

Model			GWH24AGD-K6DNA1C	GWH24AGD-K6DNA1C
Product Code			CB385008600 CB385008601	CB385008602
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	6200	6200
Heating Capacity		W	6500	6500
Cooling Power Input		W	1786	1786
Heating Power Input		W	1645	1645
Cooling Power Current		A	7.6	7.6
Heating Power Current		A	7.6	7.6
Rated Input		W	2200	2200
Rated Current		A	9.3	9.3
Rated Heating Current		A	9.7	9.7
Air Flow Volume(SS/H/MH/M/ML/L/SL)		m <sup>3</sup> /h	950/800/700/650/600/540/500	950/800/700/650/600/540/500
Dehumidifying Volume		L/h	2	2
EER		W/W	3.47	3.47
COP		W/W	3.95	3.95
SEER		W/W	6.8	6.8
SCOP(Average/Warmer/Colder)			4/5.1/-	4/5.1/-
HSPF			/	/
Application Area		m <sup>2</sup>	23-34	23-34
Indoor Unit	Indoor Unit Model		GWH24AGD-K6DNA1C/I	GWH24AGD-K6DNA1C/I
	Indoor Unit Product Code		CB385N08600 CB385N08601	CB385N08602
	Fan Type		Cross-flow	Cross-flow
	Diameter Length(DXL)		mm	Φ106X739
	Fan Motor Cooling Speed(SS/H/MH/M/ML/L/SL)		r/min	1350/1200/1100/1000/900/850/800
	Fan Motor Heating Speed(SS/H/MH/M/ML/L/SL)		r/min	1350/1200/1100/1000/900/850/800
	Output of Fan Motor		W	50
	Fan Motor RLA		A	0.24
	Fan Motor Capacitor		μF	3
	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	745X22.8X342.9
	Swing Motor Model			MP24BA/MP24AK/MP24HF
	Output of Swing Motor		W	1.5/1.5/1.5
	Fuse		A	3.15
	Sound Pressure Level(SS/H/MH/M/ML/L/SL)		dB (A)	Cooling:46/42/40/37/35/32/30 Heating:48/44/40/37/34/32/30
	Sound Power Level(SS/H/MH/M/ML/L/SL)		dB (A)	Cooling:63/59/57/54/53/49/47 Heating:63/59/55/52/49/47/45
	Dimension (WXHDX)		mm	982X311X221
	Dimension of Carton Box (LXWXH)		mm	1039X377X287
Dimension of Package (LXWXH)		mm	1044X385X297	
Net Weight		kg	14	
Gross Weight		kg	16.5	

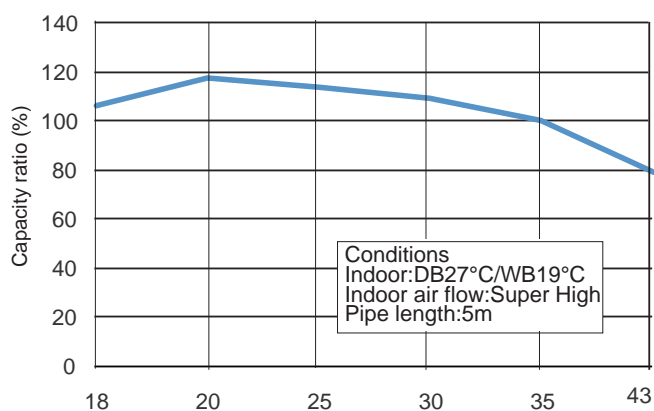
Outdoor Unit	Model of Outdoor Unit		GWH24AGD-K6DNA1C/O
	Product Code of Outdoor Unit		CB385W08600
	Compressor Manufacturer/Trademark		ZHUHAI LINDA COMPRESSOR CO., LTD
	Compressor Model		FTz-SM151AXB
	Compressor Oil		FW68DA
	Compressor Type		Rotary
	L.R.A.	A	/
	Compressor RLA	A	6.06
	Compressor Power Input	W	1330
	Overload Protector		/
	Throttling Method		Capillary
	Operation Temp	°C	16~30
	Ambient Temp (Cooling)	°C	-15~43
	Ambient Temp (Heating)	°C	-15~24
	Condenser Form		Aluminum Fin-copper Tube
	Pipe Diameter	mm	Φ7.94
	Rows-fin Gap	mm	2-1.4
	Coil Length (LXD <sub>X</sub> W)	mm	848X38.1X528
	Fan Motor Speed	rpm	900
	Output of Fan Motor	W	40
	Fan Motor RLA	A	0.70
	Fan Motor Capacitor	μF	/
	Air Flow Volume of Outdoor Unit	m <sup>3</sup> /h	2800
	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 (H/M/L)	dB (A)	57/-/-
Sound Power Level (H/M/L)	dB (A)	65/-/-	
Dimension (WXHXD)	mm	873X555X376	
Dimension of Carton Box (LXWXH)	mm	948X428X591	
Dimension of Package (LXWXH)	mm	951X431X620	
Net Weight	kg	36.5	
Gross Weight	kg	39.5	
Refrigerant		R32	
Refrigerant Charge	kg	1.18	
Connection Pipe	Length	m	5
	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.

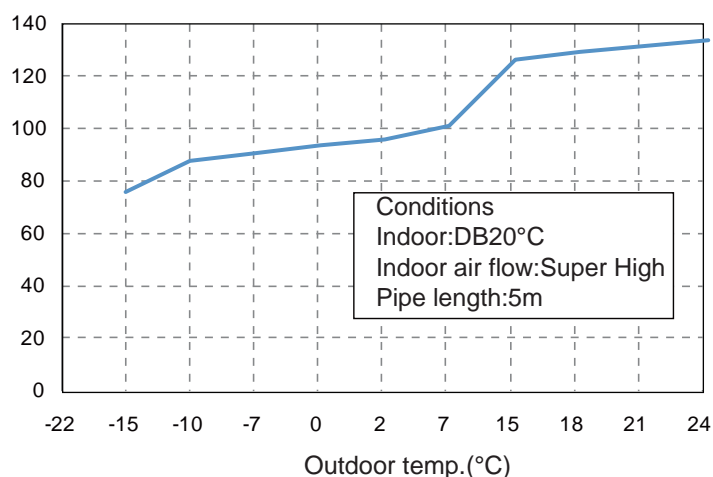
## 2.2 Capacity Variation Ratio According to Temperature

All model except GWH12AGC-K6DNA1A

Cooling:

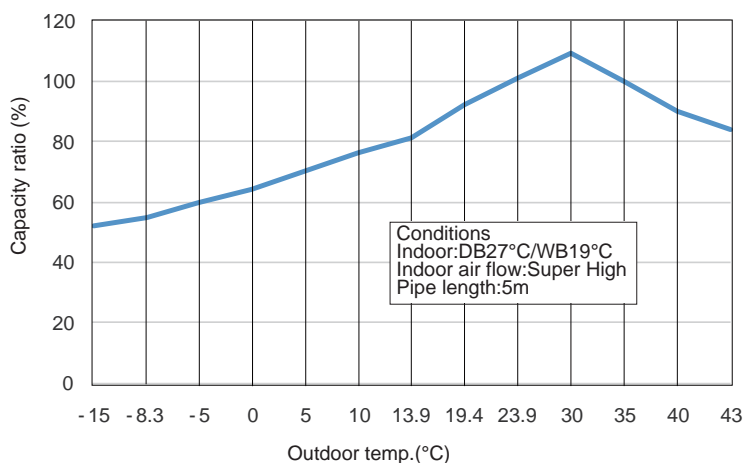


Heating



GWH12AGC-K6DNA1A

Cooling:



## 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			T1 (°C)	T2 (°C)		
27/19	35/24	09K	0.8~1.1	12 to 15	65 to 38	TURBO	High
		12K		11 to 14	64 to 37		
		18K	0.9~1.1	12 to 14	75 to 37		
		24K	0.8 ~ 1.0	10 to 12	72 to 40		

Heating:

Rated cooling condition(°C) (DB/WB)		Model	Pressure of gas pipe connecting indoor and outdoor unit P (MPa)	Inlet and outlet pipe temperature of heat exchanger		Fan speed of indoor unit	Fan speed of outdoor unit
Indoor	Outdoor			T1 (°C)	T2 (°C)		
20/-	7/6	09K	2.8~3.2	35 to 63	2 to 5	TURBO	High
		12K		35 to 65	2 to 5		
		18K	2.2~2.4	70 to 40	1 to 5		
		24K	2.2 t~ 2.4	70 to 40	1 to 5		

**Instruction:**

T1: Inlet and outlet pipe temperature of evaporator

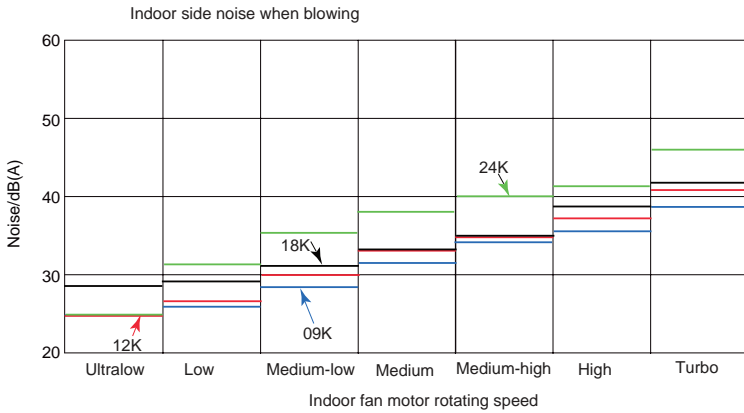
T2: Inlet and outlet pipe temperature of condenser

P: Pressure at the side of big valve

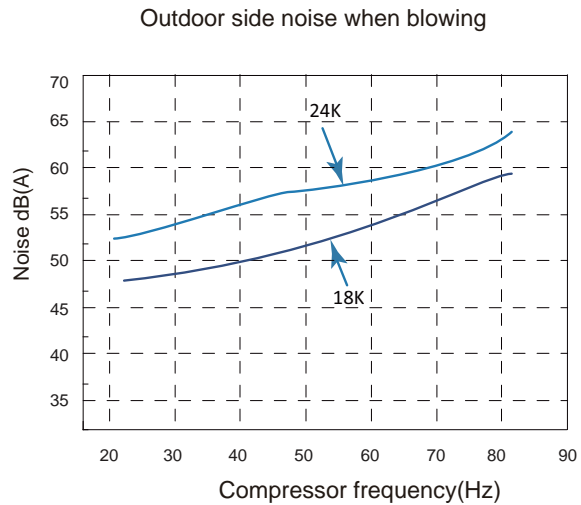
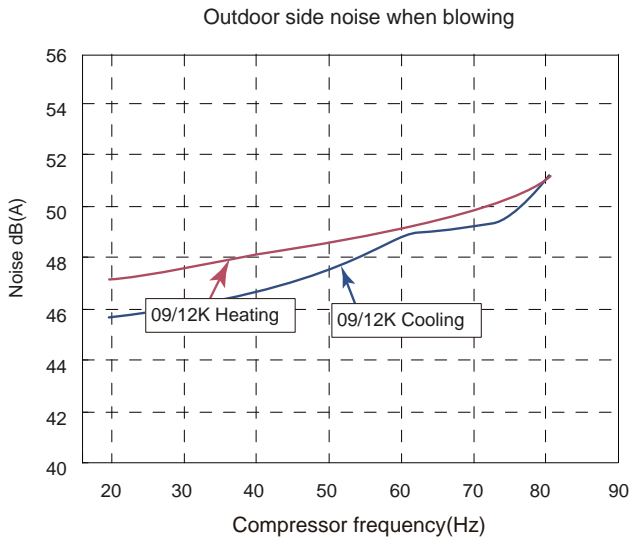
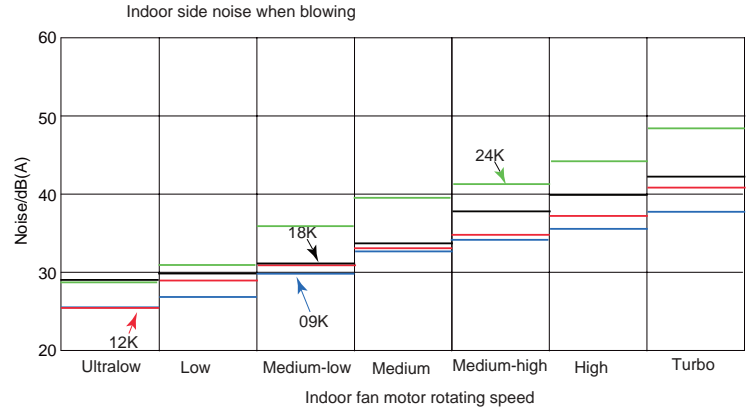
Connection pipe length: 5 m.

## 2.4 Noise Curve

Cooling:

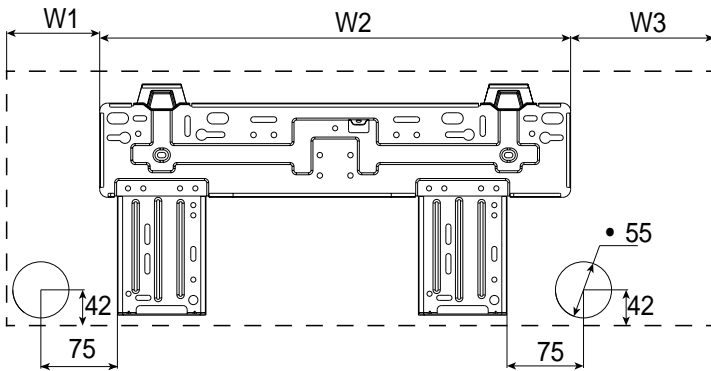
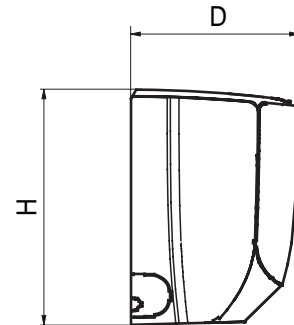
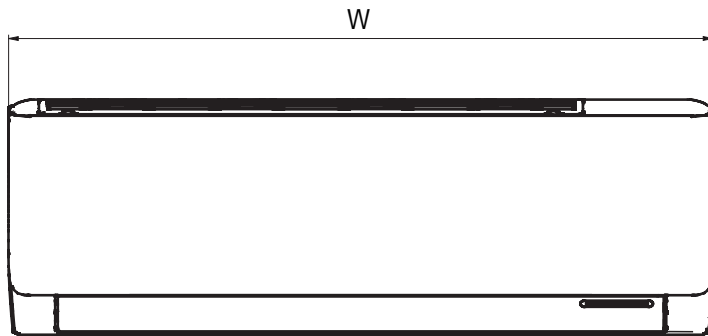


Heating:

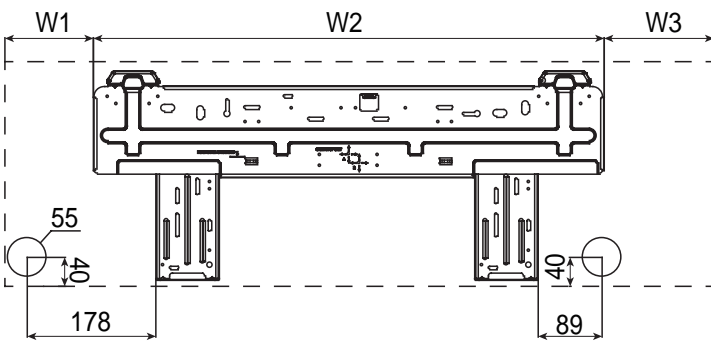


### 3. Outline Dimension Diagram

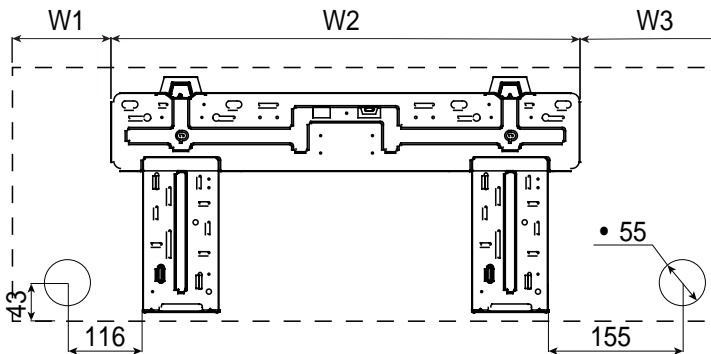
#### 3.1 Indoor Unit



AGA/AGB



AGD

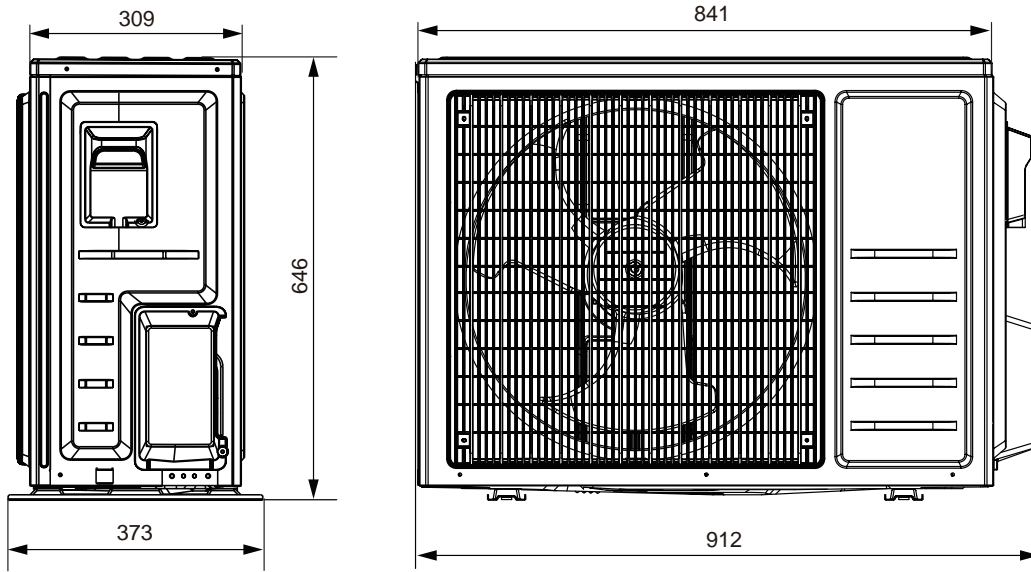


AGC

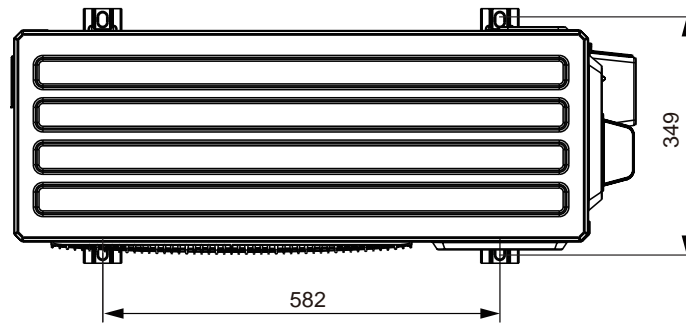
Unit:mm

Model	W	H	D	W1	W2	W3
AGA	704	260	185	93	462	149
AGB	779	260	185	133.5	462	183.5
AGC	825	293	196	113	542	170
AGD	982	311	221	122.5	707.5	152

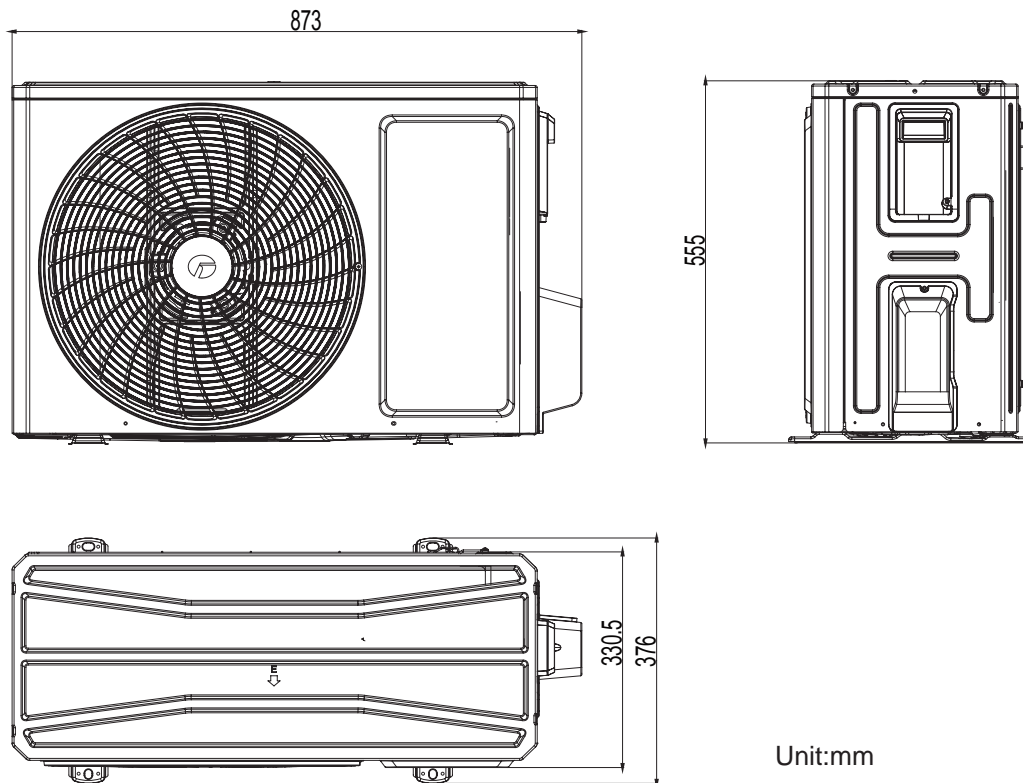
GWH24AGD-K6DNA1A/O



Unit: mm



GWH24AGD-K6DNA1C/O(CB385W08600)



Unit: mm