

## Basic Parameters

<b>Model</b>	-	KWH09AYCXB-K6DNA2A
<b>Product Code</b>	-	CB654001700
<b>Power Supply</b>	<b>Rated Voltage</b>	V~ 220-240
	<b>Rated Frequency</b>	Hz 50
	<b>Phases</b>	- 1
<b>Power Supply Mode</b>	-	Outdoor
<b>Cooling Capacity</b>	W	2700
<b>Heating Capacity</b>	W	3000
<b>Cooling Power Input</b>	W	680
<b>Heating Power Input</b>	W	680
<b>Cooling Current Input</b>	A	3.2
<b>Heating Current Input</b>	A	3.2
<b>Rated Input</b>	W	1400
<b>Rated Cooling Current</b>	A	6
<b>Rated Heating Current</b>	A	6.2
<b>Air Flow Volume</b>	m <sup>3</sup> /h	610/530/500/440/380/310/280/180
<b>Dehumidifying Volume</b>	L/h	0.80
<b>EER</b>	W/W	3.97
<b>COP</b>	W/W	4.41
<b>SEER</b>	-	8.4
<b>SCOP (Average/Warmer/Colder)</b>	-	4.5/5.6/3.5
<b>Application Area</b>	m <sup>2</sup>	12-18

## Indoor Unit Parameters

<b>Indoor Unit Model</b>	-	KWH09AYCXB-K6DNA2A/I
<b>Indoor Unit Product Code</b>	-	CB654N01700
<b>Fan Type</b>	-	Cross-flow
<b>Fan Diameter Length (D×L)</b>	mm	Φ94×630
<b>Cooling Speed</b>	r/min	1250/1100 /1050/950/800/700/650/500
<b>Heating Speed</b>	r/min	1250/1100 /1040/950/900/880/850
<b>Fan Motor Power Output</b>	W	15
<b>Fan Motor RLA</b>	A	0.22
<b>Fan Motor Capacitor</b>	μF	/
<b>Evaporator Form</b>	-	Aluminum Fin-copper Tube
<b>Evaporator Pipe Diameter</b>	mm	Φ5
<b>Evaporator Row-fin Gap</b>	mm	2-1.3
<b>Evaporator Coil Length (L×D×W)</b>	mm	634×22.8×266.7
<b>Swing Motor Model</b>	-	MP24HF/MP24HF
<b>Swing Motor Power Output</b>	W	1.5/1.5
<b>Fuse Current</b>	A	3.15
<b>Sound Pressure Level</b>	dB (A)	Cooling:39/36/34/31/26/24/22/21 Heating:39/36/34/31/30/29/27
<b>Sound Power Level</b>	dB (A)	Cooling:58/50/48/45/40/38/36/35 Heating:58/50/48/45/44/43/41
<b>Dimension (W×H×D)</b>	mm	890X276X206
<b>Dimension of Carton Box (L×W×H)</b>	mm	944X334X264
<b>Dimension of Package (L×W×H)</b>	mm	949X350X275
<b>Net Weight</b>	kg	9
<b>Gross Weight</b>	kg	11

## Outdoor Unit Parameters

Outdoor Unit Model	-	KWH09ATCXB-K6DNA1A/O
Outdoor Unit Product Code	-	CB574W00500
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO.,LTD.
Compressor Model	-	QXF-A082zC170
Compressor Oil	-	RA68EH or equivalent
Compressor Type	-	Rotary
Compressor LRA.	A	15.00
Compressor RLA	A	2.56
Compressor Power Input	W	756.6
Compressor Overload Protector	-	/
Throttling Method	-	Capillary
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	1-1.2
Condenser Coil Length (L×D×W)	mm	666×19.05×527
Fan Motor Speed	rpm	850
Fan Motor Power Output	W	35
Fan Motor RLA	A	0.40
Fan Motor Capacitor	μF	/
Outdoor Unit Air Flow Volume	m <sup>3</sup> /h	1950
Fan Type	-	Axial-flow

<b>Fan Diameter</b>	mm	Φ400
<b>Defrosting Method</b>	-	Automatic Defrosting
<b>Climate Type</b>	-	T1
<b>Isolation</b>	-	I
<b>Moisture Protection</b>	-	IPX4
<b>Permissible Excessive Operating Pressure for the Discharge Side</b>	MPa	4.3
<b>Permissible Excessive Operating Pressure for the Suction Side</b>	MPa	2.5
<b>Sound Pressure Level</b>	dB (A)	51
<b>Sound Power Level</b>	dB (A)	61
<b>Dimension (W×H×D)</b>	mm	732X555X330
<b>Dimension of Carton Box (L×W×H)</b>	mm	791X373X590
<b>Dimension of Package (L×W×H)</b>	mm	794X376X615
<b>Net Weight</b>	kg	24.5
<b>Gross Weight</b>	kg	27
<b>Refrigerant</b>	-	R32
<b>Refrigerant Charge</b>	kg	0.51

## Connection Pipe Parameters

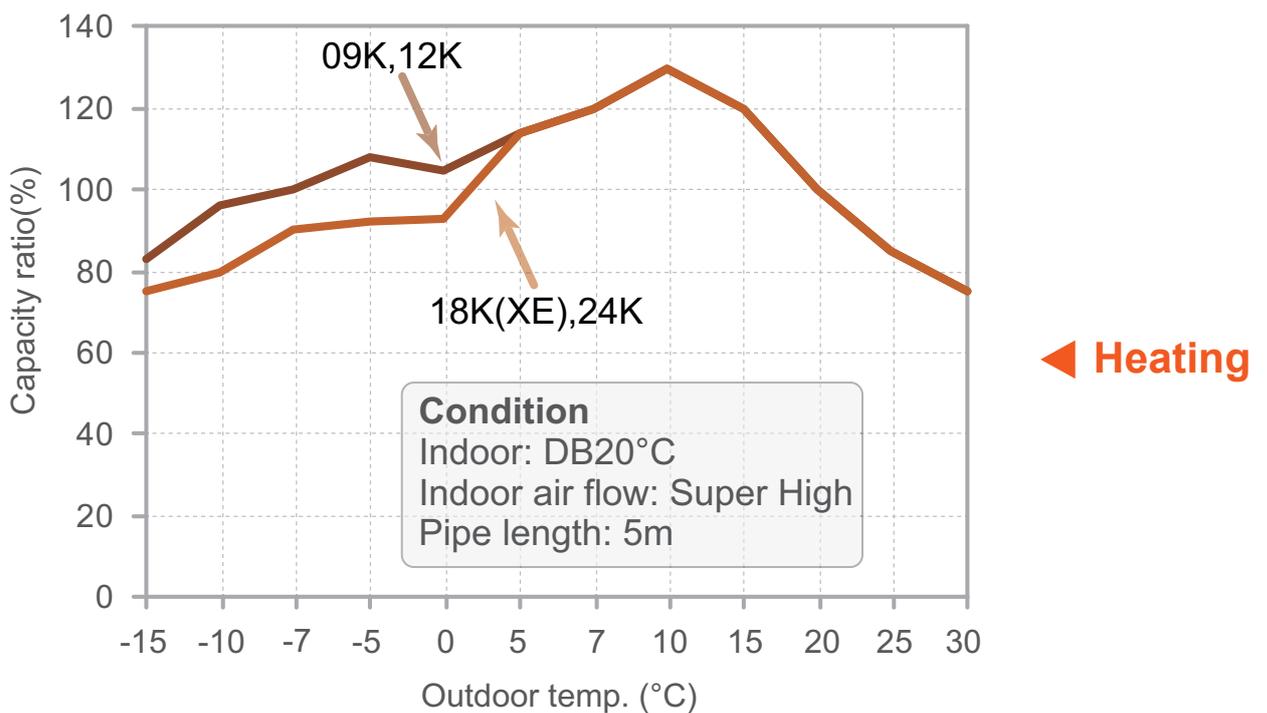
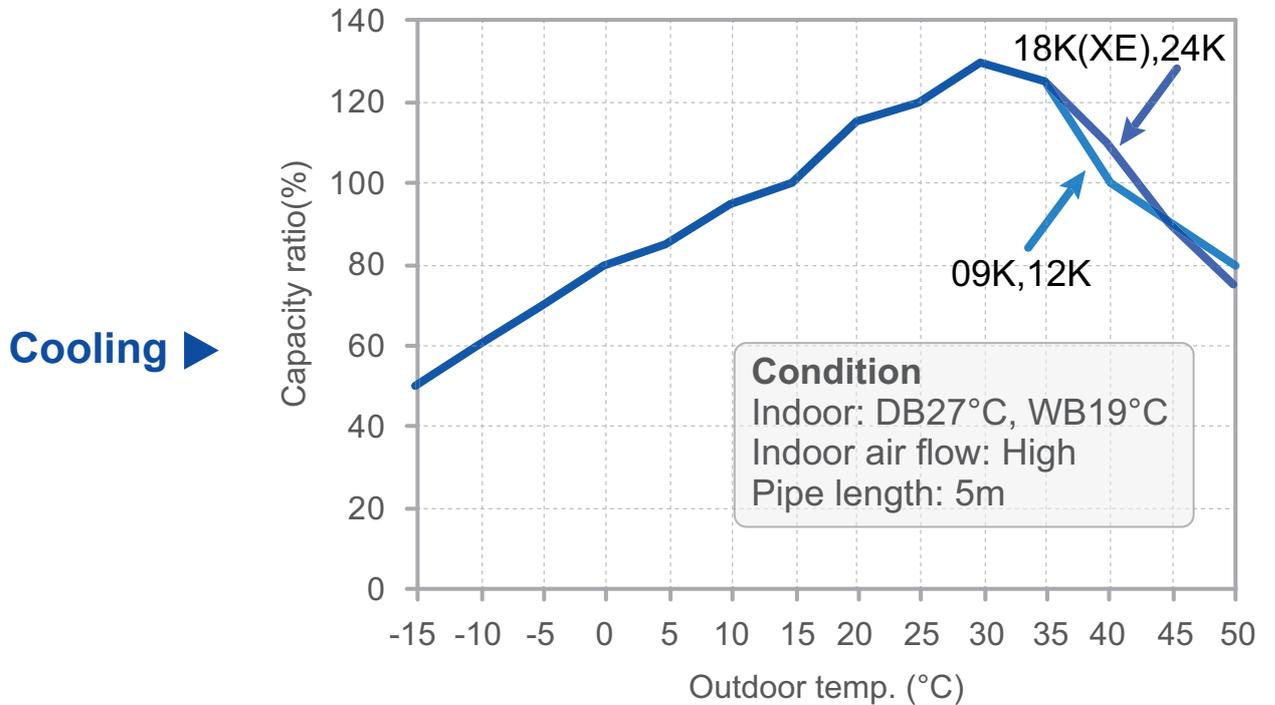
<b>Connection Pipe Length</b>	m	5
<b>Connection Pipe Gas Additional Charge</b>	g/m	16
<b>Outer Diameter Liquid Pipe</b>	inch	1/4
<b>Outer Diameter Gas Pipe</b>	inch	3/8
<b>Max Distance Height</b>	m	10
<b>Max Distance Length</b>	m	15

*Note: The connection pipe applies metric diameter.*

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

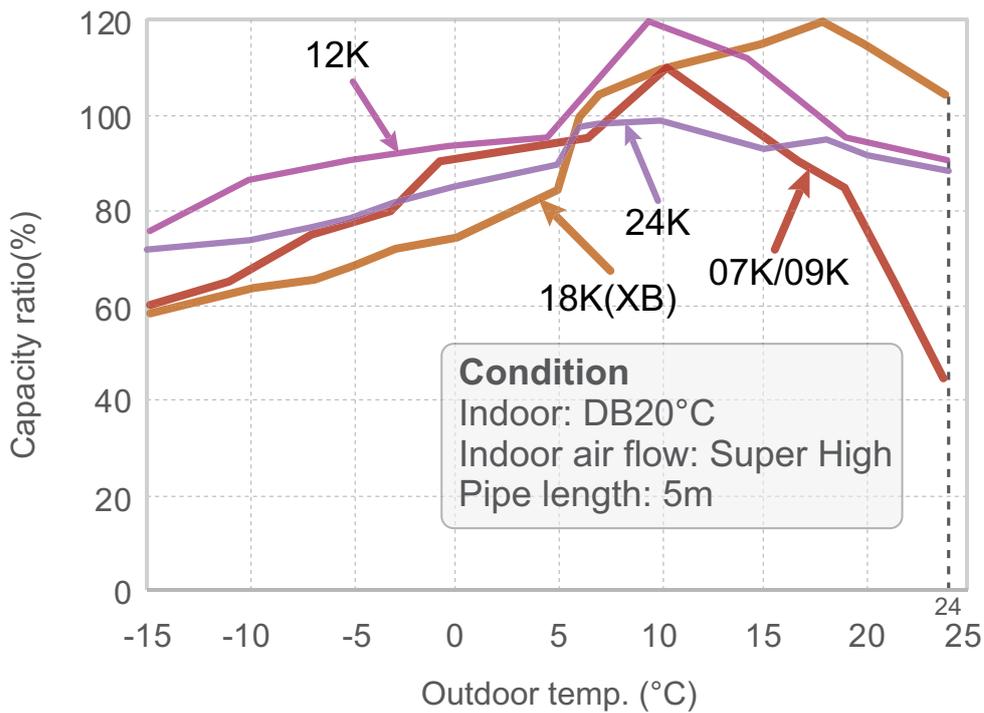
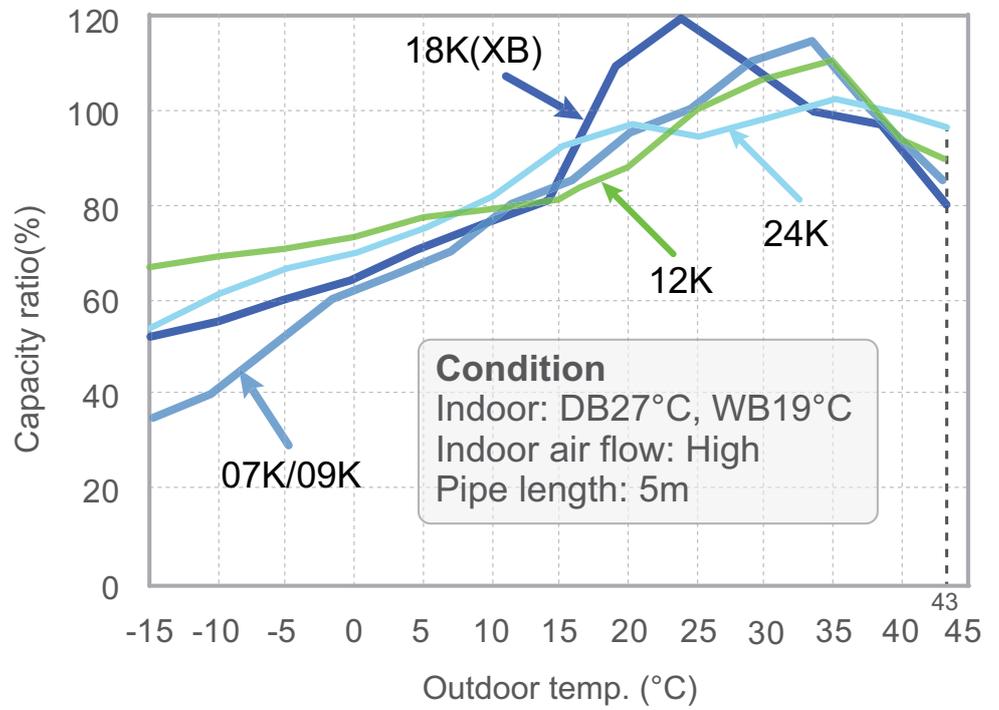
## 3.2 Capacity Variation Ratio According to Temperature

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



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

Cooling ►

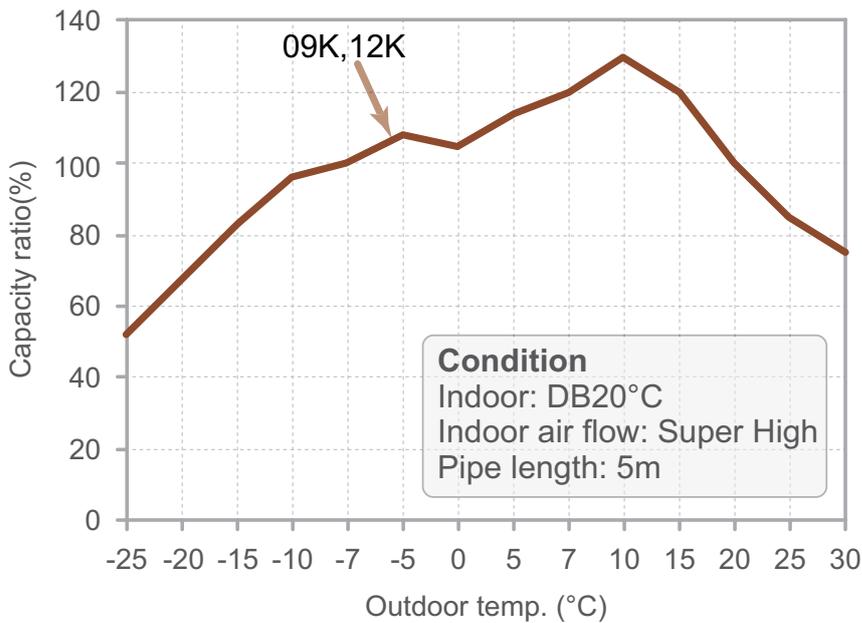
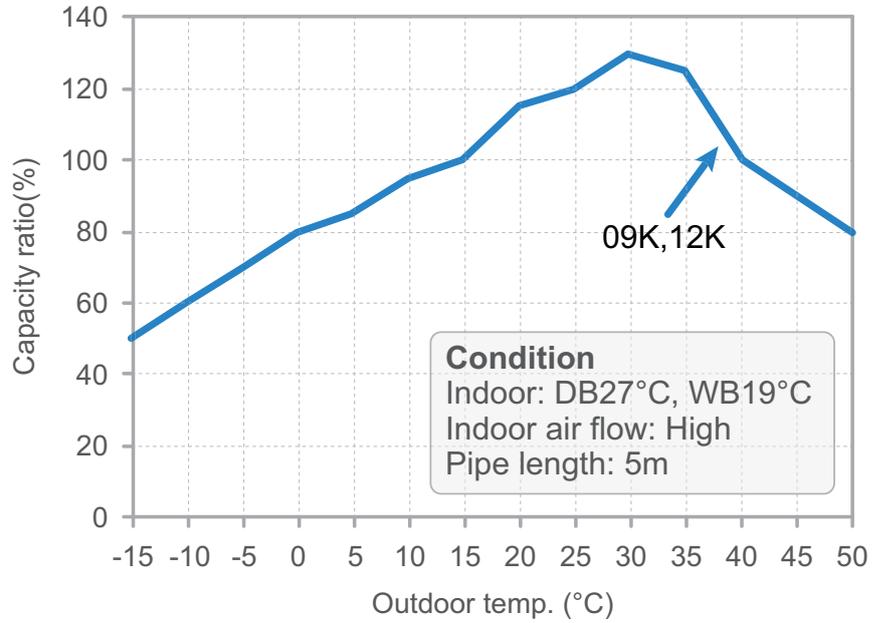


◀ Heating

**09K / 12K**

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

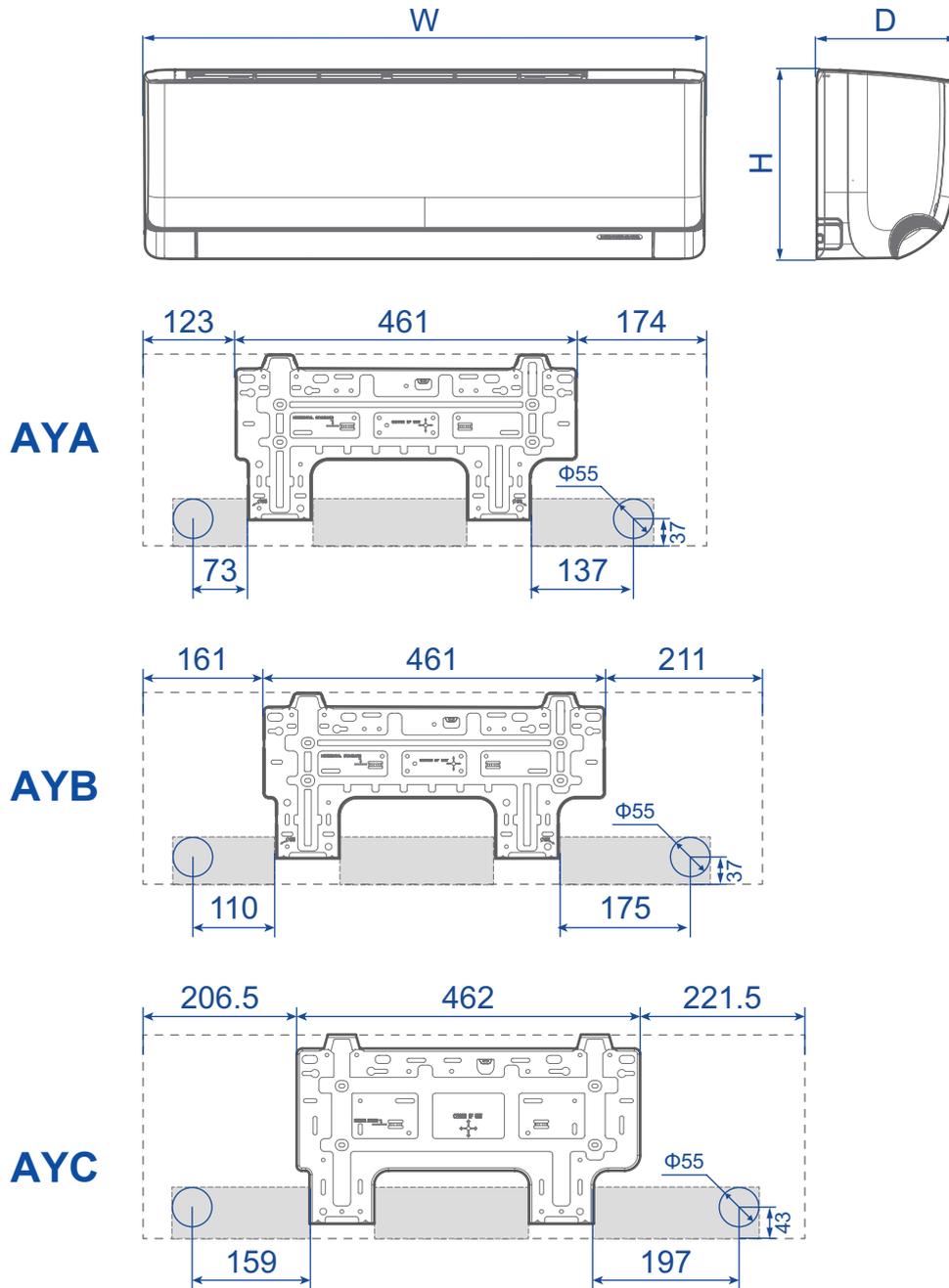
**Cooling** ▶



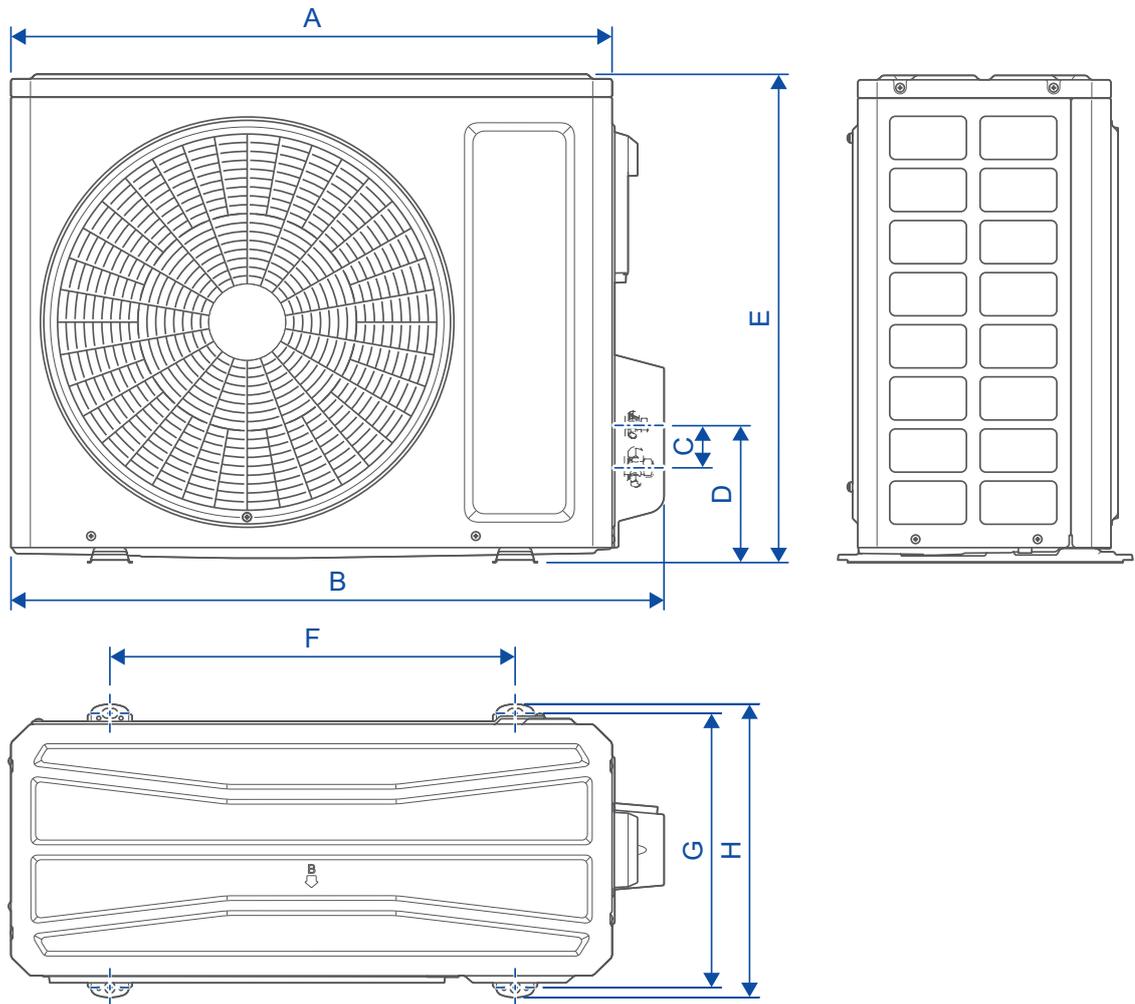
◀ **Heating**

# 4. Outline Dimension Diagram

## 4.1 Indoor Unit



# 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
GWH09AGAXB-K6DNA1B/O GWH09AWAXB-K6DNA1C/O GWH09ACAXB-K6DNA1G/O GWH09ATCXB-K6DNA1A/O GWH12ATBXB-K6DNA1D/O GWH12ATCXB-K6DNA1A/O GWH12AWBXB-K6DNA3F/O GWH18ATDXB-K6DNA1A/O	675	732	65	163	555	455	310	330
GWH12AWCXD-K6DNA1D/O GWH18ATDXD-K6DNA1A/O	745	802	65	163	555	513	331	350
GWH18AWDXE-K6DNA4A/O GWH24ATDXE-K6DNA1D/O GWH24ATDXE-K6DNA1A/O	805	873	65	164	555	528	349	376
GWH24AVEXF-K6DNA1A/O GWH24AFE-K6DNA2I/O	889	958	65	165.6	660	570	371	402