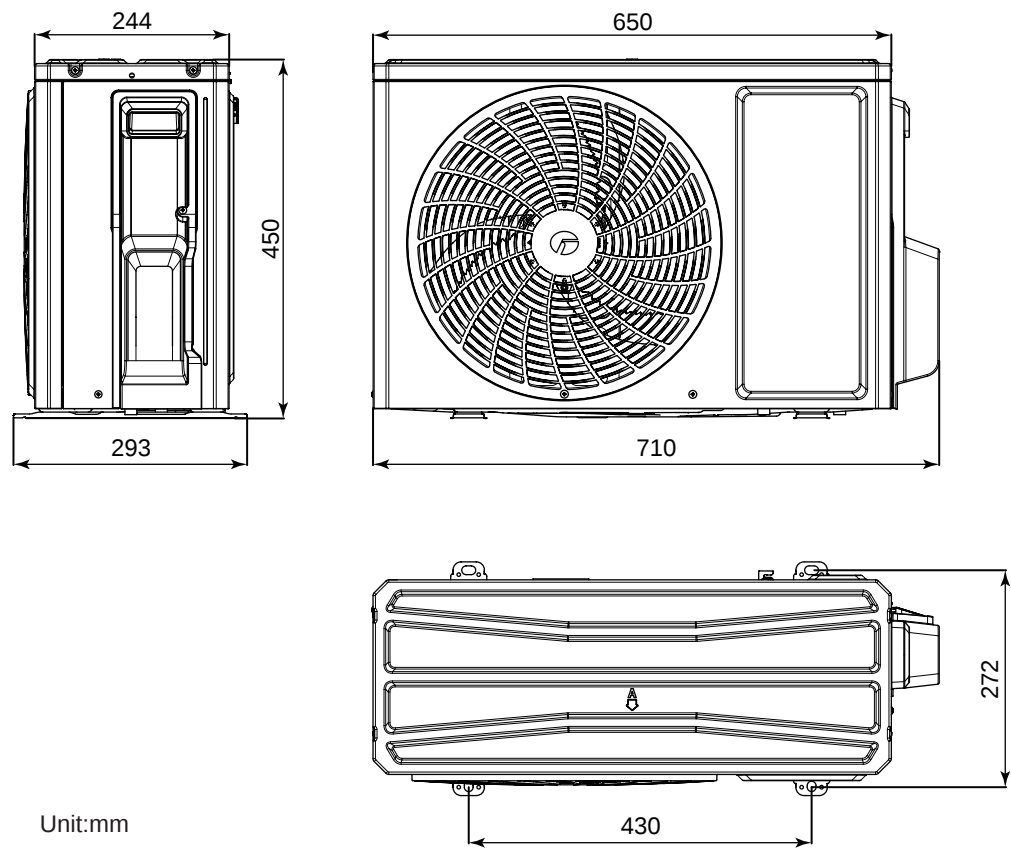


Model	W	H	D	W1	W2	W3
AGA	704	260	185	93	462	149
AGC	825	293	196	113	542	170
AGD	982	311	221	122.5	707.5	152
AGE	1075	333	246	184	707.5	183.5

Unit:mm

3.2 Outdoor Unit

GWH07AGA-K6DNA1A/O



GWH09AFC-K6DNA2F/O GWH12AFC-K6DNA2F/O GWH18AGD-K6DNA1D/O GWH12AGCXB-K6DNA1E/O

