

## Basic Parameters

<b>Model</b>	-	KWH18AYDXD-K6DNA2A
<b>Product Code</b>	-	CB654001800
<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	5300
<b>Heating Capacity</b>	W	5600
<b>Cooling Power Input</b>	W	1501
<b>Heating Power Input</b>	W	1393
<b>Cooling Current Input</b>	A	7.2
<b>Heating Current Input</b>	A	6.3
<b>Rated Input</b>	W	2350
<b>Rated Cooling Current</b>	A	10.0
<b>Rated Heating Current</b>	A	10.5
<b>Air Flow Volume</b>	m <sup>3</sup> /h	1000/960/870/810/720/640/600
<b>Dehumidifying Volume</b>	L/h	1.80
<b>EER</b>	W/W	3.53
<b>COP</b>	W/W	4.02
<b>SEER</b>	-	7.3
<b>SCOP (Average/Warmer/Colder)</b>	-	4.2/5.6/3.4
<b>Application Area</b>	m <sup>2</sup>	23-34

## Indoor Unit Parameters

Indoor Unit Model	-	KWH18AYDXD-K6DNA2A/I
Indoor Unit Product Code	-	CB654N01800
Fan Type	-	Cross-flow
Fan Diameter Length (D×L)	mm	Φ108x691
Cooling Speed	r/min	1200/1100/1030/960/800/700/650/500
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 (L×D×W)	mm	700×22.8×381
Swing Motor Model	-	MP35CJ/MP24HF
Swing Motor Power Output	W	2.5/1.5
Fuse Current	A	3.15
Sound Pressure Level	dB (A)	Cooling:47/45/43/41/35/30/28 Heating:46/44/41/38/37/36/33
Sound Power Level	dB (A)	Cooling:60/58/56/54/48/44/41 Heating:60/58/55/52/51/50/47
Dimension (W×H×D)	mm	1000X333X249
Dimension of Carton Box (L×W×H)	mm	1054X398X318
Dimension of Package (L×W×H)	mm	1059X406X328
Net Weight	kg	13.5
Gross Weight	kg	16

## Outdoor Unit Parameters

Outdoor Unit Model	-	KWH18ATDXD-K6DNA1A/O
Outdoor Unit Product Code	-	CB574W02700
Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO.,LTD.
Compressor Model	-	QXF-A120zH170A
Compressor Oil	-	FW68DA or equivalent
Compressor Type	-	Rotary
Compressor LRA.	A	18.00
Compressor RLA	A	5.00
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	787×38.1×528
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 <sup>3</sup> /h	2200
Fan Type	-	Axial-flow

<b>Fan Diameter</b>	mm	Φ420
<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)	56
<b>Sound Power Level</b>	dB (A)	65
<b>Dimension (W×H×D)</b>	mm	802X555X350
<b>Dimension of Carton Box (L×W×H)</b>	mm	869X395X594
<b>Dimension of Package (L×W×H)</b>	mm	872X398X620
<b>Net Weight</b>	kg	31.5
<b>Gross Weight</b>	kg	34
<b>Refrigerant</b>	-	R32
<b>Refrigerant Charge</b>	kg	0.85

## Connection Pipe Parameters

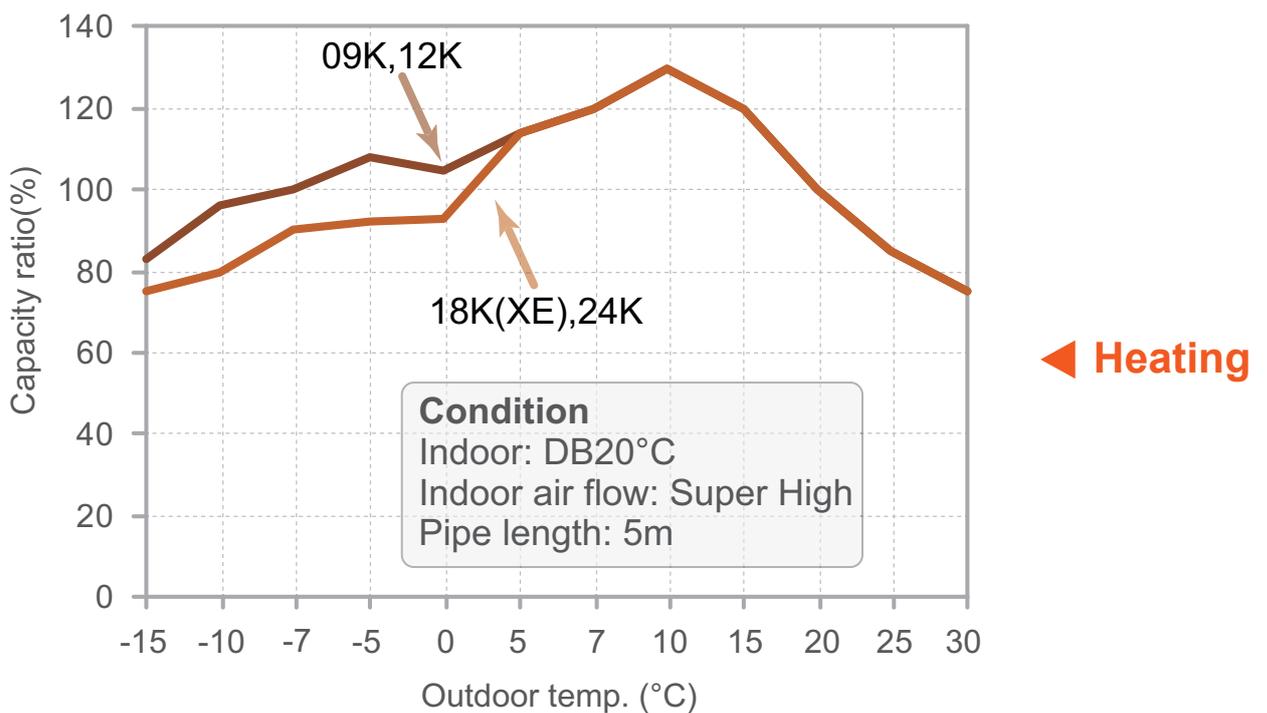
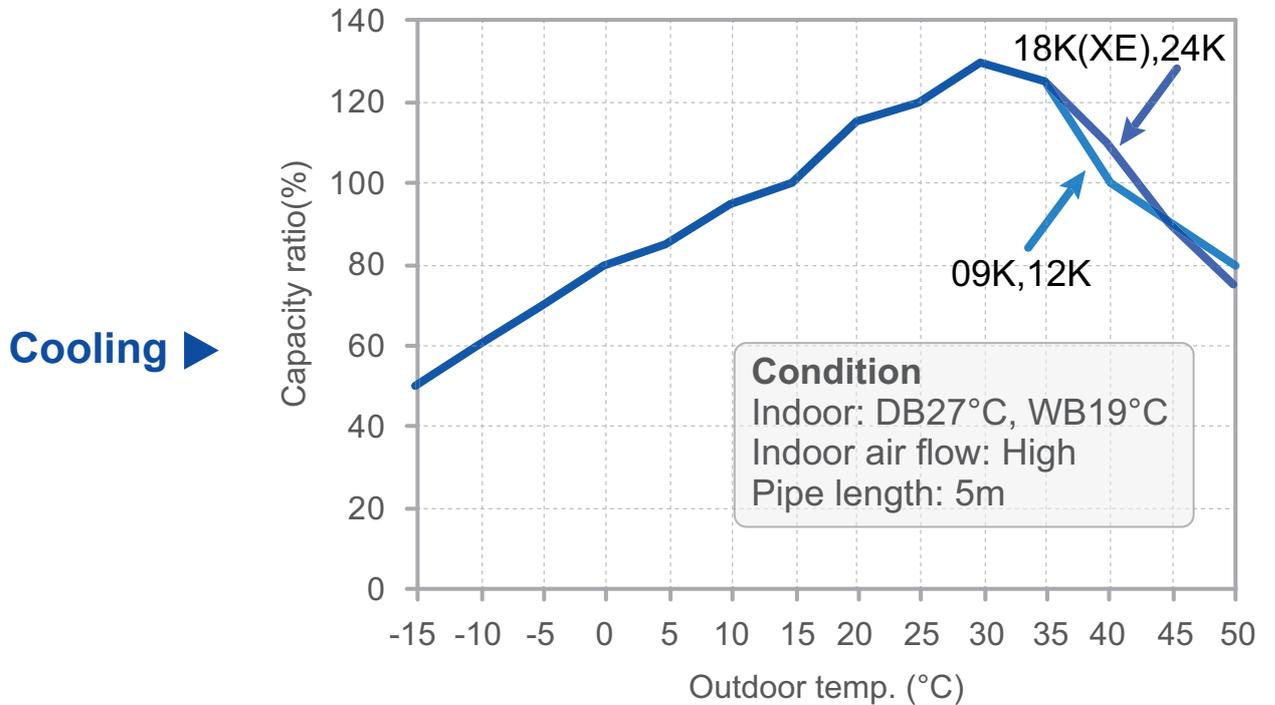
<b>Connection Pipe Length</b>	m	5
<b>Connection Pipe Gas Additional Charge</b>	g/m	16
<b>Outer Diameter Liquid Pipe</b>	inch	1/4
<b>Outer Diameter Gas Pipe</b>	inch	1/2
<b>Max Distance Height</b>	m	10
<b>Max Distance Length</b>	m	25

*Note: The connection pipe applies metric diameter.*

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

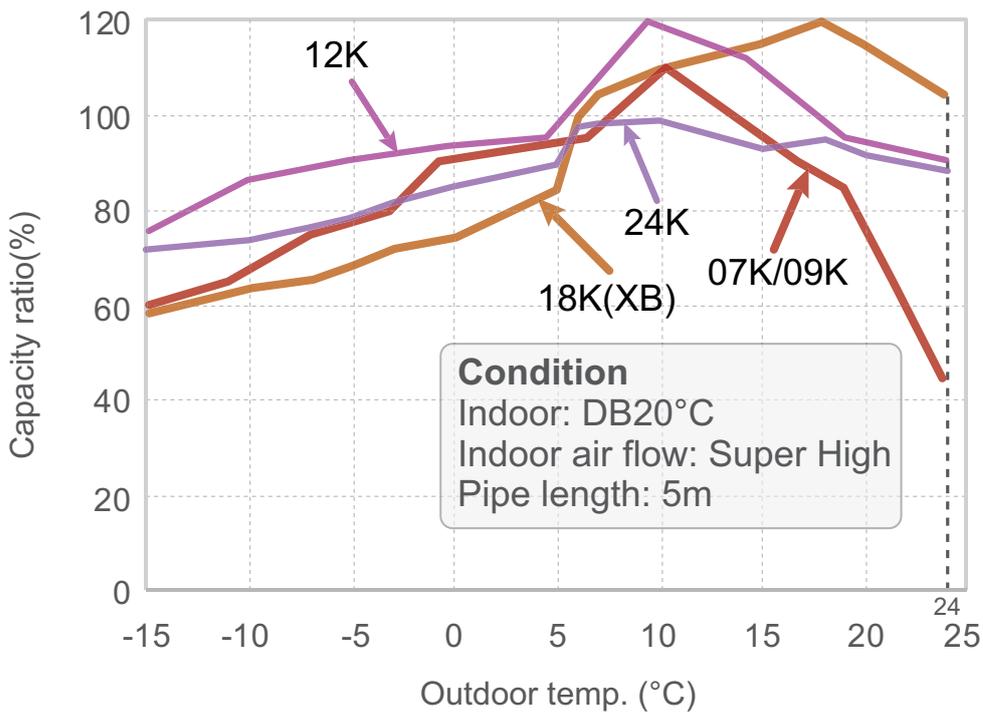
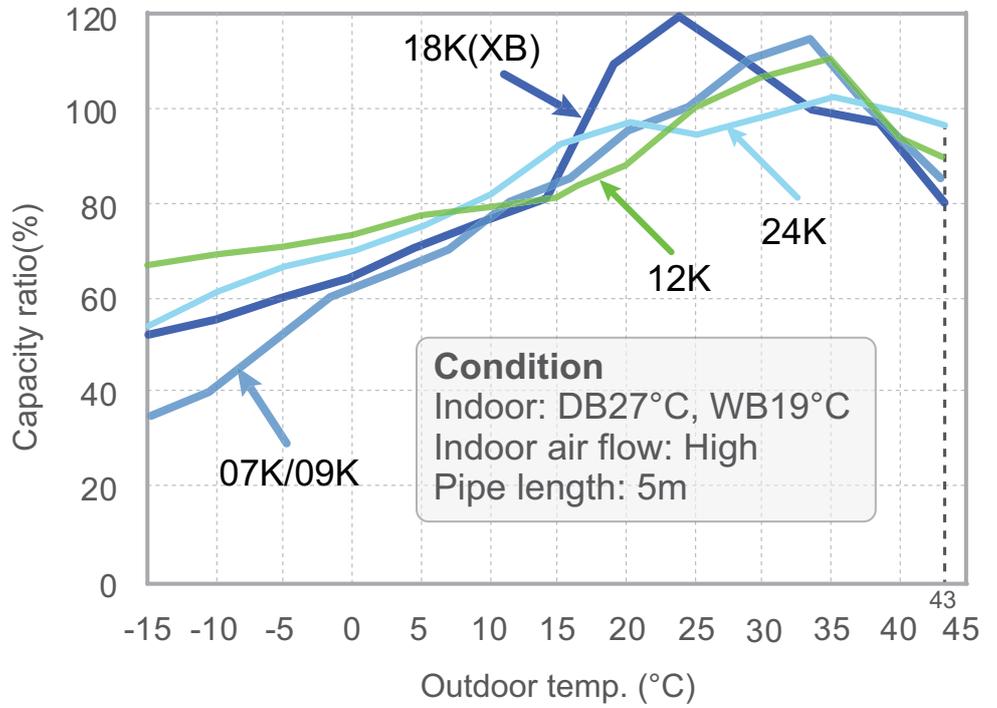
## 3.2 Capacity Variation Ratio According to Temperature

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



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

Cooling ►

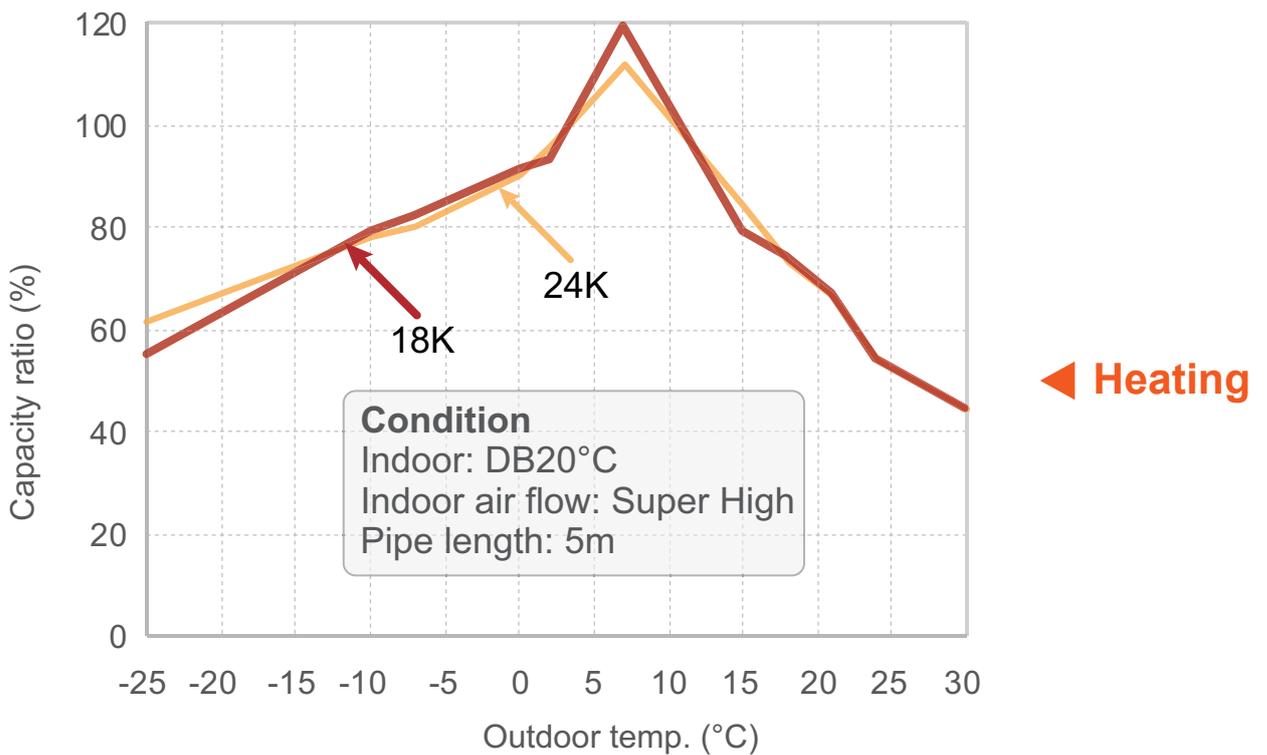
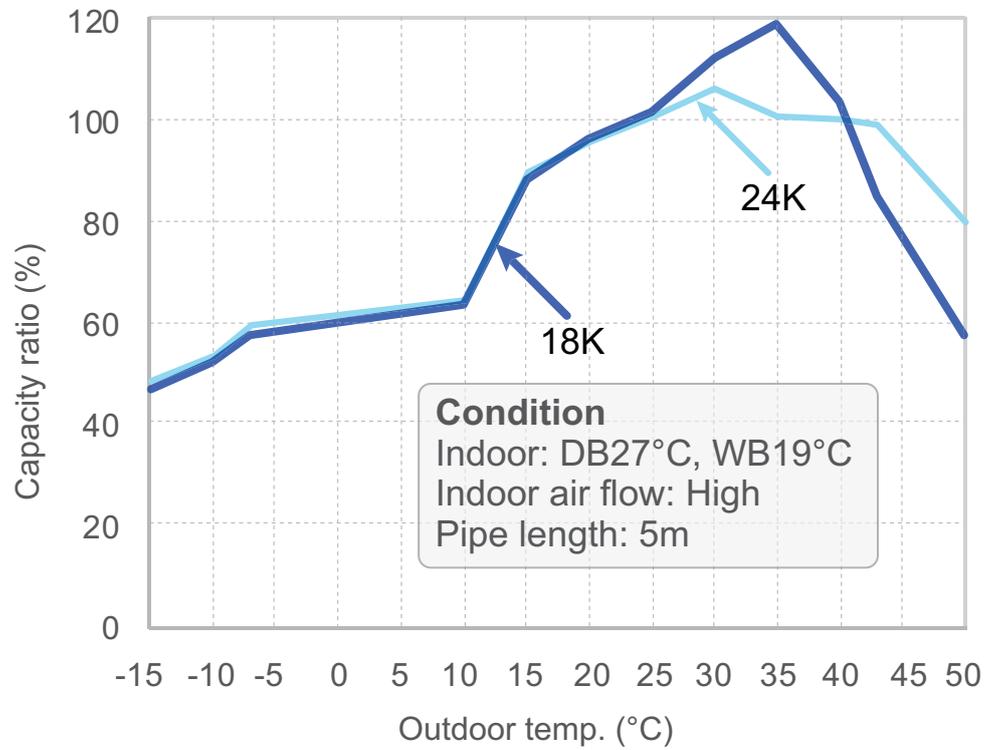


◀ Heating

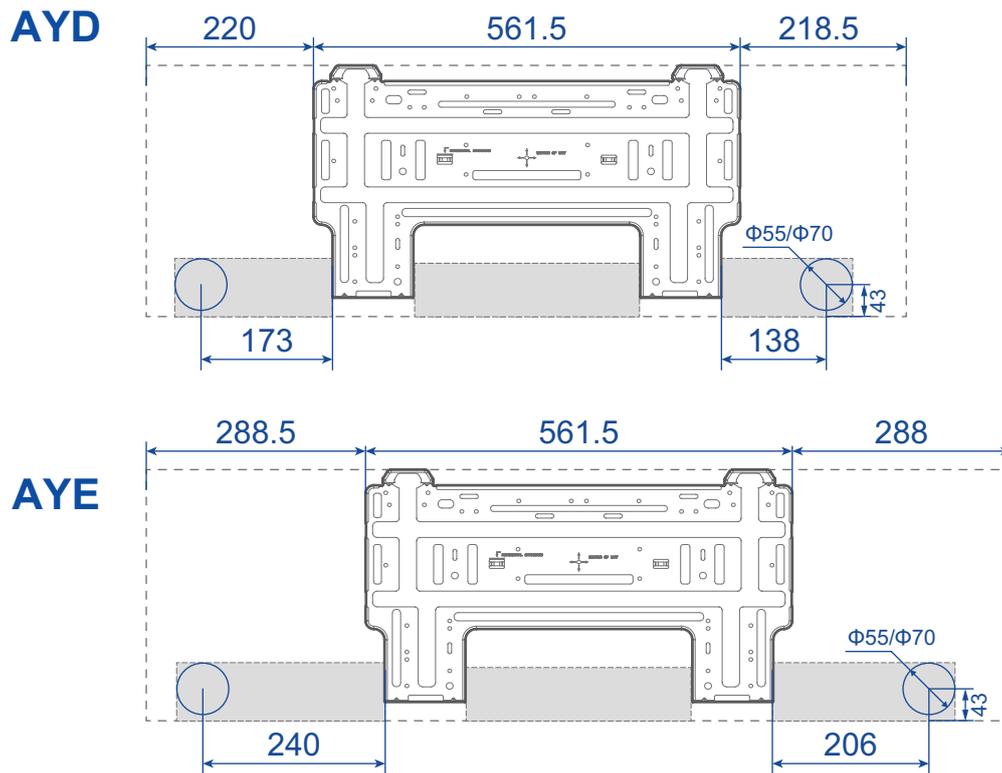
**18K / 24K**

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

**Cooling** ▶



◀ **Heating**

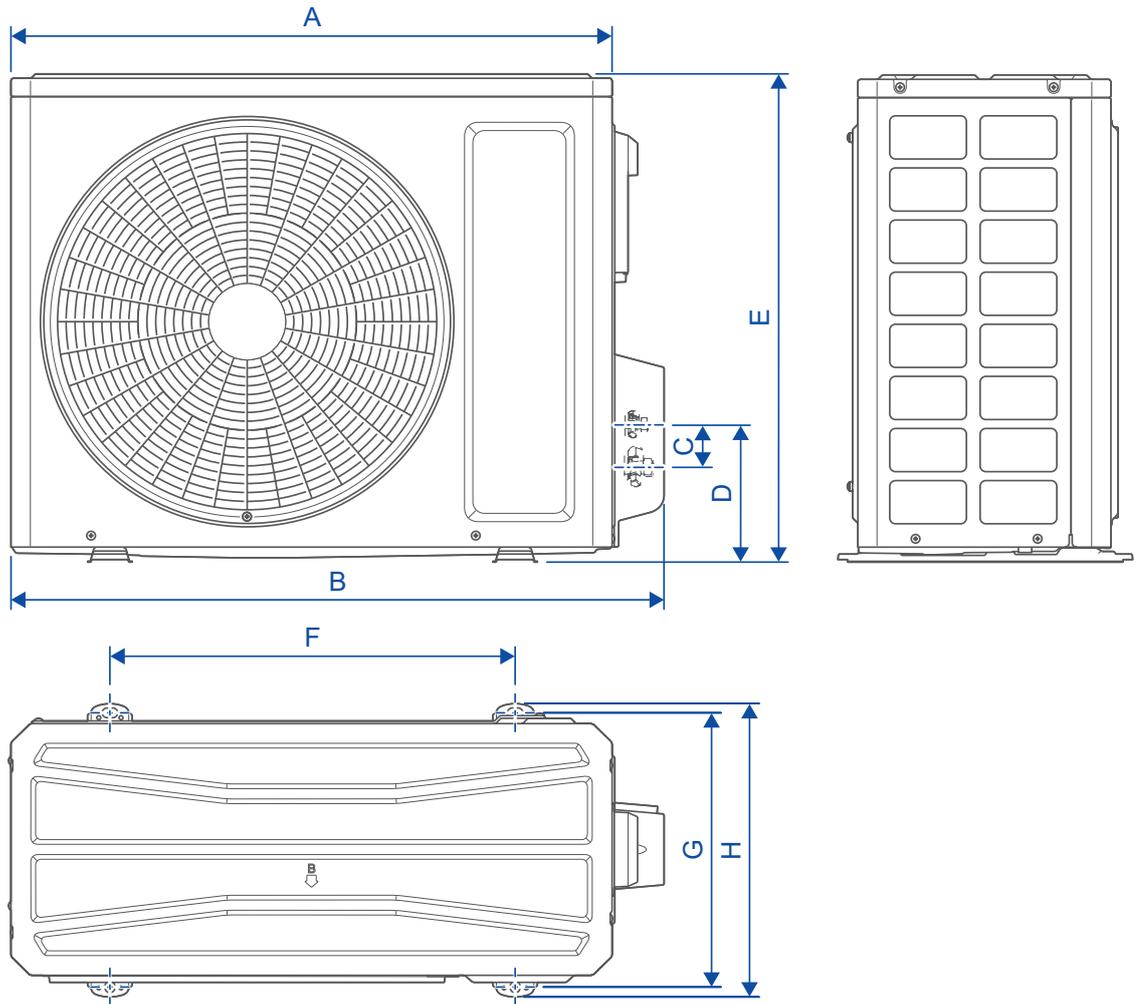


Note: Choose the diameter of piping hole according to the pipe-holesleeve.

Unit: mm

Indoor Unit Model	W	H	D
AYA	758	260	192
AYB	833	260	192
AYC	890	276	206
AYD	1000	333	249
AYE	1138	333	249

## 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 GWH09AWBXB-K6DNA1C/O GWH09ACCXB-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