

AUX

AIR CONDITIONER



2020

KATALOG

SYSTÉM REZIDENČNÍCH
KLIMATIZACÍ

RAC • LCAC



Výhradní distributor pro Českou republiku
a Slovensko:

TD metal s.r.o.

Pobočka

Olomouc

📍 Werichova 721/1, 779 00 Olomouc

☎ +420585237171

✉ info@tdmetal.cz

🌐 **www.tdmetal.cz**

🌐 **www.aux.zone**

AUX



Europe

— 2020 —

Residential Air Conditioner

Group Profile

Established in 1986, AUX Group is an enterprise group which covers several industries: electrical equipment, home appliances, medical service, real estate and financial investment, for many years ranked China's top 500 enterprises. In 2017, the group sales reached RMB 64.9 billion, with total assets of RMB 55.7 billion, profits and tax of RMB 5.9 billion. It has more than 25,000 employees, and eight manufacturing bases in Ningbo, Nanchang, Tianjin, Maanshan (under construction), Brazil and Indonesia. AUX is a leading producer of Smart Meter and Power Box in its sector, and has also ranked third in the Air Conditioning industry. Currently, it has 18 medical institutions in operation or under construction. It owns two listed companies (601567.SH, 02080.HK). As a National Enterprise Technology Center, a Technology Innovation Model Enterprise and a National Post-doctoral Workstation, it owns two globally famous brands: AUX and Sanxing, which worth over RMB 20 billion.

When AUX is working on its development, it also cares about performing its social responsibilities. In the past years, it has donated RMB 270 million in total to various public programs, such as the field of education, disaster relief and environment protection.

In the new era, aiming to become a world-class enterprise, AUX will keep carrying out the mission of Creating an intelligent living environment and Cultivating great talents, and work hard to achieve the strategic goal of 100 billion market value ,100 billion sales and 10 billion profits in 2020.



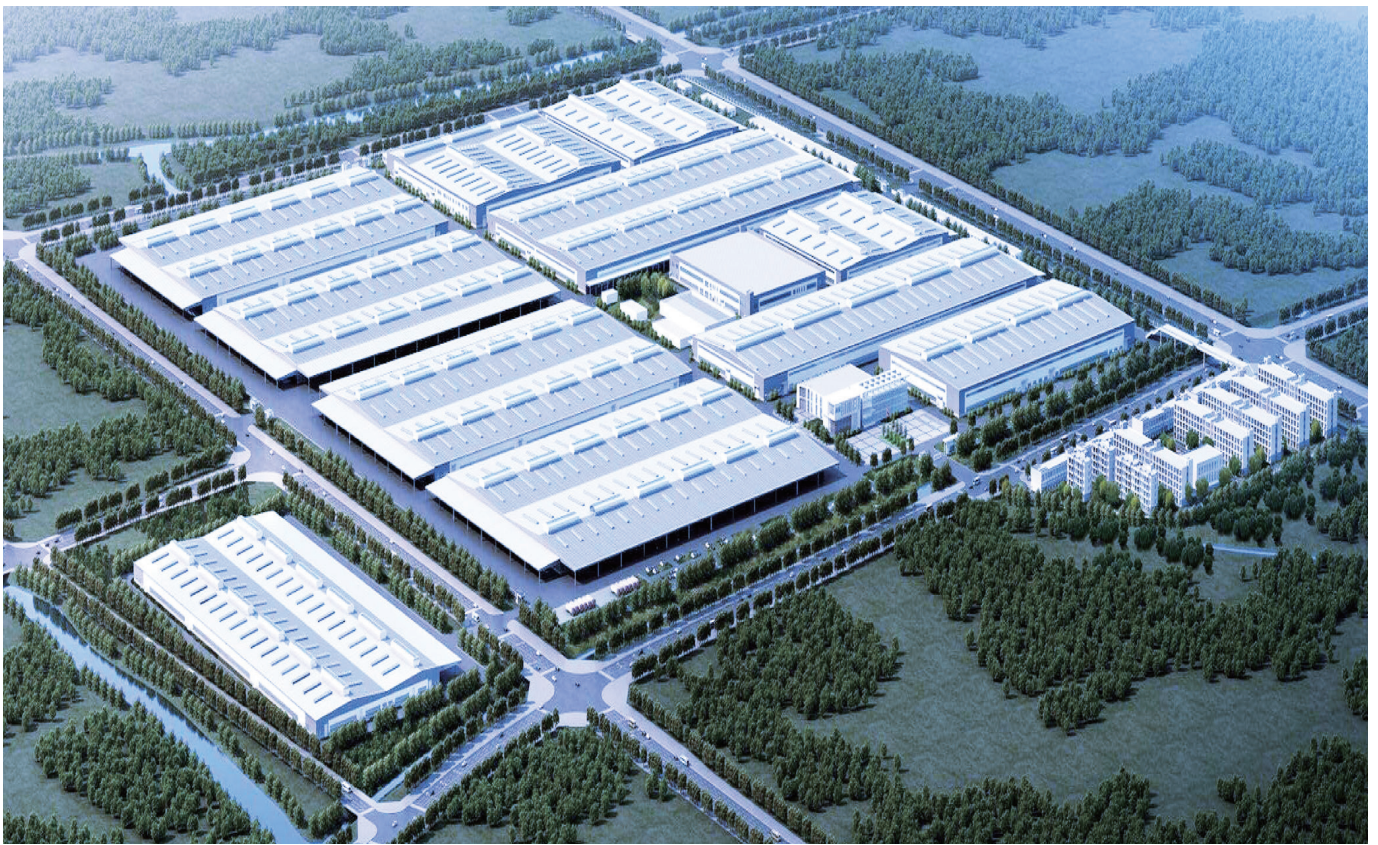


Smart Factory · Ningbo



Jiangshan · Ningbo

Eight global manufacturing bases



Ma'anshan · Anhui



Tianjin



Jiangbei · Ningbo



Nanchang



Brazil · Minas Gerais



Indonesia · Serang

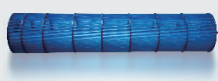




Super Quiet



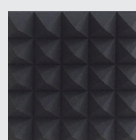
With the help of air tunnel optimization technology, big diameter fan and high efficiency PG motor, the indoor unit can deliver a better air distribution and airflow with noise low to 20dB, providing you with comfortable sleeping environment.



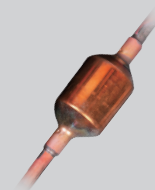
Large-diameter &
Non-equidistant
Cross-flow fan



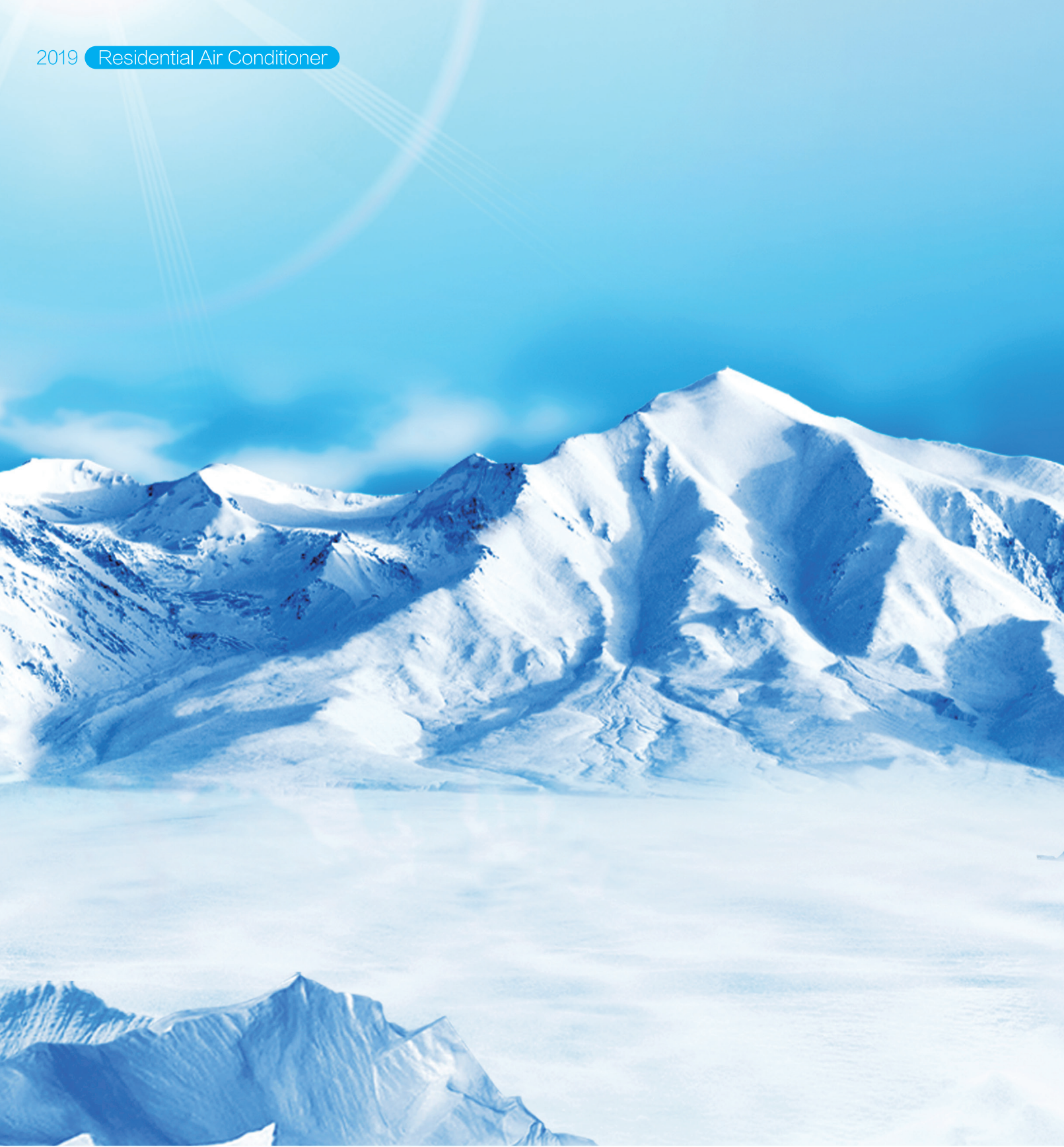
Indoor PG Motor



High quality imported
sound insulation cotton



Efficient pipeline muffler

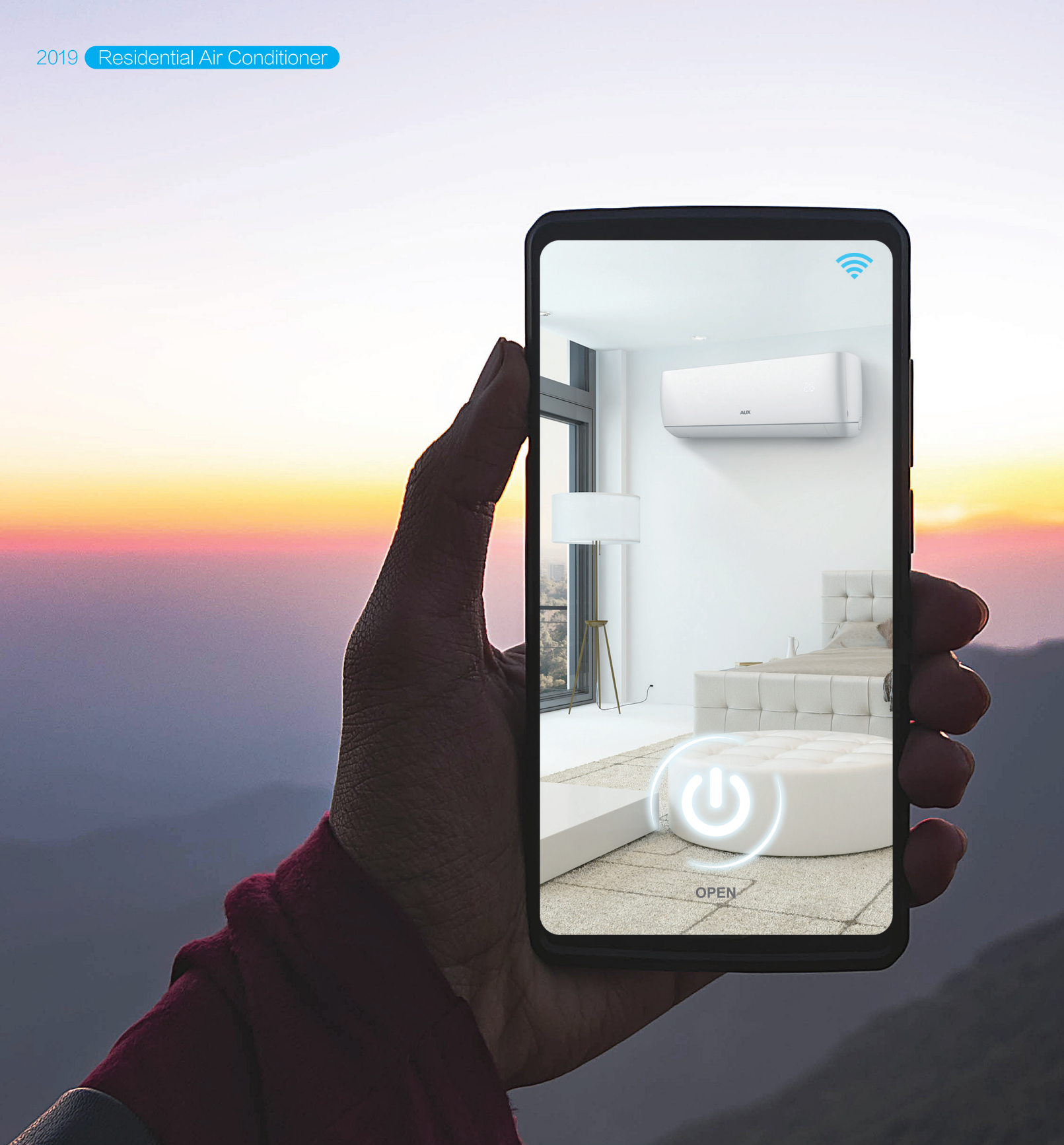


New ODU Appearance

Square Grille
Grilles In Left
Covers



AUX



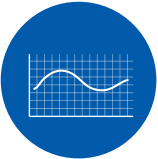
Convenient Control



Weekly Timer



Group Control



Sleep Curve



Error Alarm

cooperation with
Microsoft



INTELLIGENT WIFI FUNCTION



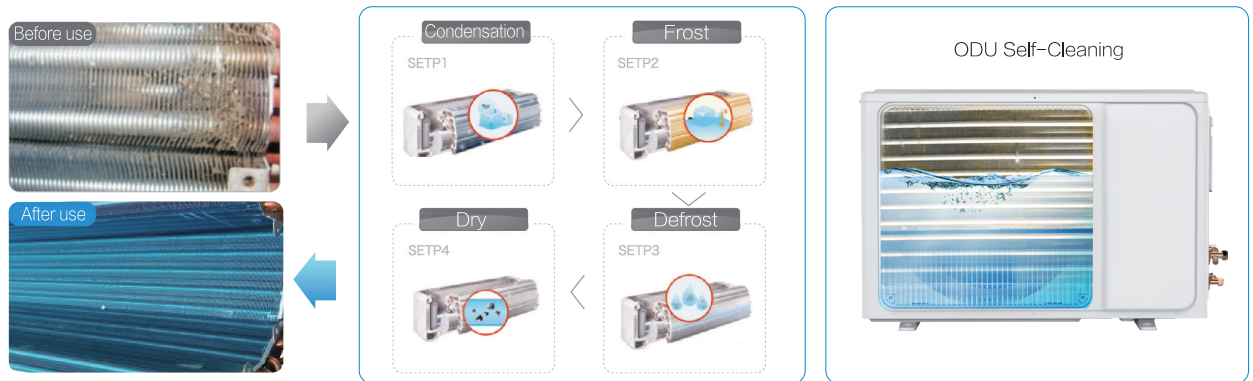
Develop the leading technology, intelligent connection with
Mobile phone, achieve remote controlling the air conditioner



Halo

Self-Cleaning Plus Patent

Heat exchanger starts the auto cleaning by frosting and defrosting, preventing bacteria inside and bringing more healthier air



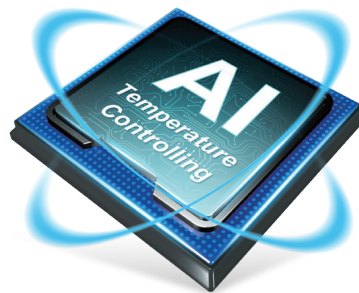
New Inverter System

1Hz+0.1°C+0.3W



1Hz operation

+



0.1°C temperature control

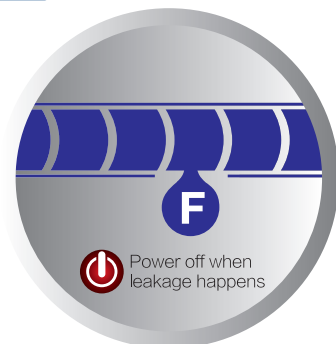
+



0.3W stand by

Fluoride leakage protection

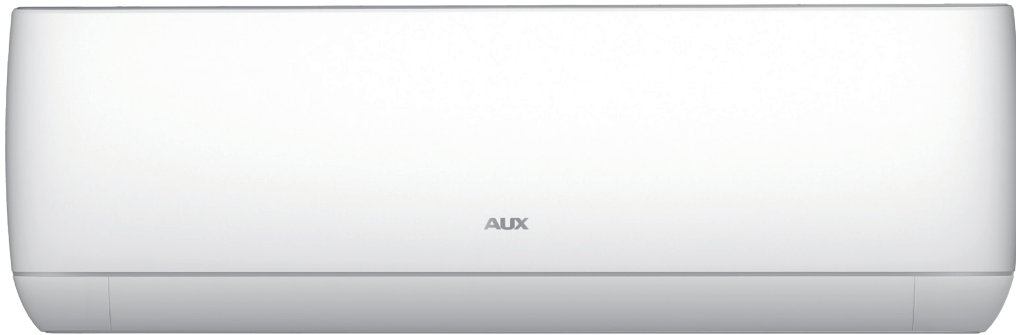
Patent



5VA security controller box



J-Smart



Matte finish panel
0.3mm, Perfect Fit As One
Inside corresponds to outside

Demountable Underjaw Patent

Installation engineers decreased from 2 or 3 to 1



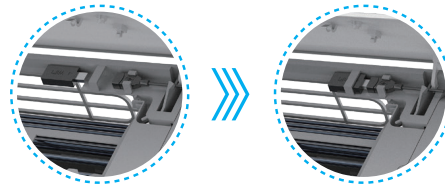
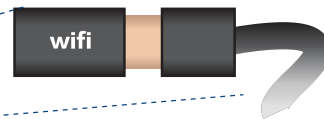
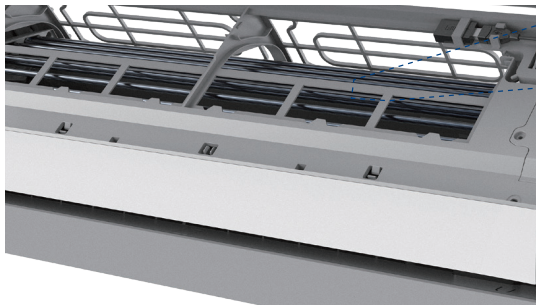
Engineer to 1



Installation time
reduced by 50%

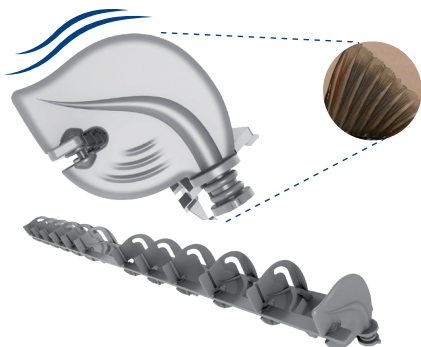
WIFI-2.0

USB wifi, easy for installation and convenience.

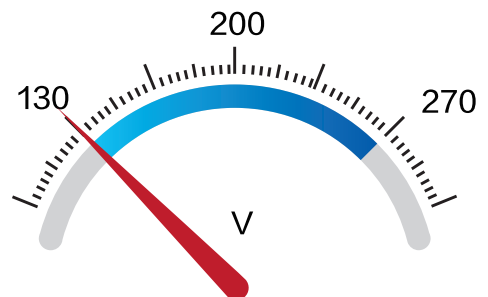


Fins- design air louver Patent

Less air resistance , 10% longer air
supply distance



LOW Voltage (Lower to 130V)



Super Compressor(130-270V)



-20 °C ~60 °C Run and comfortable

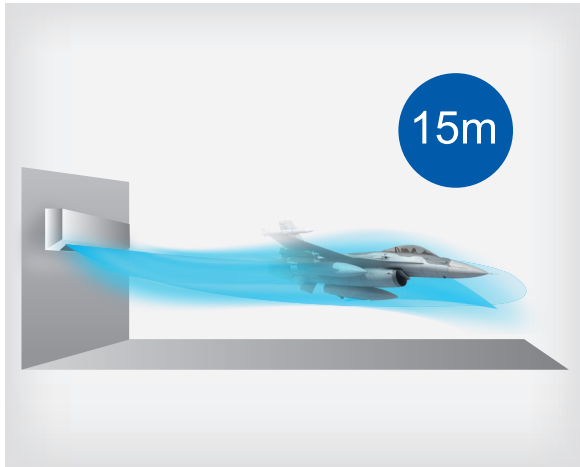
With the leading two-stage compression (EVI) and cooling system optimization technology and high reliable unit components to ensure the reliable operation even in extreme ambient temperature(heating at -20 °C ,cooling at 60 °C)





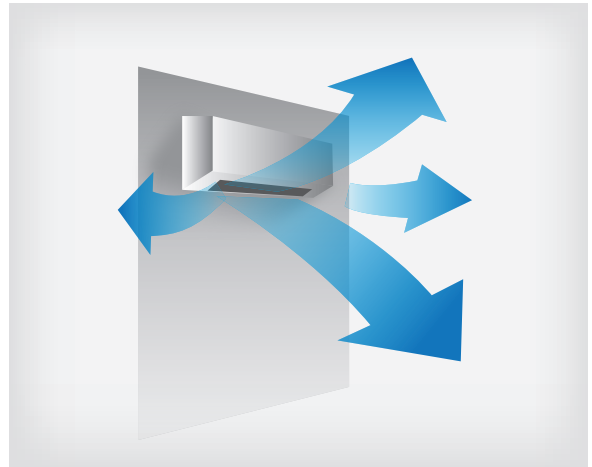
Long-distance Air Flow

The Air-Flow distance could reach 15 m. The highest level in the market is just 12 m.



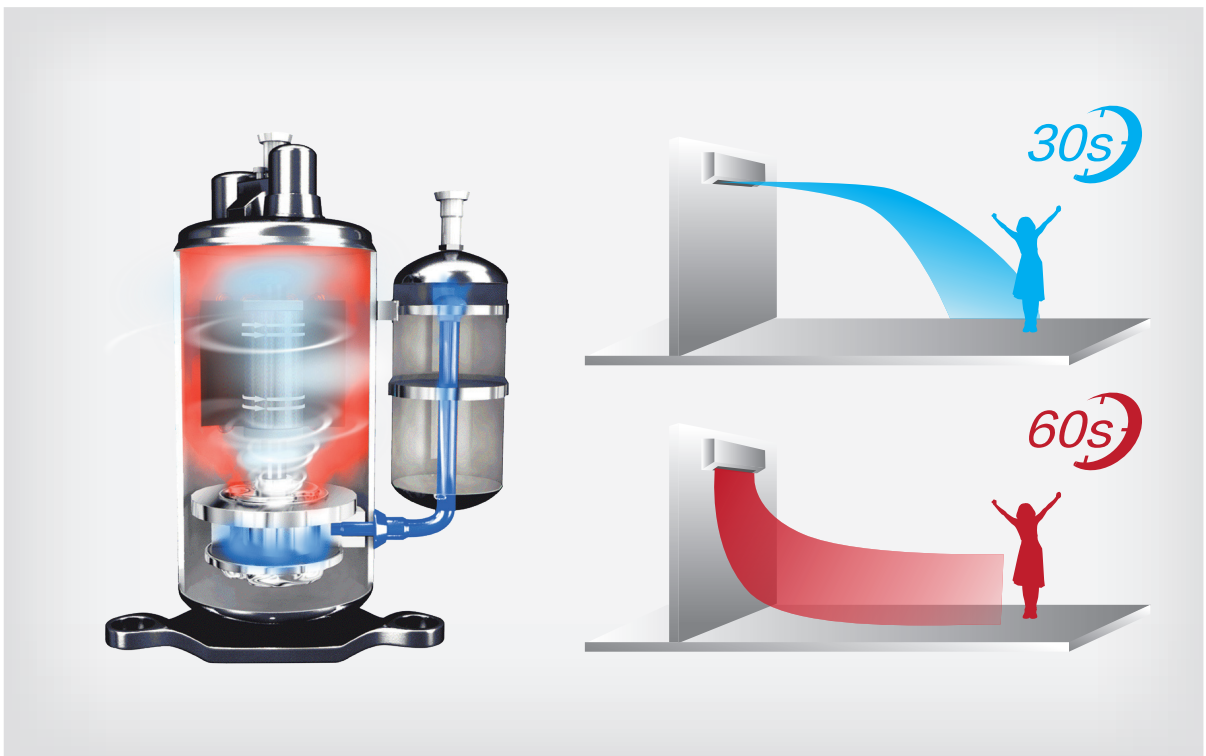
4D Air flow

Helps To Improve Air Distribution And Flow, Makes You Feel More Comfortable



Quick Cooling/Heating

Fast Cooling around 30s / Powerful heating within 1min
Provide comfort in time.





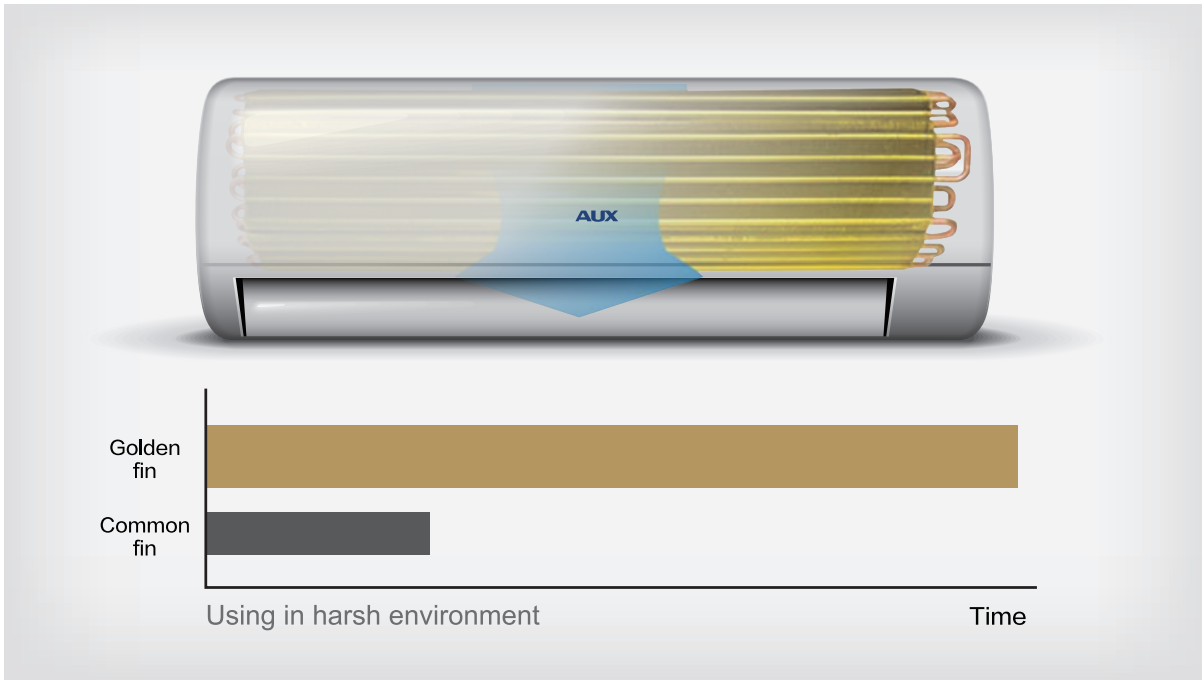
Self-cleaning

When this function is activated, firstly the indoor unit operates in cooling mode with low fan speed, during this period the condensed water will take dust on evaporator fins away. After that the unit turns to heating operation with low fan speed, which dries the inside of indoor unit. Finally it turns to fan-only mode and blows away the rest wet air. The whole process keeps the internal side of indoor unit dry and prevents the breeding of bacteria.



Golden fin

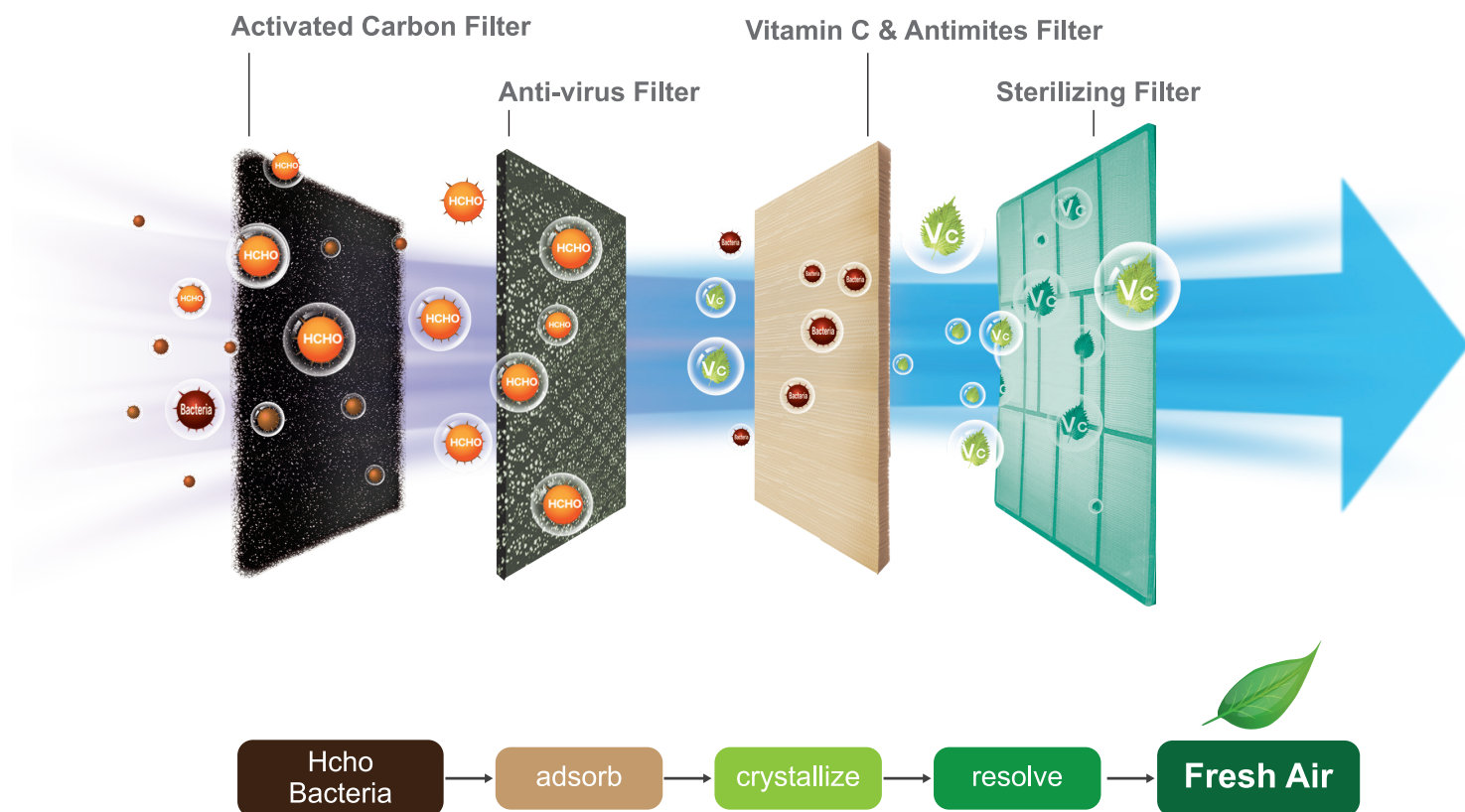
The golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.





Fresh Air

Air Fresh Technology



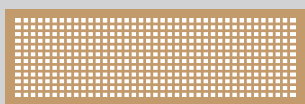
Activated Carbon Filter

The VB Activated Carbon Filter filters out of formaldehyde and other harmful gases.



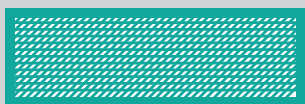
Anti-virus Filter

The VB Anti-virus Filter with lysozyme element can resist some virus effectively



Vitamin C & Antimites Filter

The Vitamin C filter softens the skin and reduces stress by filling the air with vitamin C. The lifetime of the Vitamin C filter is approximately two years.



Sterilizing Filter

With this sterilizing filter, it will be much difficult for bacteria to survive.





Self-diagnosis
Function



ABS
material



Sleep Mode



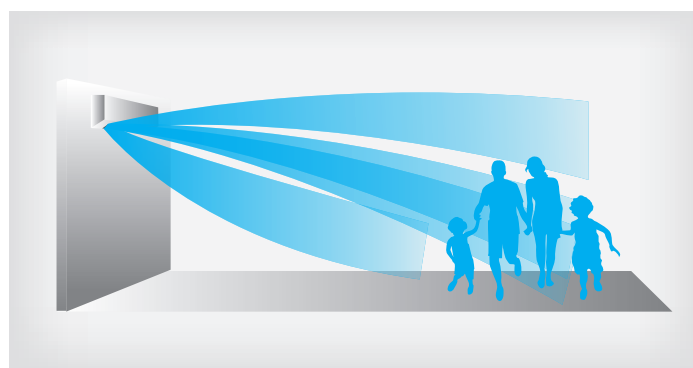
Timer

Diamond series



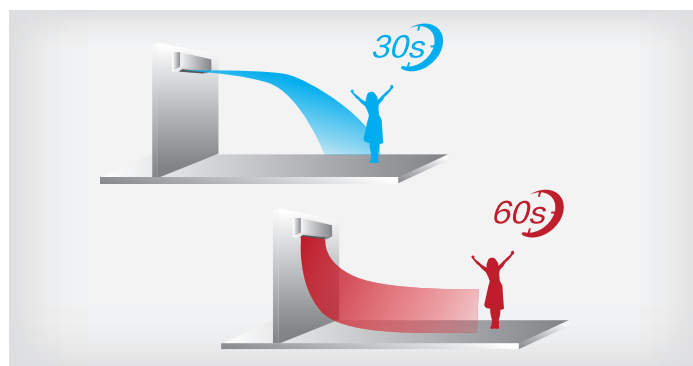
Strong Air Outlet

Can Boost Cooling Or Heating Speed
In A Short Period , And Makes The
Room Cool Down Or Heat Up Rapidly



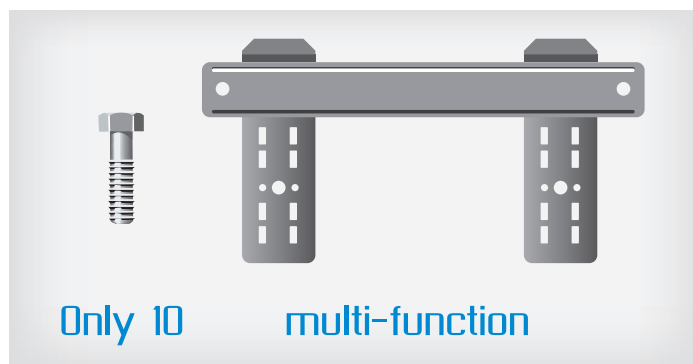
Quick Cooling/Heating

Fast Cooling around 30s / Powerful
heating within 1min
Provide comfort in time.



Long-distance Air Flow

It makes the installation more convenient
and costs less.







Self-diagnosis
Function



ABS
material



Sleep Mode



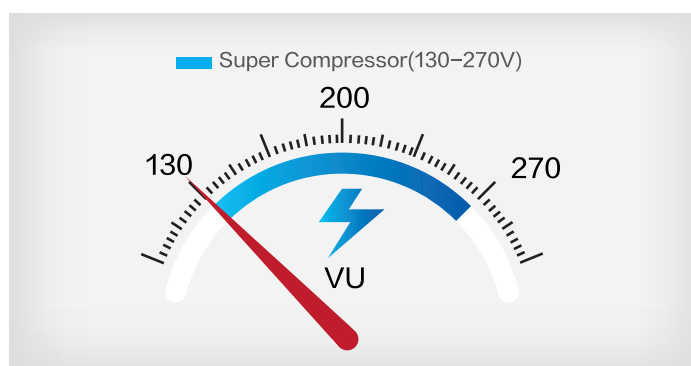
Timer

Legend series



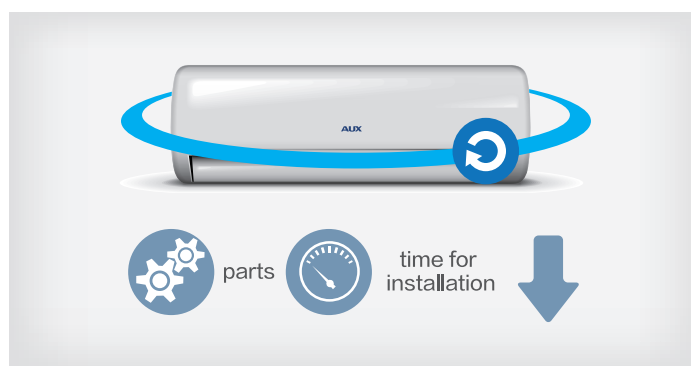
Lowest to 130V Operating

Suitable for unstable power supply areas



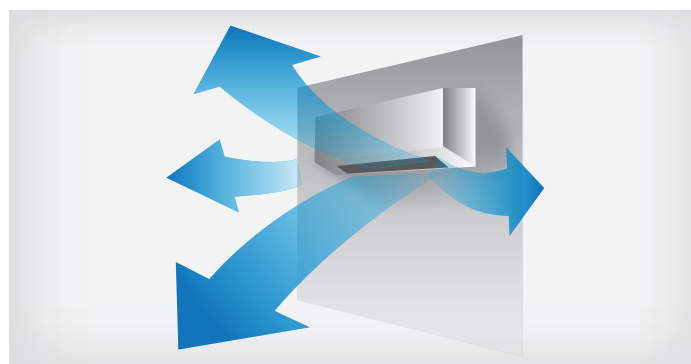
Integrated design

It Makes The Installation More Convenient



4D Air flow

Helps To Improve Air Distribution And
Flow, Makes You Feel More
Comfortable







Self-diagnosis
Function



ABS
material



Sleep Mode



Timer

Freedom series



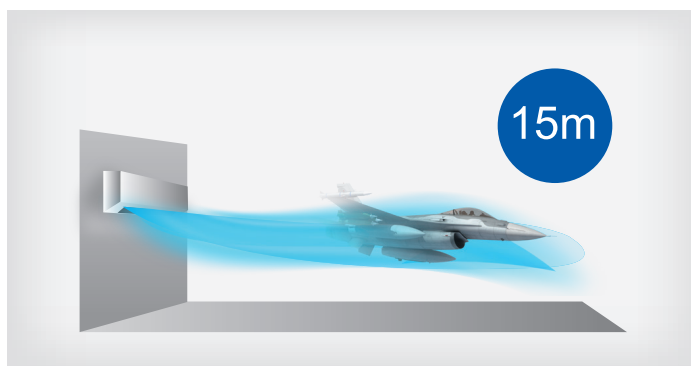
Self-cleaning

Prevents The Breeding Of Bacteria.



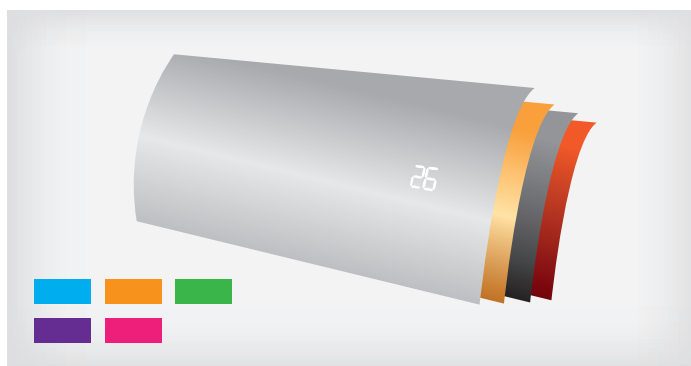
Long-distance Air Flow

The Air-Flow distance could reach 15 m.
The highest level in the market is just 12 m.



Colorful panel

colorful and fashionable panels, shining
your life







Self-diagnosis
Function



ABS
material



Sleep Mode



Timer

Floor Standing

APA



Golden fin

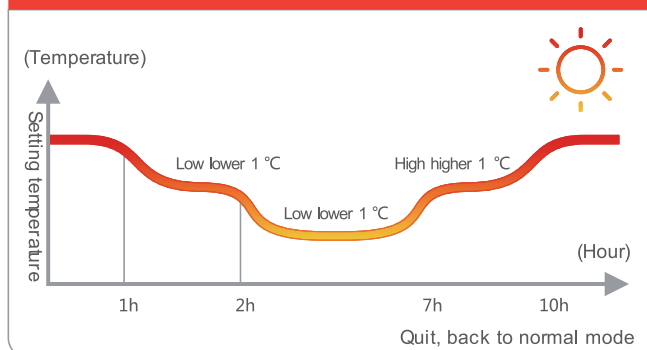
The golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



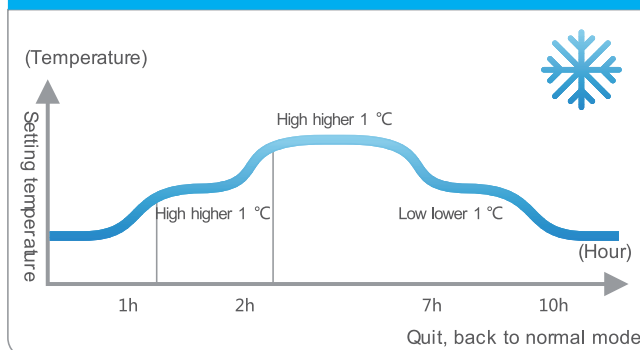
Deep Sleep System

Enjoy comfortable and high-quality sleep AUX innovative deep sleep intelligent technology, breaking one-way temperature control of traditional sleep mode, helping enter and extend the deep sleeping time, which makes customers enjoy comfortable and high-quality sleep

Sleeping temperature variation chart in heating operation



Sleeping temperature variation chart in cooling operation





Self-diagnosis
FunctionABS
material

Sleep Mode



Timer

Portable



Golden fin

The golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



High Efficiency Compressor

High quality compressor, stable running with excellent efficiency



Low Noise

Equipped with Perfect Airduct, Low Noise compressor and fan motor, the super quiet design makes our portable AC more competitive.







Self-diagnosis
Function



ABS
material



Sleep Mode



Timer

Portable



Moveable Design

With 4 wheels on the base



High Efficiency Compressor

High quality compressor, stable running
with excellent efficiency



New Refrigerant

More environmental protection and
energy saving







Self-diagnosis
Function



ABS
material



Sleep Mode



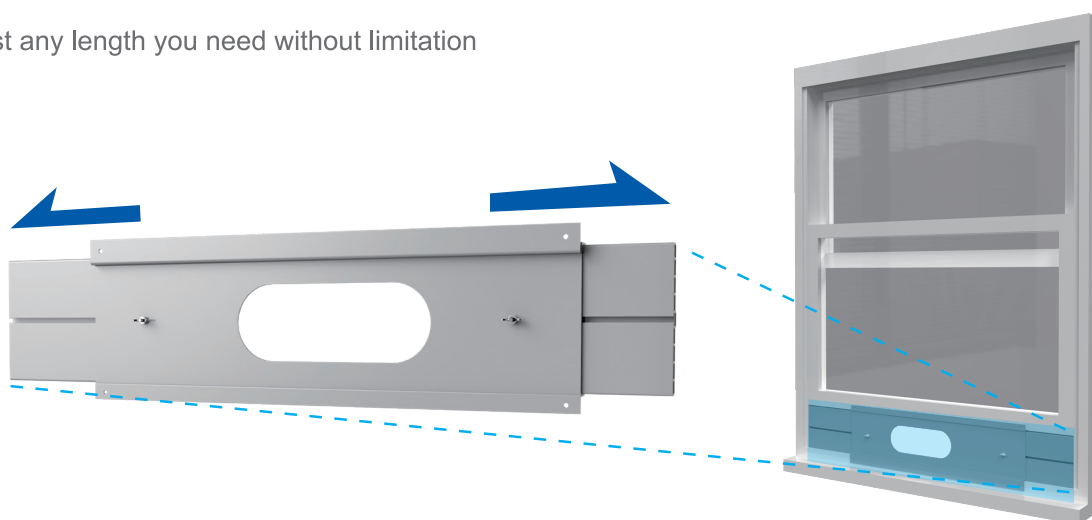
Timer

Portable



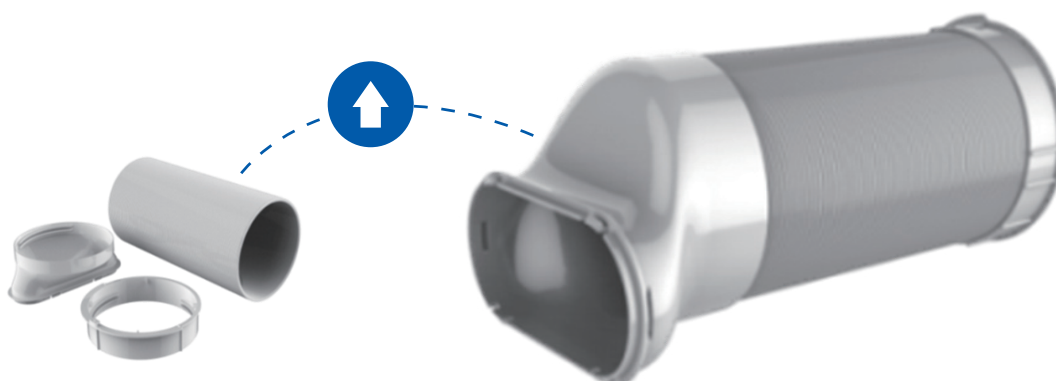
Arbitrary Lengthen

To adjust any length you need without limitation



Integral Design

Concentrate on user experience, the design of accessories is more close to market.







Self-diagnosis
Function



ABS
material



Sleep Mode



Timer

Portable



Golden fin

The golden hydrophilic fin can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



Moveable Design

With 4 wheels on the base



High Efficiency Compressor

High quality compressor, stable running with excellent efficiency



Europe R32

J-Smart series

Freedom series

Halo series

Legend series



Auto-Restart



Self-Cleaning



Sleep Mode



Quick Cooling/Heating



Self-diagnosis
Function



Super Quiet design



Timer



Dual Sides Water Outlet

L-Series A+++/A++

R32

Model			12K	18K
Performance				
Cooling Capacity		Btu/h	12000	18000
Heating Capacity		Btu/h	13000	19000
SEER		W/W	8.5	8.5
SCOP		W/W	4.6	4.6
Air Flow Volume	Indoor	m3/h	950	1150
Pressure Noise Level	Indoor	dB(A)	50/45/40/35	50/45/40/35
	Outdoor	dB(A)	52	54
Power Noise Level	Indoor	dB(A)	59	59
	Outdoor	dB(A)	62	64
Net Dimension&Net Weight				
WxHxD	Indoor	mm	970 × 315 × 235	1100 × 330 × 235
	Outdoor	mm	800 × 545 × 315	900 × 700 × 350
Net Weight(Indoor/Outdoor)		Kg	11/39	14/36
Packing Dimension&Gross Weight				
WxHxD	Indoor	mm	1047 × 385 × 317	1180 × 400 × 317
	Outdoor	mm	920 × 620 × 400	1020 × 770 × 430
Loading QTY				
Loading QTY 40H			192	138

L-Series A++/A+

R32

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.1	6.1	6.1	6.1
SCOP		W/W	4.0	4.0	4.0	4.0
Air Flow Volume	Indoor	m3/h	650	680	1000	1150
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	42/37/33/27	46/39/36/31	49/42/39/33
	Outdoor	dB(A)	48	48	52	55
Power Noise Level	Indoor	dB(A)	52	52	57	59
	Outdoor	dB(A)	57	57	61	64
Net Dimension&Net Weight						
WxHxD	Indoor	mm	800 × 300 × 198	800 × 300 × 198	970 × 315 × 235	1100 × 330 × 235
	Outdoor	mm	730 × 545 × 285	730 × 545 × 285	800 × 545 × 315	900 × 700 × 350
Net Weight(Indoor/Outdoor)		Kg	9/27	10/28	13/35	16/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	870 × 370 × 282	870 × 370 × 282	1047 × 385 × 317	1180 × 400 × 317
	Outdoor	mm	850 × 620 × 370	850 × 620 × 370	920 × 620 × 400	1020 × 770 × 430
Loading QTY						
Loading QTY 40H			242	242	192	138

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

F-Series A++/A+

R32

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.1	6.1	6.1	6.1
SCOP		W/W	4.0	4.0	4.0	4.0
Air Flow Volume	Indoor	m3/h	600	600	850	1150
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	42/37/33/27	46/39/36/31	49/42/39/33
	Outdoor	dB(A)	46	48	50	55
Power Noise Level	Indoor	dB(A)	53	53	57	60
	Outdoor	dB(A)	57	58	61	64
Net Dimension&Net Weight						
WxHxD	Indoor	mm	750×285×200	750×285×200	900×310×225	1082×330×233
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	8/27	8.5/28	12/35	15/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	820×347×277	820×347×277	970×382×302	1155×397×312
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY	40H		246	246	200	143

J-Series A++/A+

R32

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.3	6.3	6.3	6.3
SCOP		W/W	4.1	4.1	4.1	4.1
Air Flow Volume	Indoor	m3/h	620	630	880	1170
Pressure Noise Level	Indoor	dB(A)	42/37/32/27	40/35/31/25	45/38/35/30	48/41/38/32
	Outdoor	dB(A)	47	45	50	62
Power Noise Level	Indoor	dB(A)	53	53	58	61
	Outdoor	dB(A)	57	58	62	65
Net Dimension&Net Weight						
WxHxD	Indoor	mm	792×292×201	792×292×201	940×316×224	1132×330×232
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	8.5/27	9/28	12.5/35	15.5/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	888×370×290	888×370×290	1010×385×310	1205×400×317
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY	40H		238	238	194	138

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
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Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.5	6.5	6.5	6.5
SCOP		W/W	4.2	4.2	4.2	4.2
Air Flow Volume	Indoor	m3/h	630	640	900	1180
Pressure Noise Level	Indoor	dB(A)	42/37/32/27	40/35/31/25	45/38/35/30	48/41/38/32
	Outdoor	dB(A)	47	45	50	62
Power Noise Level	Indoor	dB(A)	53	53	59	62
	Outdoor	dB(A)	57	58	63	66
Net Dimension&Net Weight						
WxHxD	Indoor	mm	792 × 292 × 201	792 × 292 × 201	940 × 316 × 224	1132 × 330 × 232
	Outdoor	mm	730 × 545 × 285	730 × 545 × 285	800 × 545 × 315	900 × 700 × 350
Net Weight(Indoor/Outdoor)		Kg	8.5/27.5	9/28.5	12.5/36	15.5/46
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	888 × 370 × 290	888 × 370 × 290	1010 × 385 × 310	1205 × 400 × 317
	Outdoor	mm	850 × 620 × 370	850 × 620 × 370	920 × 620 × 400	1020 × 770 × 430
Loading QTY						
Loading QTY 40H			238	238	194	138



Europe R410A

J-Smart series
Freedom series

Legend series
Diamond series



Auto-Restart



Self-Cleaning



Sleep Mode



Quick Cooling/Heating



Self-diagnosis
Function



Super Quiet design



Timer



Dual Sides Water Outlet

L-Series A++/A+

R410A

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.1	6.1	6.1	6.1
SCOP		W/W	4.0	4.0	4.0	4.0
Air Flow Volume	Indoor	m3/h	650	650	1000	1250
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	42/37/33/27	46/39/36/31	52/49/43/38
	Outdoor	dB(A)	48	52	54	55
Power Noise Level	Indoor	dB(A)	52	53	58	62
	Outdoor	dB(A)	58	60	63	66
Net Dimension&Net Weight						
WxHxD	Indoor	mm	800×300×198	800×300×198	970×315×235	1100×330×235
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	9/27	10/28	13/35	16/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	870×370×282	870×370×282	1047×385×317	1180×400×317
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY 40H			242	242	192	138

F-Series A++/A+

R410A

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.1	6.1	6.1	6.1
SCOP		W/W	4.0	4.0	4.0	4.0
Air Flow Volume	Indoor	m3/h	600	600	900	1250
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	43/38/34/28	46/39/36/31	52/49/43/38
	Outdoor	dB(A)	48	52	54	55
Power Noise Level	Indoor	dB(A)	51	53	56	62
	Outdoor	dB(A)	58	60	63	66
Net Dimension&Net Weight						
WxHxD	Indoor	mm	750×285×200	750×285×200	900×310×225	1082×330×233
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	8/27	9/28	12/35	15/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	820×347×277	820×347×277	970×382×302	1155×397×312
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY 40H			246	246	200	143

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

J-Series A++/A+

R410A

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.3	6.3	6.3	6.3
SCOP		W/W	4.1	4.1	4.1	4.1
Air Flow Volume	Indoor	m3/h	600	600	900	1250
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	43/38/34/28	46/39/36/31	52/49/43/38
	Outdoor	dB(A)	47	50	53	55
Power Noise Level	Indoor	dB(A)	51	53	56	62
	Outdoor	dB(A)	58	60	63	66
Net Dimension&Net Weight						
WxHxD	Indoor	mm	792x292x201	792x292x201	940x316x224	1132x330x232
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	8.5/27	9.5/28	12/35	15/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	888x370x290	888x370x290	1010x385x310	1205x400x317
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY	40H		238	238	194	138

D-Series A++/A+

R410A

Model			9K	12K	18K	24K
Performance						
Cooling Capacity		Btu/h	9000	12000	18000	24000
Heating Capacity		Btu/h	10000	13000	19000	26000
SEER		W/W	6.1	6.1	6.1	6.1
SCOP		W/W	4.0	4.0	4.0	4.0
Air Flow Volume	Indoor	m3/h	650	650	1000	1250
Pressure Noise Level	Indoor	dB(A)	42/37/33/27	42/37/33/27	46/39/36/31	52/49/43/38
	Outdoor	dB(A)	48	52	54	55
Power Noise Level	Indoor	dB(A)	52	53	58	62
	Outdoor	dB(A)	58	60	63	66
Net Dimension&Net Weight						
WxHxD	Indoor	mm	800×300×198	800×300×198	970×315×235	1100×330×235
	Outdoor	mm	730×545×285	730×545×285	800×545×315	900×700×350
Net Weight(Indoor/Outdoor)		Kg	9/27	10/28	13/35	16/45
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	870×370×282	870×370×282	1047×385×317	1180×400×317
	Outdoor	mm	850×620×370	850×620×370	920×620×400	1020×770×430
Loading QTY						
Loading QTY	40H		242	242	192	138

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.



Europe Portable

M series

N series

Q series

L series



Auto-Restart



Self-Cleaning



Sleep Mode



Quick Cooling/Heating



Self-diagnosis
Function



Super Quiet design



Timer



Dual Sides Water Outlet

L-Series / 50Hz / A

R410A

Model			9K	9K	12K	12K
Performance						
Cooling Capacity		Btu/h	9000	9000	12000	12000
Heating Capacity		Btu/h	9000	—	12000	—
EER		W/W	2.71	2.71	2.63	2.63
COP		W/W	3.01	—	3.01	—
Air Flow Volume	Indoor	m3/h	410	410	410	410
Noise Level	Indoor	dB(A)	65	65	65	65
	Outdoor	dB(A)	—	—	—	—
Net Dimension&Net Weight						
WxHxD	Indoor	mm	475 × 798 × 417	475 × 798 × 417	475 × 798 × 417	475 × 798 × 417
	Outdoor	mm	—	—	—	—
Net Weight(Indoor/Outdoor)		Kg	29	29	32	32
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	520 × 885 × 450	520 × 885 × 450	520 × 885 × 450	520 × 885 × 450
	Outdoor	mm	—	—	—	—
Gross Weight(Indoor/Outdoor)		Kg	35	35	38	38
Loading QTY						
Loading QTY	40H		347	347	347	347

Q-Series / 50Hz / A

R410A

Model			9K	9K	12K	12K
Performance						
Cooling Capacity		Btu/h	9000	9000	12000	12000
Heating Capacity		Btu/h	9000	—	12000	—
EER		W/W	2.71	2.71	2.63	2.63
COP		W/W	3.01	—	3.01	—
Air Flow Volume	Indoor	m3/h	410	410	410	410
Noise Level	Indoor	dB(A)	65	65	65	65
	Outdoor	dB(A)	—	—	—	—
Net Dimension&Net Weight						
WxHxD	Indoor	mm	494 × 793 × 423	494 × 793 × 423	494 × 793 × 423	494 × 793 × 423
	Outdoor	mm	—	—	—	—
Net Weight(Indoor/Outdoor)		Kg	29	29	32	32
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	520 × 885 × 465	520 × 885 × 465	520 × 885 × 465	520 × 885 × 465
	Outdoor	mm	—	—	—	—
Gross Weight(Indoor/Outdoor)		Kg	35	35	38	38
Loading QTY						
Loading QTY	40H		335	335	335	335

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

N-Series / 50Hz / A+

R410A

Model			9K	9K	12K	12K
Performance						
Cooling Capacity		Btu/h	9000	9000	12000	12000
Heating Capacity		Btu/h	9000	—	12000	—
EER		W/W	3.10	3.10	3.10	3.10
COP		W/W	3.21	—	3.21	—
Air Flow Volume	Indoor	m3/h	410	410	410	410
Noise Level	Indoor	dB(A)	65	65	65	65
	Outdoor	dB(A)	—	—	—	—
Net Dimension&Net Weight						
WxHxD	Indoor	mm	410×770×480	410×770×480	410×770×480	410×770×480
	Outdoor	mm	—	—	—	—
Net Weight(Indoor/Outdoor)		Kg	29	29	32	32
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	520×885×465	520×885×465	520×885×465	520×885×465
	Outdoor	mm	—	—	—	—
Gross Weight(Indoor/Outdoor)		Kg	35	35	38	38
Loading QTY						
Loading QTY 40H			335	335	335	335

M-Series / 50Hz / A +

R290

Model			9K	9K	12K	12K
Performance						
Cooling Capacity		Btu/h	9000	9000	12000	12000
Heating Capacity		Btu/h	9000	—	12000	—
EER		W/W	3.10	3.10	3.10	3.10
COP		W/W	3.21	—	3.21	—
Air Flow Volume	Indoor	m3/h	350	350	400	400
Noise Level	Indoor	dB(A)	63	63	63	63
	Outdoor	dB(A)	—	—	—	—
Net Dimension&Net Weight						
WxHxD	Indoor	mm	466×720×362	466×720×362	466×720×362	466×720×362
	Outdoor	mm	—	—	—	—
Net Weight(Indoor/Outdoor)		Kg	32	32	33	33
Packing Dimension&Gross Weight						
WxHxD	Indoor	mm	545x435x885	545x435x885	545x435x885	545x435x885
	Outdoor	mm	—	—	—	—
Gross Weight(Indoor/Outdoor)		Kg	38	38	39	39
Loading QTY						
Loading QTY 40H			341	341	341	341

Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.



Europe Floor Standing

AK series

APA series



Auto-Restart



Self-Cleaning



Sleep Mode



Quick Cooling/Heating



Self-diagnosis
Function



Super Quiet design



Timer



Dual Sides Water Outlet

AK-Series / A

R410A

Model			24K	30K
Performance				
Cooling Capacity		Btu/h	24000	29000
Heating Capacity		Btu/h	25500	31000
EER		W/W	2.92	2.76
COP		W/W	3.22	3.15
Air Flow Volume	Indoor	m3/h	1200	1250
Noise Level	Indoor	dB(A)	47	47
	Outdoor	dB(A)	55	55
Net Dimension&Net Weight				
WxHxD	Indoor	mm	506 × 1780 × 315	506 × 1780 × 315
	Outdoor	mm	825 × 655 × 310	900 × 700 × 350
Net Weight(Indoor/Outdoor)		Kg	45/53	45/55
Packing Dimension&Gross Weight				
WxHxD	Indoor	mm	620 × 1970 × 460	620 × 1970 × 460
	Outdoor	mm	945 × 725 × 435	1020 × 770 × 430
Gross Weight(Indoor/Outdoor)		Kg	55/58	55/60
Loading QTY				
Loading QTY 40H			80	75

APA-Series / A

R410A

Model			48K	60K
Performance				
Cooling Capacity		Btu/h	48000	60000
Heating Capacity		Btu/h	50000	62000
EER		W/W	3.21	2.52
COP		W/W	3.66	2.64
Air Flow Volume	Indoor	m3/h	2300	2300
Noise Level	Indoor	dB(A)	59	59
	Outdoor	dB(A)	61	61
Net Dimension&Net Weight				
WxHxD	Indoor	mm	580 × 1925 × 400	580 × 1925 × 400
	Outdoor	mm	940 × 1320 × 340	940 × 1320 × 340
Net Weight(Indoor/Outdoor)		Kg	58/110	58/115
Packing Dimension&Gross Weight				
WxHxD	Indoor	mm	695 × 2075 × 560	695 × 2075 × 560
	Outdoor	mm	1070 × 1435 × 450	1070 × 1435 × 450
Gross Weight(Indoor/Outdoor)		Kg	69/126	69/131
Loading QTY				
Loading QTY 40H			40	40

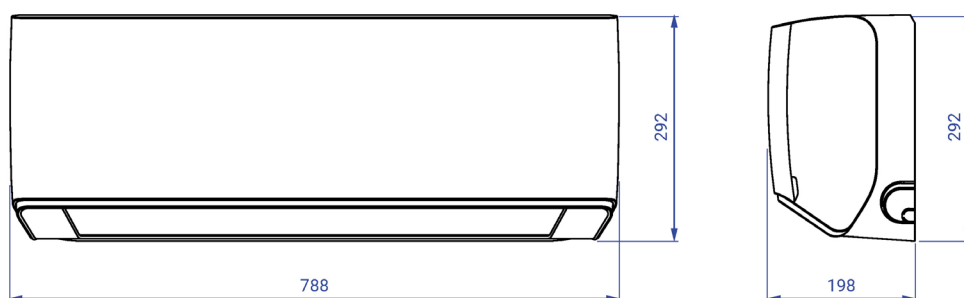
Remarks

- 1.The above designs and specifications are subject to change due to product improvement without prior notice.
- 2.The noise level data reflect the level in anechoic chamber.

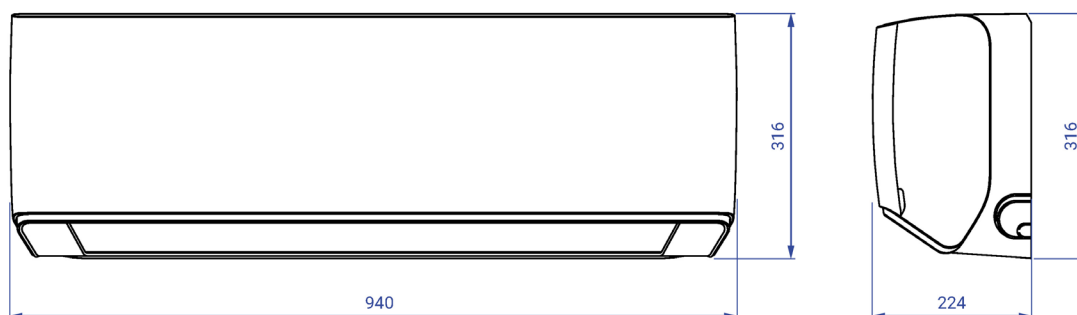
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Série H

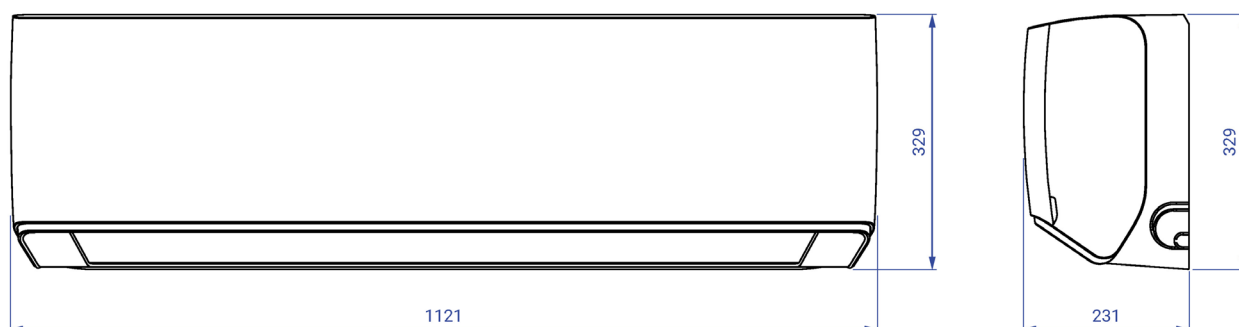
9K, 12K



18K



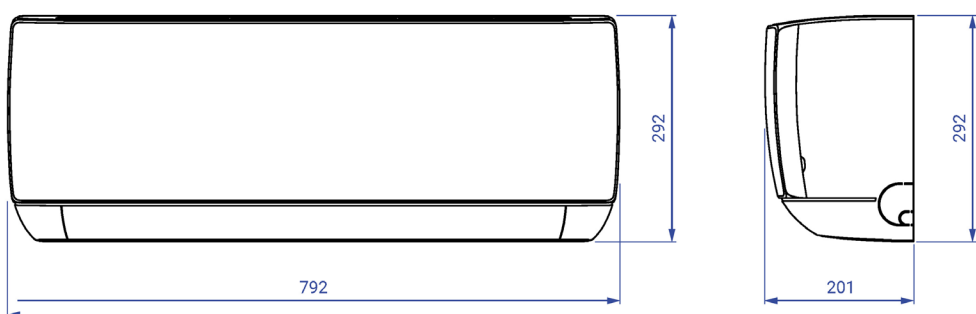
24K



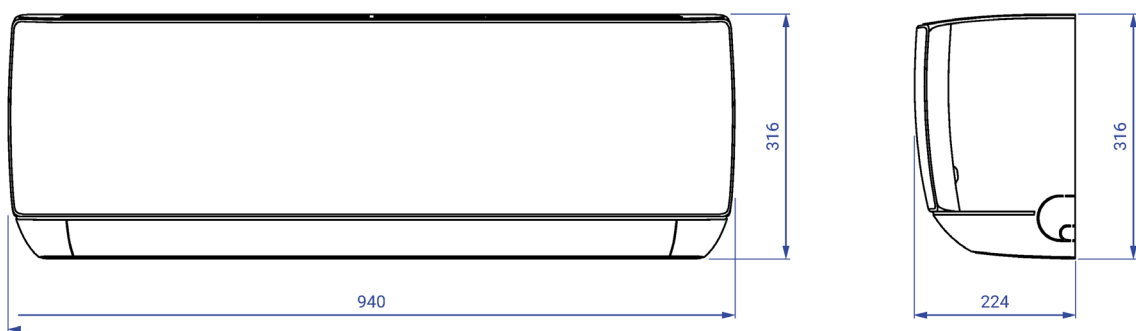
J-Smart

Série J

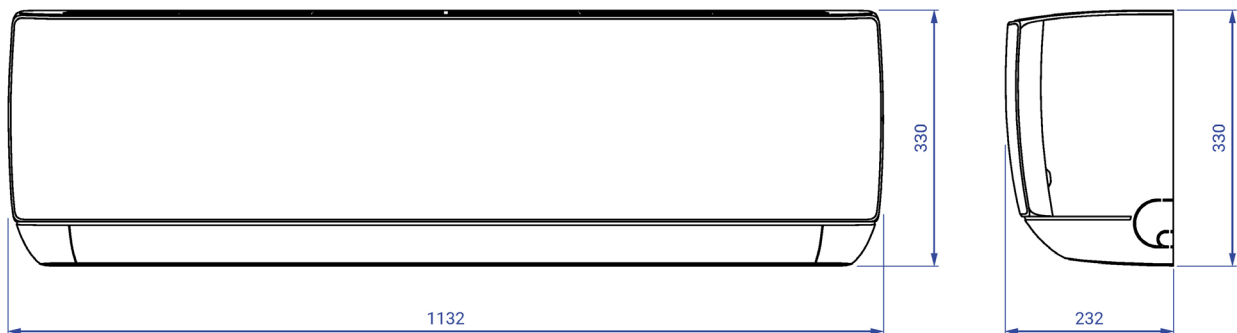
9K, 12K



18K



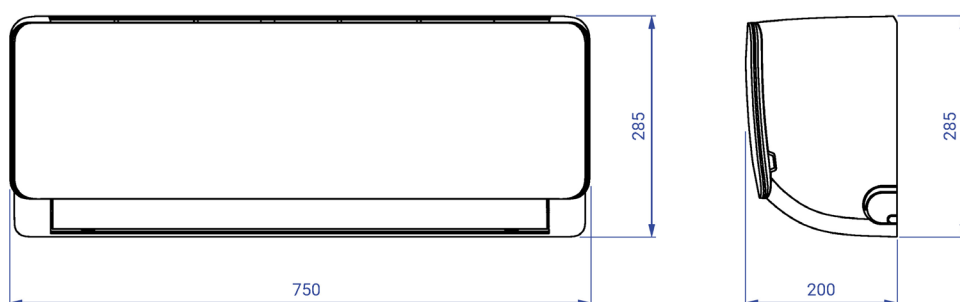
24K



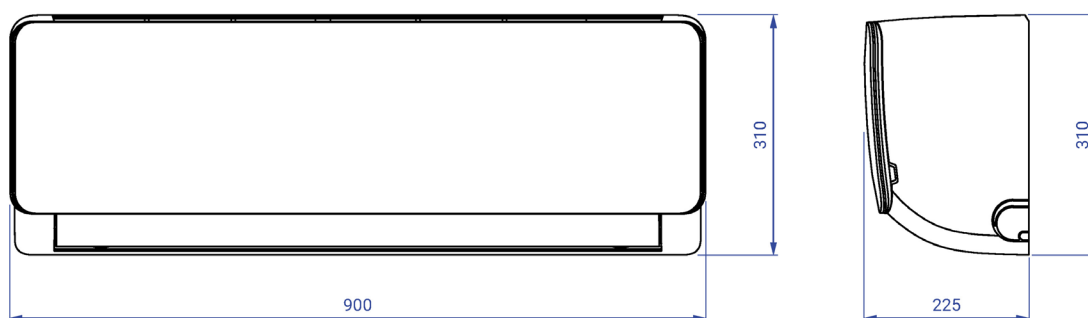
Freedom

Série F

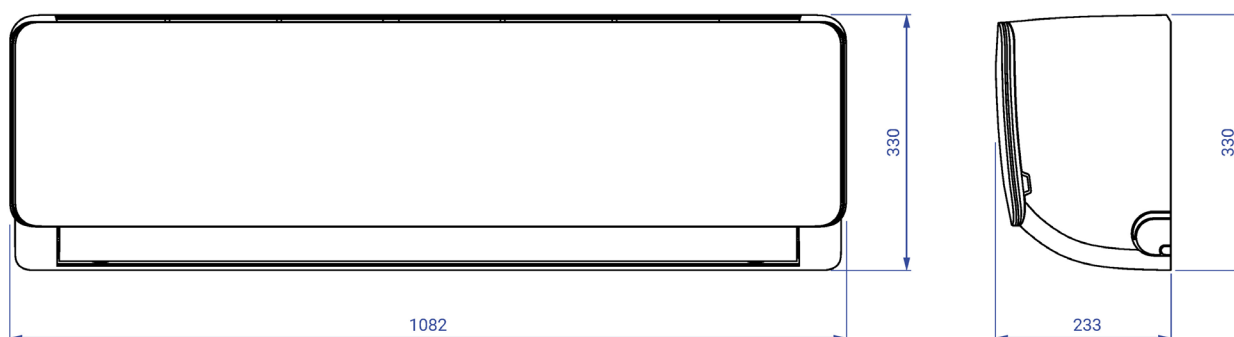
9K, 12K



18K



24K

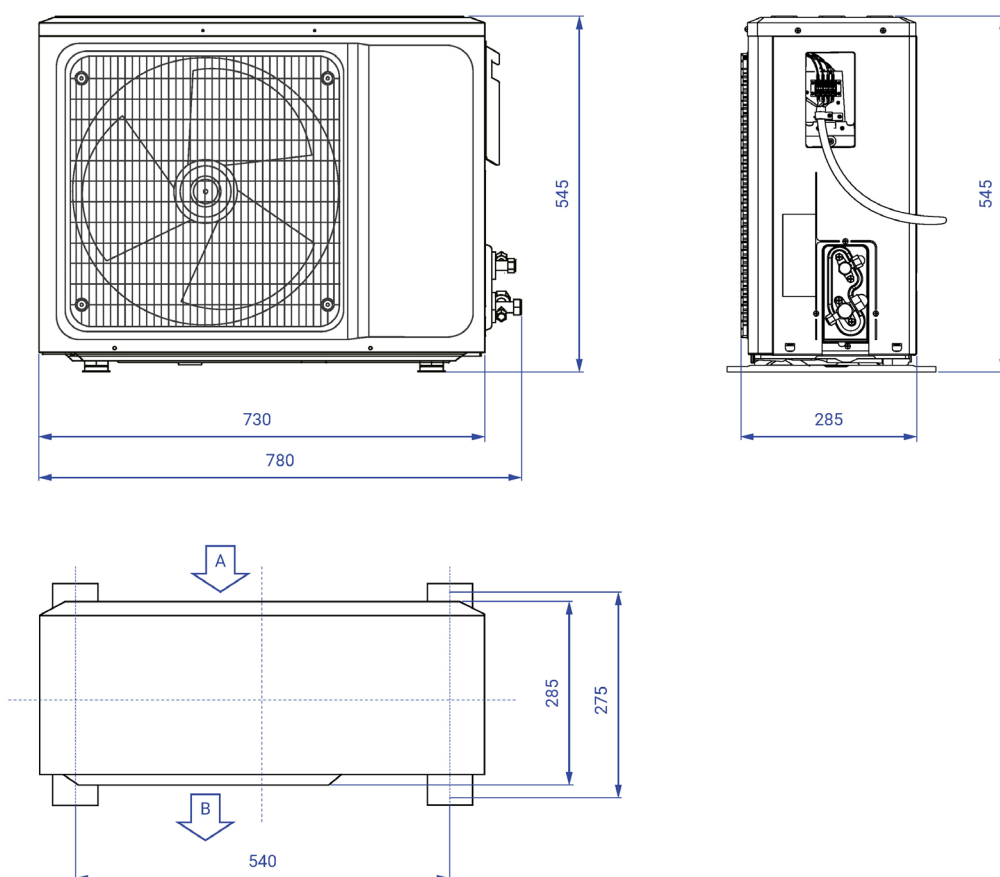




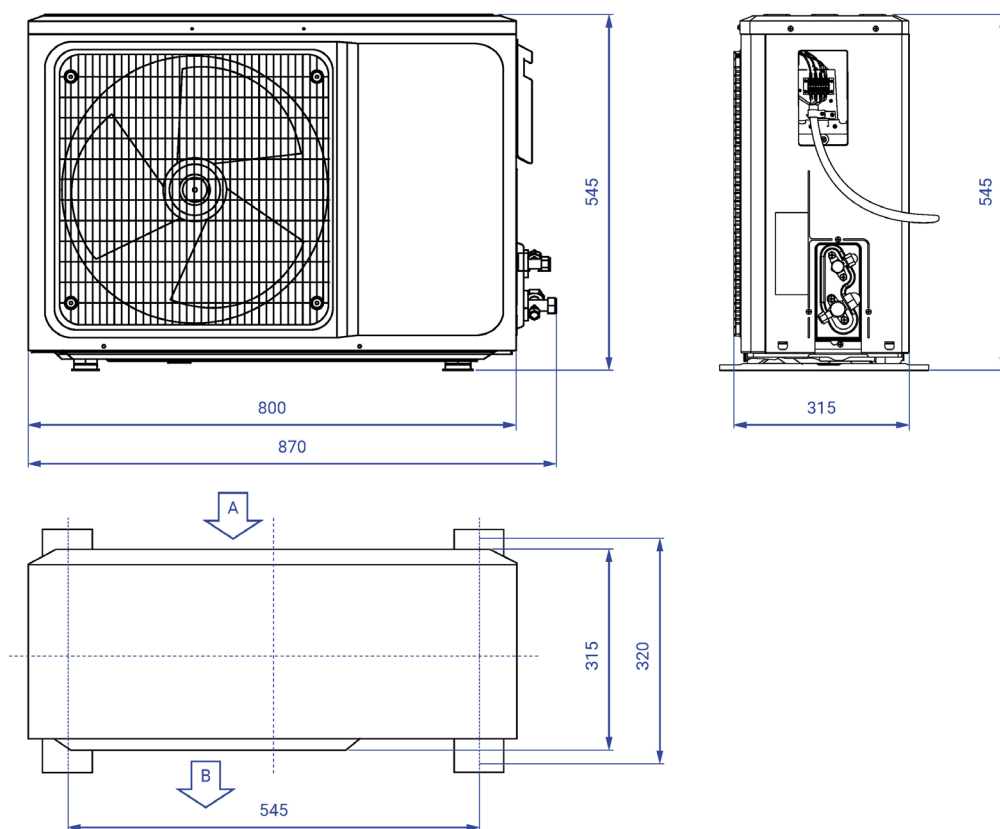
Venkovní jednotky RAC

Série HA, HE, J, JB, F

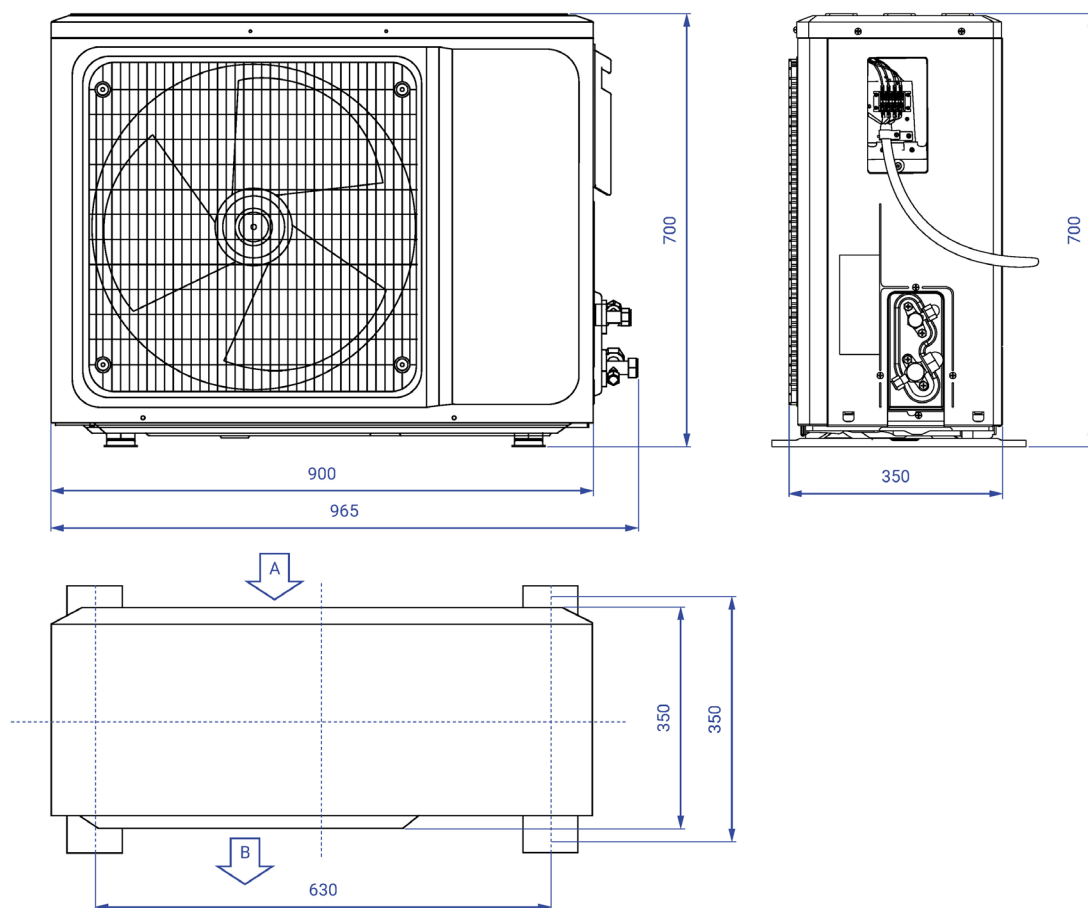
9K, 12K



18K



24K



AUX



2020

LIGHT COMMERCIAL(EU)



GROUP PROFILE

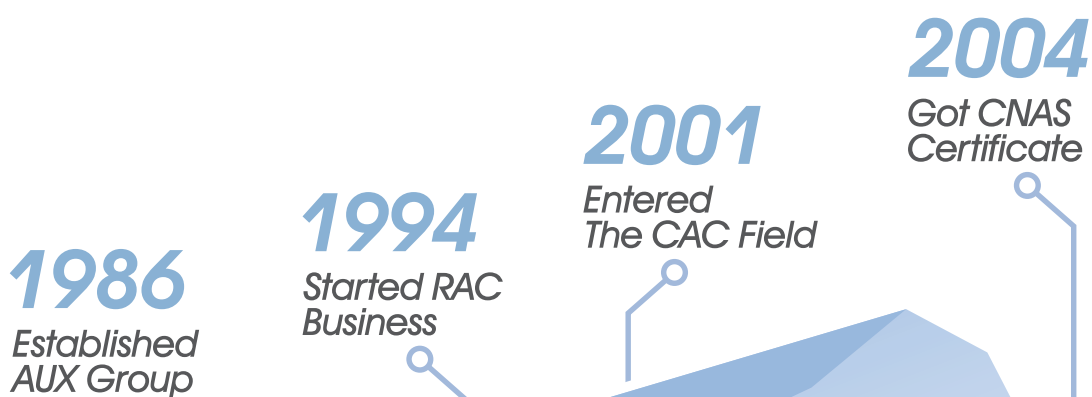
Established in 1986, AUX Group is an enterprise group which covers several industries: home appliances, electrical equipment, medical service, real estate and financial investment. For many years it ranked China's top 500 enterprises.

In 2018, the group sales reached RMB 86 billion, with total assets of RMB 56.6 billion, It has over 30,000 employees, and 10 manufacturing bases in Ningbo(3), Nanchang, Tianjin, Ma'anshan, Zhengzhou(under construction), Brazil, Indonesia and Thailand(under construction), 5 R&D centers. AUX is a leading producer of Smart Meter and Power Box in its sector, and has also ranked No.3 in the Air-Conditioning industry. Currently, it has 19 medical institutions in operation or under construction.

It owns 2 listed companies (601567.SH, 02080.HK). As a National-Recognized Enterprise Technology Center, a Technology Innovation Model Enterprise and a National Post-doctoral Workstation, it owns two globally famous brands: AUX and Sanxing, which worth over RMB 25 billion.

When AUX is working on its development, it also cares about performing its social responsibilities. In the past years, it has donated RMB 279 million in total to various public programs, such as the field of targeted poverty alleviation, education, disaster relief and environment protection.

In the new era, aiming to become a world-class enterprise, AUX will keep carrying out the mission of "Creating an intelligent living environment and Cultivating great talents", and work hard to achieve the strategic goal of "100 billion market value, 100 billion sales and 10 billion profits".



2019

*Launched All DC Inverter
ARV 6 Globally*

2016

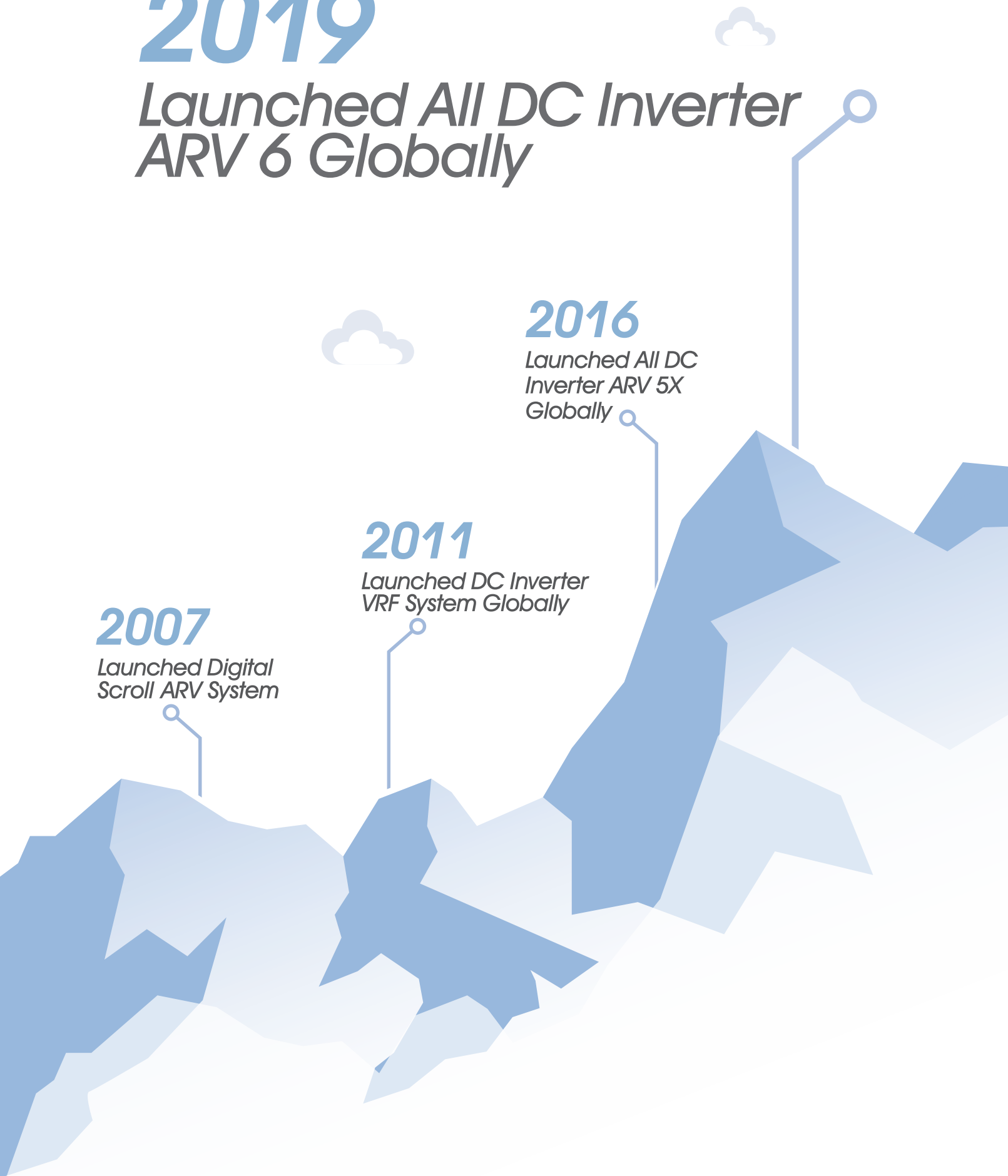
*Launched All DC
Inverter ARV 5X
Globally*

2011

*Launched DC Inverter
VRF System Globally*

2007

*Launched Digital
Scroll ARV System*



Product Lineup

Inverter Series



Series	Appearance	Refrigerant	Type	12kBtu/h	18kBtu/h	24kBtu/h	30kBtu/h	36kBtu/h	42kBtu/h	48kBtu/h	60kBtu/h	Page
Outdoor Units		R32	DC Inverter	●	●	●	●	●	●	●	●	11
		R410A	DC Inverter		●	●		●	●	●	●	12
Compact Cassette		R32	DC Inverter	●	●							15
		R410A	DC Inverter		●							16
Cassette		R32	DC Inverter			●		●	●	●	●	15
		R410A	DC Inverter			●		●	●	●	●	16
Ceiling&Floor		R32	DC Inverter		●	●		●	●	●	●	20
		R410A	DC Inverter		●	●		●	●	●	●	21
Duct		R32	DC Inverter		●	●	●	●	●	●	●	24
		R410A	DC Inverter		●	●		●		●	●	25

Inverter Series-Free match



Series	Appearance	Refrigerant	Type	14kBtu/h	18kBtu/h	21kBtu/h	27kBtu/h	36kBtu/h	42kBtu/h	Page
1 Drive 2		R32	DC Inverter	●	●					30
1 Drive 3		R32	DC Inverter			●	●			30
1 Drive 4		R32	DC Inverter					●		30
1 Drive 5		R32	DC Inverter						●	30
1 Drive 2		R410A	DC Inverter	●	●					31
1 Drive 3		R410A	DC Inverter			●	●			31
1 Drive 4		R410A	DC Inverter					●		31
1 Drive 5		R410A	DC Inverter						●	31

Inverter Series-Free match-Indoor Units



Series	Appearance	Refrigerant	Type	7kBtu/h	9kBtu/h	12kBtu/h	16kBtu/h	18kBtu/h	24kBtu/h	Page
L Type		R32	50Hz	●	●	●		●		32
F Type		R32	50Hz	●	●	●		●	●	32
J Type		R32	50Hz	●	●	●		●	●	33
Compact Cassette		R32	50Hz		●	●		●	●	33
Slim Duct		R32	50Hz	●	●	●		●	●	34
Ceiling&Floor		R32	50Hz		●	●		●		34
Console		R32	50Hz		●	●	●			35



Inverter Series-Free match-Indoor Units

Series	Appearance	Refrigerant	Type	7kBtu/h	9kBtu/h	12kBtu/h	18kBtu/h	Page
J Type		R410A	50Hz	●	●	●	●	35
L Type		R410A	50Hz	●	●	●	●	36
F Type		R410A	50Hz	●	●	●	●	36
Compact Cassette		R410A	50Hz		●	●	●	37
Slim Duct		R410A	50Hz	●	●	●	●	37
Ceiling&Floor		R410A	50Hz		●	●	●	38



On/Off Series

Series	Appearance	Refrigerant	Type	12kBtu/h	18kBtu/h	24kBtu/h	36kBtu/h	48kBtu/h	60kBtu/h	Page
Outdoor Units		R410A	ON/OFF	●	●	●	●	●	●	40
Compact Cassette		R410A	ON/OFF	●	●					42
Cassette		R410A	ON/OFF			●	●	●	●	42
Ceiling&Floor		R410A	ON/OFF		●	●	●	●	●	44
Mid ESP Duct		R410A	ON/OFF	●	●	●	●	●	●	46
High ESP Duct		R410A	ON/OFF					●	●	48

Commercial High ESP Duct/Floor Standing

Series	Appearance	Refrigerant	Type	80kBtu/h	100kBtu/h	Page
Outdoor Units		R410A	ON/OFF	●	●	51
High ESP Duct		R410A	ON/OFF	●	●	51
Floor Standing		R410A	ON/OFF	●	●	54

Compressor Condensing Unit

Series	Appearance	Refrigerant	Type	24kBtu/h	36kBtu/h	48kBtu/h	55kBtu/h	Page
CCU		R410A	ON/OFF	●	●	●	●	51

Health



Fresh Air Intake

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy.



Long-term Filter

The latest long-term filter ensures better air quality. Meanwhile, the cleaning frequency has been decreased, and maintenance is also much easier.



Self-Cleaning

Indoor unit will continue running with special combined mode to blow and dry indoor evaporator after the unit switch off so as to keep clean and healthy.

Comfort



Anti-Cold-Air

When starting the heating operation, the fan speed is regulated automatically from the lowest speed to the preset level. This function can prevent cold air from blowing out at the beginning of the operation, which avoids the discomfort to the user.



Follow Me

Temperature sensor built in the remote control will sense its surrounding temperature, so the unit can achieve accurate and comfortable temperature control just like the air conditioner is following you.



Fast Cooling /Heating

Startup at high frequency increases cooling/heating capacity and reduces time to reach set temperature, thus you can enjoy cooling and heating in seconds.



Auto swing

Distributes cool/warm air to maximum area by moving horizontal and vertical fags automatically.



Independent Dehumidification

With the independent dehumidification function, the unit can efficiently dehumidify the room and give you more comfort.



3D Air Flow

Combine vertical and horizontal auto swing to ensure an even distribution of air flow throughout the room.



Dimmer

Press this button to shut off the display light on the front panel.



Silent

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.

Reliability



Self-diagnosis Function

Once abnormal operation or parts failure happen, the unit will monitor the failures, the microcomputer of air conditioner will switch off and protect the system automatically when it happens. Meanwhile, the error or protection code will be displayed on the indoor unit.



Low Ambient Cooling

With special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15°C.



Intelligent Defrosting

Normal defrost function can only be operated in certain time, but AUX commercial air conditioner's intelligent defrost can start automatically according to the surrounding condition.



Compressor Heating Belt

Auxiliary heating belt can increase compressor oil temperature in winter and prevent defrosting water accumulated, which improves heat transfer efficiency.



No Frosting Chassis

The unique pipeline design makes the temperature on chassis higher than normal units, and it prevents defrosting water accumulated, which improves heat transfer efficiency and solves the drainage problem.



Golden Fin

Effectively prevent bacteria breeding and improve heat transfer efficiency. The unique anti-corrosive golden coating on the condenser can withstand the rain, salty air and other corrosive elements.



Optional Electric Heater

Built-in auxiliary electric heater as option, the heating performance will be more powerful.



Fire-proof Electric Box

Electrical control box adopts new design, which can meet the higher fire safety requirement to prevent the internal fire due to the electric spark accident.

Energy Saving



180° Sine Wave Control

With considerable advantages, DC Inverter 180° sine wave driving technology has much wider range of frequency and voltage, higher energy efficiency, more smooth running and lower noise.



0.5W Standby

Intelligent technology enables AUX products to cut energy consumption from normal 5W to 0.5W per hour when standby, which counts 90% of saving.



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1°C per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort in night.



Hydrophilic aluminum fin

The louvered hydrophilic aluminum foil has improved by more than 10%. There refrigerant inlet and outlet are separated, to ensure the sub-cooling and enhance the cooling capacity.



Full Process By DC Drive

DC control, DC Compressor, DC indoor motor, DC outdoor motor, and DC Electronic expansion valve make low noise and high efficiency.

Convenience



24-hour Timer

Users can turn on or turn off the air conditioner at any time in 24 hours with remote controller or wireless controller.



Built-in Drain Pump

The built-in pump can lift the condensing water 1200 mm upmost from the drainage pan.



Dual side Drainage

Both left and right sides of the indoor unit are possible for drainage hose connection, and it's easy for installation with this function.



Digital Tube Display

Easily for the running parameters checking and more convenient for troubleshooting, digital tube displays work status such as indoor temperature, setting temperature, the mode of operation, etc.



Remote Control

Help users to control the air conditioner easily, you can design your most comfortable settings with this controller.



Wired Control

Help users to control the air conditioner easily, the wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



Central Control

With the control function of weekly timer, zone (or group) setting etc., the centralized controller can control 64 units with RS 485 wire connection and the central control adapter.



WIFI Control

With the WIFI control, you can easily turn off the air conditioner outside your house via smart device. Furthermore, you can turn it on before you come back. The indoor unit filter can be taken off to wash easily and it keeps cleaning air all the time.



Washable Filter

The indoor unit filter can be taken off to wash easily and it keeps cleaning air all the time.

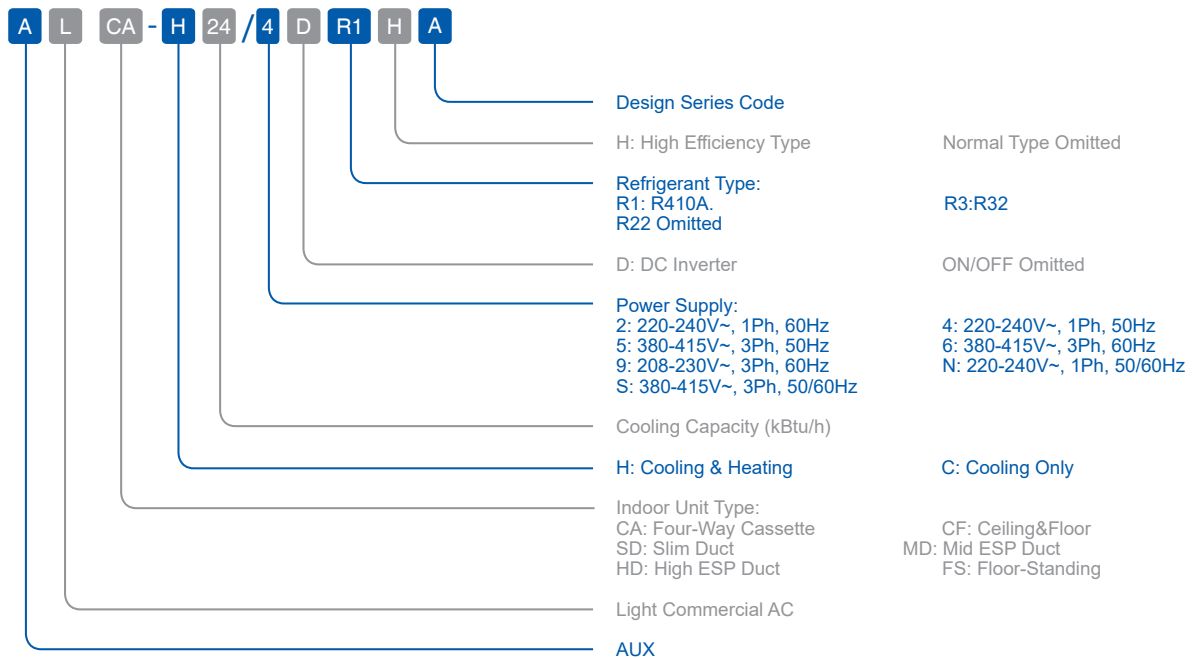


Auto Restart Function

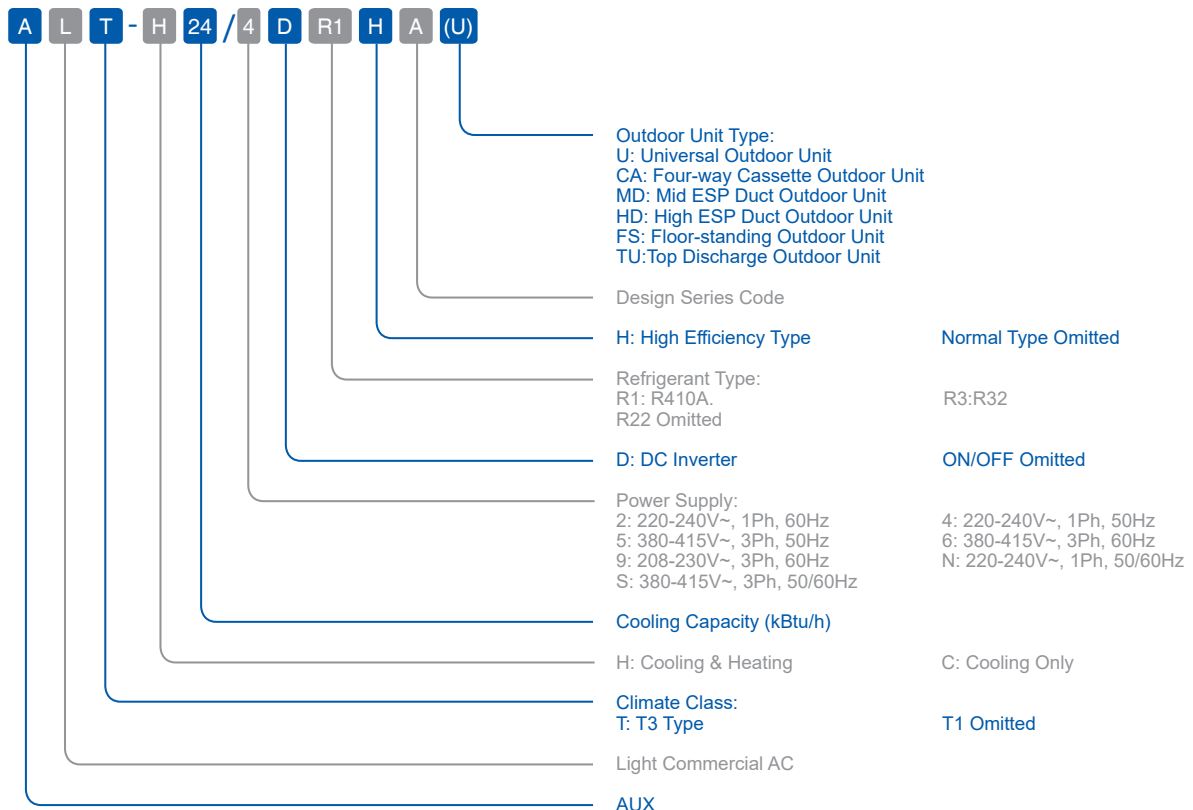
If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.

Nomenclature-Light Commercial

Indoor Unit

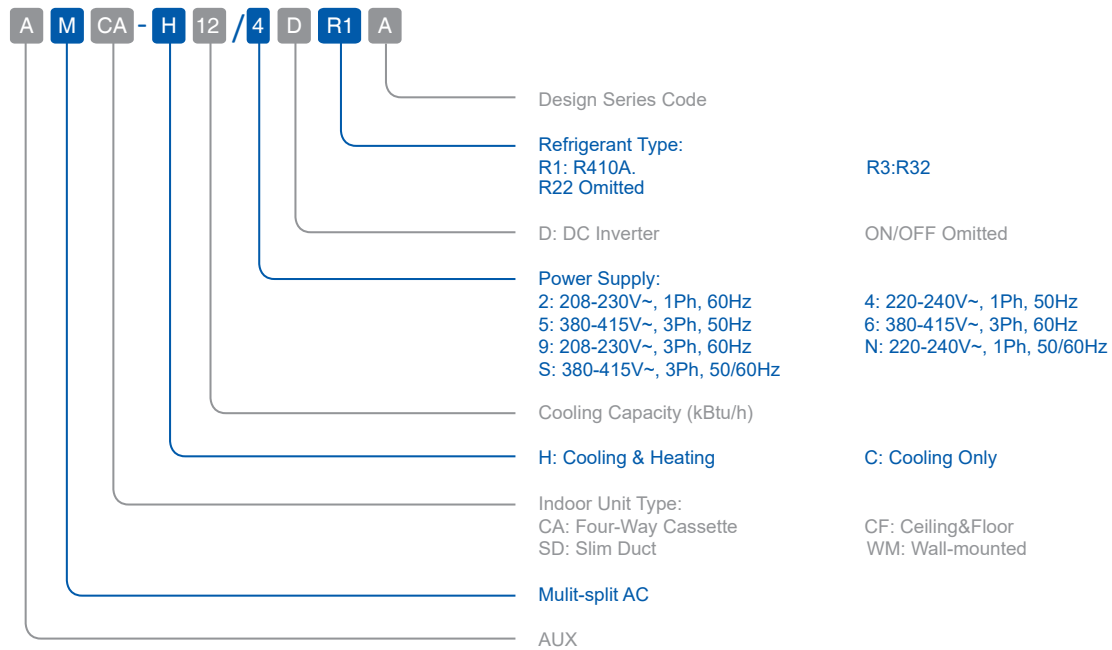


Outdoor Unit

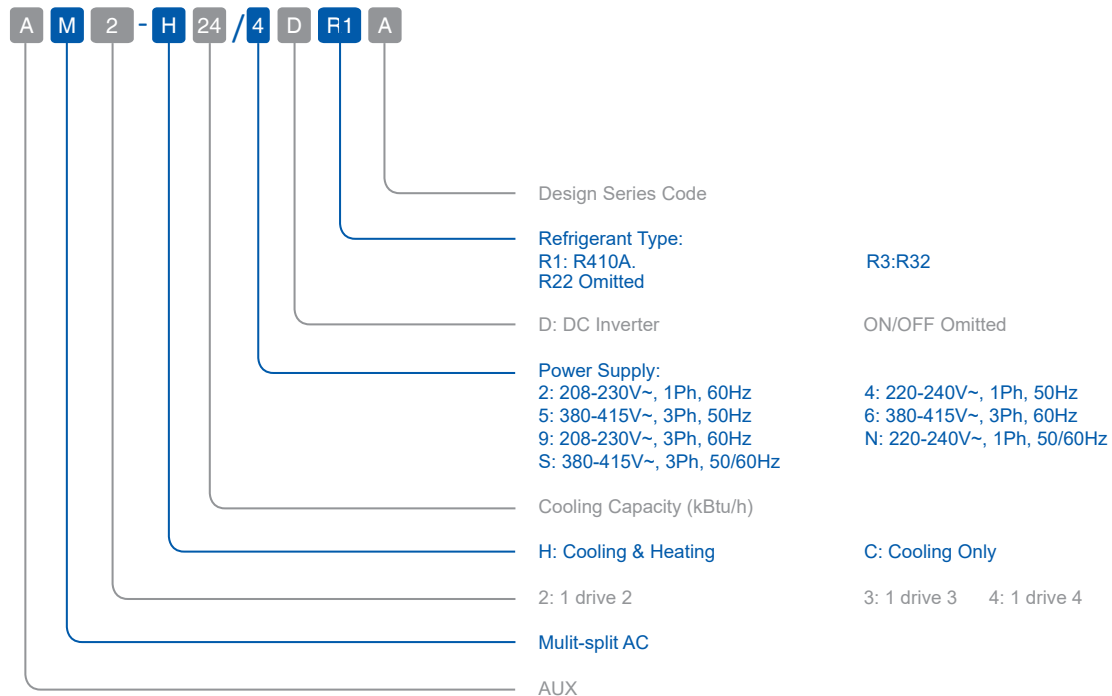


Nomenclature-Free Match

Indoor Unit



Outdoor Unit



Inverter Series

Inverter Series



Outdoor Unit



Environmental-friendly Refrigerant R32

The GWP value of R32 is smaller, so the effect on the greenhouse effect is smaller.
The ODP value of R32 is 0, so it's no harm to our planet's ozone layer.



High Efficiency

Equipped with high efficiency DC Inverter compressor, adjustable fan motor and advanced 180° sine wave vector driver, the system can be higher than 6.1 in SEER and 4.0 in SCOP so as to meet the European and Australian new energy efficiency standards.

SEER:

A++

SCOP:

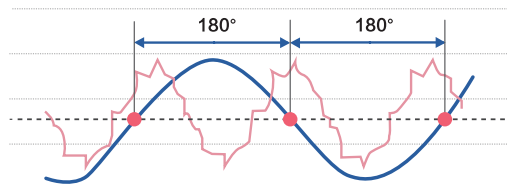
A+

Reliability

Stable cooling under -10°C and heating under -15°C outdoor environment temperature.

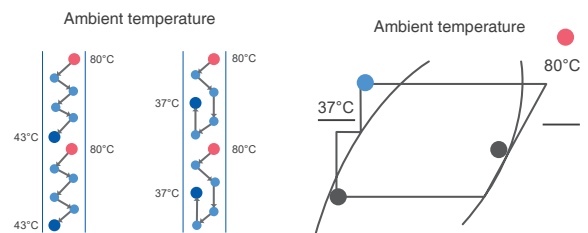
180° Sine Wave Control

DC inverter compressor uses 180° sine wave vector control technique, make compressor motor operate smoothly and efficiency increases significantly.



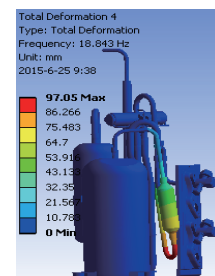
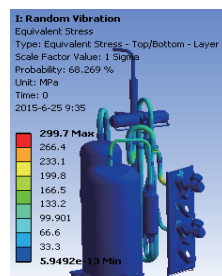
Optimized Pipeline Design

The design ensures the sub-cooling and enhances the cooling capacity by separating the refrigerant inlet and outlet.



Simulation Technology

Via analysing piping stress distribution, piping amplitude and displacement in transportation and operation, the reliability has been improved greatly.



Outdoor Unit



Specification-R32 50Hz DC Inverter



Model	Outdoor		AL-H12/NDR3A(U)	AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H30/NDR3A(U)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Air Flow Volume	m³/h	2600	2600	3750	3800
Performance	Sound Pressure Noise Level	dB(A)	54	55	58	57
	Sound Power Noise Level	dB(A)	64	64	67	68
Dimension (WxDxH)	Net	mm	800×315×545	800×315×545	900×350×700	970×395×805
	Packing	mm	920×400×620	920×400×620	1020×430×770	1105×495×895
Weight	Net/Gross	kg	35/38	37/40	51/55	65/69
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Max. Length	m	25	30	50	50
	Max. Height	m	10	20	25	25
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	87/183/183	44/96/144

Specification-R32 50Hz DC Inverter



Model	Outdoor		AL-H36/NDR3A(U)	AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	380~415,50,3	380~415,50,3
	Air Flow Volume	m³/h	4000	4200	7200	7200
Performance	Sound Pressure Noise Level	dB(A)	57	57	60	60
	Sound Power Noise Level	dB(A)	66	66	70	70
Dimension (WxDxH)	Net	mm	970×395×805	970×395×805	940×370×1325	940×370×1325
	Packing	mm	1105×495×895	1105×495×895	1080×430×1440	1080×430×1440
Weight	Net/Gross	kg	72/76	72/76	92/102	92/102
Piping size	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	19.05(3/4)	19.05(3/4)
	Max. Length	m	65	65	65	65
	Max. Height	m	30	30	30	30
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	44/96/144	44/96/144	27/55/55	27/55/55

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Outdoor Unit



Specification-R410A 50Hz DC Inverter

Model	Outdoor		AL-H18/4DR1HA(U)	AL-H24/4DR1HA(U)	AL-H36/4DR1H(U)	AL-H42/4DR1H(U)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Air Flow Volume	m³/h	2600	3750	6400	6400
Performance	Sound Pressure Noise Level	dB(A)	55	58	58	58
	Sound Power Noise Level	dB(A)	64	66	67	67
Dimension (WxDxH)	Net	mm	800×315×545	900×350×700	940×401×1366	940×401×1366
	Packing	mm	920×400×620	1020×430×770	1080×460×1490	1080×460×1490
Weight	Net/Gross	kg	40/44	53/58	93/103	93/103
	Liquid Side	mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Piping size	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Max. Length	m	30	50	65	65
	Max. Height	m	20	25	30	30
Ambient temperature	Cooling/Heating	°C	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	87/183/183	27/55/55	27/55/55

Specification-R410A 50Hz DC Inverter

Model	Outdoor		AL-H48/5DR1H(U)	AL-H60/5DR1H(U)	AL-H36/4DR1HA(U)
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3	220~240,50,1
	Air Flow Volume	m³/h	6400	6400	4000
Performance	Sound Pressure Noise Level	dB(A)	59	59	58
	Sound Power Noise Level	dB(A)	68	68	67
Dimension (WxDxH)	Net	mm	940×401×1366	940×401×1366	970×395×805
	Packing	mm	1080×460×1490	1080×460×1490	1105×495×895
Weight	Net/Gross	kg	108/116	108/116	72/76
	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
Piping size	Gas Side	mm(inch)	19.05(3/4)	19.05(3/4)	15.88(5/8)
	Max. Length	m	65	65	65
	Max. Height	m	30	30	30
Ambient temperature	Cooling/Heating	°C	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24
Stuffing Quantity	20/40/40H	unit	27/55/55	27/55/55	44/96/144

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Inverter Series

Compact Cassette & Cassette

FEATURES

■ optional ■ standard



Auto Restart Function



Hydrophilic Aluminum Fin



Fast Cooling/Heating



Low Ambient Cooling



Intelligent Defrosting



Remote Control



Washable Filter



Fire-proof Electric Box



Built-in Drain Pump



Digital Tube Display



Wired Control



Central Control



Golden Fin



WIFI Control

Inverter Series

Compact Cassette & Cassette



Standard

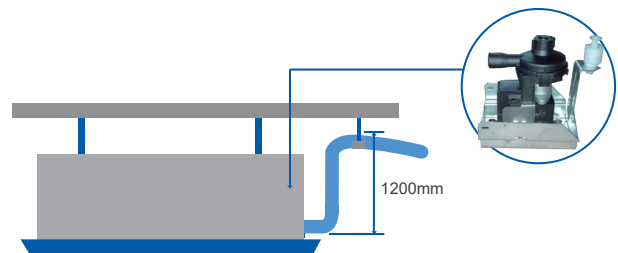


Optional



Built-In Drain Pump

The built-in drain pump can lift condensing water up to 1200mm high from the drainage pan.



Optional Indoor Units (Round Flow/Four-way Cassette)



Four-way Cassette



Round Flow Cassette

Fresh Air Intake

Fresh air makes indoor air healthy and comfortable.



Cassette



Specification-R32 50Hz DC Inverter



Model	Indoor		ALCA-H12/NDR3HAA	ALCA-H18/NDR3HAA	ALCA-H24/NDR3HAA	ALCA-H36/NDR3HAA
	Outdoor		AL-H12/NDR3A(U)	AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H36/NDR3A(U)
Capacity	Cooling/Heating	Btu/h	12000(4600~15000)/14300(4200~18100)	18000(5200~19100)/19100(4800~21200)	24000(7400~28000)/27300(6800~31700)	36000(9800~44300)/38000(8800~46000)
		kW	3.60(1.35~4.40)/4.20(1.24~5.30)	5.00(1.53~5.60)/5.60(1.40~6.20)	7.00(2.16~8.20)/8.00(1.98~9.30)	10.55(2.9~13.5)/11.15(2.6~13.5)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
		SEER/SCOP	6.2/4.1	6.3/4.0	6.5/4.2	6.1/4.0
Performance	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+	A++/A
	Air Flow Volume		700/600/530	700/600/530	1300/1050/950	1800/1550/1350
	Sound Pressure Noise Level		45/44/36	45/44/36	47/43/38	51/48/45
	Sound Power Noise Level		56	56	57	62
Dimension (WxDxH)	Net(Body)		570×570×260	570×570×260	835×835×250	835×835×290
	Packing(Body)		655×655×295	655×655×295	910×910×310	910×910×350
	Net(Panel)		650×650×55	650×650×55	950×950×55	950×950×55
	Packing(Panel)		710×710×80	710×710×80	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)		17/20	17/20	24/27.5	26.5/30.5
	Net/Gross(Panel)		2.2/3.7	2.2/3.7	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	15-32	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	66/139/165	66/139/165	36/76/86	27/62/66

Specification-R32 50Hz DC Inverter



Model	Indoor		ALCA-H42/NDR3HAA	ALCA-H48/SDR3HAA	ALCA-H60/SDR3HAA
	Outdoor		AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Capacity	Cooling/Heating	Btu/h	42000(9800~46000)/46000(8800~51100)	48000(16241~56298)/55000(16309~55104)	55000(16241~59710)/58000(16308~63122)
		kW	12.1(2.9~13.5)/13.5(2.6~15)	14.00(4.76~16.5)/16.00(4.78~16.15)	16.00(4.76~17.5)/17.00(4.78~18.50)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3
		SEER/SCOP	6.1/4.0	6.1/4.0	6.1/4.0
Performance	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume		1800/1550/1350	1950/1750/1500	1950/1750/1500
	Sound Pressure Noise Level		51/48/45	52/50/48	52/50/48
	Sound Power Noise Level		62	65	65
Dimension (WxDxH)	Net(Body)		835×835×290	835×835×290	835×835×290
	Packing(Body)		910×910×350	910×910×350	910×910×350
	Net(Panel)		950×950×55	950×950×55	950×950×55
	Packing(Panel)		1000×1000×100	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)		26.5/30.5	31/35	31/35
	Net/Gross(Panel)		5.3/7.8	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	64-107	64-107	64-107
Stuffing Quantity	20/40/40H	set	27/62/66	22/50/54	22/50/54

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Cassette



Specification-R410A 50Hz DC Inverter

Model	Indoor		ALCA-H18/4DR1HBA	ALCA-H24/4DR1HAA	ALCA-H36/4DR1HA
	Outdoor		AL-H18/4DR1HA(U)	AL-H24/4DR1HA(U)	AL-H36/4DR1H(U)
Capacity	Cooling/Heating	Btu/h	18000(5220~19100)/19100(4800~21200)	24000(7400~28000)/27300(6800~31800)	36000(9900~41000)/42650(8900~41000)
		kW	5.00(1.53~5.60)/5.60(1.40~6.20)	7.00(2.16~8.20)/8.00(1.98~9.30)	10.5(2.9~12.0)/12.5(2.6~13.2)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/HeatingPower Input	kW	1.62(0.47~2.30)/1.47(0.46~2.25)	2.18(0.67~3.56)/1.91(0.65~3.62)	3.28(0.71~4.71)/3.64(0.47~4.13)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	700/600/530	1300/1050/950	1800/1550/1350
	Sound Pressure Noise Level	dB(A)	45/44/36	47/43/38	51/48/45
	Sound Power Noise Level	dB(A)	56	57	62
Dimension (WxDxH)	Net(Body)	mm	570×570×260	835×835×250	835×835×290
	Packing(Body)	mm	655×655×295	910×910×310	910×910×350
	Net(Panel)	mm	650×650×55	950×950×55	950×950×55
	Packing(Panel)	mm	710×710×80	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)	kg	17/20	24/27.5	26.5/30.5
	Net/Gross(Panel)	kg	2.2/3.7	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	66/139/165	36/76/86	20/50/55

Specification-R410A 50Hz DC Inverter

Model	Indoor		ALCA-H42/4DR1HA	ALCA-H48/5DR1HA	ALCA-H60/5DR1HA	ALCA-H36/4DR1HBA
	Outdoor		AL-H42/4DR1H(U)	AL-H48/5DR1H(U)	AL-H60/5DR1H(U)	AL-H36/4DR1HA(U)
Capacity	Cooling/Heating	Btu/h	42000(10900~45000)/46000(10200~50150)	48000(14000~54600)/55000(15700~59700)	55000(16400~59000)/60000(16700~63100)	36000(11942~44300)/38000(8530~46000)
		kW	12.1(3.2~13.2)/13.5(3.0~14.7)	14.00(4.10~16.00)/16.00(4.60~17.50)	16.00(4.80~17.30)/17.00(4.90~18.50)	10.55(2.9~13.2)/11.15(2.6~13.5)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3	220~240,50,1
	Cooling/HeatingPower Input	kW	4.28(0.8~5.39)/4.10(0.58~4.90)	4.95(1.21~6.48)/4.57(0.92~5.66)	5.71(1.38~6.85)/4.96(0.98~6.00)	3.28(0.71~4.71)/3.64(0.47~4.13)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	1800/1550/1350	1950/1750/1500	1950/1750/1500	1800/1550/1350
	Sound Pressure Noise Level	dB(A)	51/48/45	53/48/42	53/48/42	51/48/45
	Sound Power Noise Level	dB(A)	62	63	63	62
Dimension (WxDxH)	Net(Body)	mm	835×835×290	835×835×290	835×835×290	835×835×290
	Packing(Body)	mm	910×910×350	910×910×350	910×910×350	910×910×350
	Net(Panel)	mm	950×950×55	950×950×55	950×950×55	950×950×55
	Packing(Panel)	mm	1000×1000×100	1000×1000×100	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)	kg	26.5/30.5	26.5/30.5	26.5/30.5	26.5/30.5
	Net/Gross(Panel)	kg	5.3/7.8	5.3/7.8	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	64-107	64-107	64-107	56-93
Stuffing Quantity	20/40/40H	set	20/50/55	20/50/55	22/50/55	28/63/72

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Cassette



Specification-R32 50Hz DC Inverter **New**



Model	Indoor		ALCA-H12/NDR3HYB	ALCA-H18/NDR3HYB	ALCA-H24/NDR3HYB	ALCA-H36/NDR3HYB
	Outdoor		AL-H12/NDR3A(U)	AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H36/NDR3A(U)
Capacity	Cooling/Heating	Btu/h	12000(4600~15000)/14300(4200~18100)	18000(5200~19100)/19100(4800~21200)	24000(7400~28000)/27300(6800~31700)	36000(9800~44300)/38000(8800~46000)
		kW	3.60(1.35~4.40)/4.20(1.24~5.30)	5.00(1.53~5.60)/5.60(1.40~6.20)	7.00(2.16~8.20)/8.00(1.98~9.30)	10.55(2.9~13)/11.15(2.6~13.5)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
		SEER/SCOP	6.2/4.1	6.3/4.0	6.5/4.2	6.1/4.0
Performance	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+	A++/A+
	Air Flow Volume		700/600/530	700/600/530	1500/1350/1200	1950/1700/1600
	Sound Pressure Noise Level		45/44/36	45/44/36	49/47/44	52/50/48
	Sound Power Noise Level		56	56	59	59
Dimension (WxDxH)	Net(Body)		570×570×260	570×570×260	840×840×246	840×840×288
	Packing(Body)		655×655×295	655×655×295	910×910×310	910×910×350
	Net(Panel)		650×650×55	650×650×55	950×950×55	950×950×55
	Packing(Panel)		710×710×80	710×710×80	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)		17/20	17/20	26/30	28/33
	Net/Gross(Panel)		2.2/3.7	2.2/3.7	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	15-32	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	66/139/165	66/139/165	36/76/86	27/62/66

Specification-R32 50Hz DC Inverter **New**



Model	Indoor		ALCA-H42/NDR3HYB	ALCA-H48/SDR3HYB	ALCA-H60/SDR3HYB
	Outdoor		AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Capacity	Cooling/Heating	Btu/h	42000(9800~46000)/46000(8800~51100)	48000(16241~56298)/55000(16309~55104)	55000(16241~59710)/58000(16308~63122)
		kW	12.1(2.9~13.5)/13.5(2.6~15)	14.00(4.76~16.5)/16.00(4.78~16.15)	16.00(4.76~17.5)/17.00(4.78~18.50)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3
		SEER/SCOP	6.1/4.0	6.1/4.0	6.1/4.0
Performance	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume		2000/1700/1600	2000/1700/1600	2000/1700/1600
	Sound Pressure Noise Level		54/52/48	54/52/48	54/52/48
	Sound Power Noise Level		67	67	67
Dimension (WxDxH)	Net(Body)		840×840×288	840×840×288	840×840×288
	Packing(Body)		910×910×350	910×910×350	910×910×350
	Net(Panel)		950×950×55	950×950×55	950×950×55
	Packing(Panel)		1000×1000×100	1000×1000×100	1000×1000×100
Weight	Net/Gross(Body)		30/35	30/35	30/35
	Net/Gross(Panel)		5.3/7.8	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	64-107	64-107	64-107
Stuffing Quantity	20/40/40H	set	27/62/66	22/50/54	22/50/54

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Inverter Series Ceiling&Floor

Inverter Series

FEATURES

■ optional ■ standard



Auto Restart Function



Hydrophilic Aluminum Fin



Fast Cooling/Heating



Low Ambient Cooling



Intelligent Defrosting



Remote Control



3D Air Flow



Long-term Filter



Wired Control



Central Control



Golden Fin



WIFI Control

Ceiling&Floor



Standard

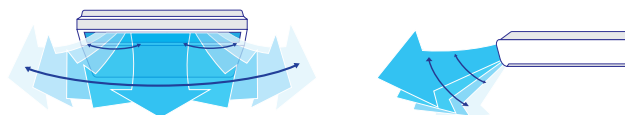


Optional



3D Air Swing

Vertical and horizontal swing makes air below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space.



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



Ceiling&Floor



Specification-R32 50Hz DC Inverter



Model	Indoor		ALCF-H18/NDR3HA	ALCF-H24/NDR3HA	ALCF-H36/NDR3HA
	Outdoor		AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H36/NDR3A(U)
Capacity	Cooling/Heating	Btu/h	18000(5200~19100)/19100(4800~21200)	24000(7400~28000)/27300(6800~31700)	36000(9800~44300)/38000(8800~46000)
		kW	5.00(1.53~5.60)/5.60(1.40~6.20)	7.00(2.16~8.20)/8.00(1.98~9.30)	10.55(2.9~13)/11.15(2.6~13.5)
Performance	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	SEER/SCOP	W/W	6.1/4.1	6.3/4.1	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	900/730/650	1300/1052/920	1800/1550/1350
	Sound Pressure Noise Level	dB(A)	45/40/34	47/43/38	53/50/47
Dimension (W×D×H)	Net	mm	929×660×205	1280×660×205	1631×660×205
	Packing	mm	1010×720×290	1360×720×290	1710×720×290
Weight	Net/Gross	kg	25/28	32/38	44/50
Piping size	Drainage	mm/(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	57/123/149	48/92/102	32/70/81

Specification-R32 50Hz DC Inverter



Model	Indoor		ALCF-H42/NDR3HA	ALCF-H48/SDR3HA	ALCF-H60/SDR3HA
	Outdoor		AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Capacity	Cooling/Heating	Btu/h	42000(9800~46000)/46000(8800~51100)	48000(16241~56298)/55000(16309~55104)	55000(16241~59710)/58000(16308~63122)
		kW	12.1(2.9~13.5)/13.5(2.6~15)	14.00(4.76~16.50)/16.00(4.78~16.15)	16.00(4.76~17.5)/17.00(4.78~18.50)
Performance	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3
	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	1800/1550/1350	1900/1600/1400	1900/1600/1400
	Sound Pressure Noise Level	dB(A)	53/50/47	53/51/49	53/51/49
Dimension (W×D×H)	Net	mm	1631×660×205	1631×660×205	1631×660×205
	Packing	mm	1710×720×290	1710×720×290	1710×720×290
Weight	Net/Gross	kg	44/50	44/50	44/50
Piping size	Drainage	mm/(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	64-107	64-107	64-107
Stuffing Quantity	20/40/40H	set	32/70/81	24/54/54	24/54/54

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Ceiling&Floor



Specification-R410A 50Hz DC Inverter

Model	Indoor		ALCF-H18/4DR1HA	ALCF-H24/4DR1HA	ALCF-H36/4DR1H
	Outdoor		AL-H18/4DR1HA(U)	AL-H24/4DR1HA(U)	AL-H36/4DR1H(U)
Capacity	Cooling/Heating	Btu/h	18000(5220~19100)/19100(4800~21200)	24000(7400~28000)/27300(6800~31800)	36000(9900~40900)/42650(8900~45000)
		kW	5.00(1.53~5.60)/5.60(1.40~6.20)	7.00(2.16~8.20)/8.00(1.98~9.30)	10.5(2.9~12.0)/12.5(2.6~13.2)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1.62(0.47~2.30)/1.47(0.46~2.25)	2.25(0.67~3.56)/1.91(0.65~3.62)	3.37(0.71~4.71)/3.68(0.47~4.13)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	900/730/650	1300/1052/920	1800/1550/1350
	Sound Pressure Noise Level	dB(A)	45/42/37	47/45/43	53/50/47
	Sound Power Noise Level	dB(A)	55	57	63
Dimension (W×D×H)	Net	mm	929×660×205	1280×660×205	1631×660×205
	Packing	mm	1010×720×290	1360×720×290	1710×720×290
Weight	Net/Gross	kg	25/28	32/38	44/50
Piping size	Drainage	mm/(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	57/123/149	48/92/102	22/55/55

Specification-R410A 50Hz DC Inverter

Model	Indoor		ALCF-H42/4DR1H	ALCF-H48/5DR1H	ALCF-H60/5DR1H	ALCF-H36/4DR1HA
	Outdoor		AL-H42/4DR1H(U)	AL-H48/5DR1H(U)	AL-H60/5DR1H(U)	AL-H36/4DR1HA(U)
Capacity	Cooling/Heating	Btu/h	41285(10900~45000)/46062(10200~50150)	48000(14000~54600)/55000(15700~59700)	55000(16400~59000)/60000(16700~63100)	36000(9000~41000)/38000(10000~45000)
		kW	12.1(3.2~13.2)/13.5(3.0~14.7)	14.00(4.10~16.00)/16.00(4.60~17.50)	16.00(4.80~17.30)/17.00(4.90~18.50)	10.5(2.64~12.02)/11.14(2.93~13.19)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3	220~240,50,1
	Cooling/Heating Power Input	W	4.28(0.8~5.39)/4.02(0.58~4.90)	4.95(1.21~6.48)/4.57(0.92~5.66)	5.8(1.38~6.85)/4.96(0.98~6.00)	3.37(0.71~4.71)/3.68(0.47~4.13)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	1800/1550/1350	1900/1600/1400	1900/1600/1400	1800/1550/1350
	Sound Pressure Noise Level	dB(A)	53/50/47	54/50/46	54/50/46	53/50/47
	Sound Power Noise Level	dB(A)	63	64	64	63
Dimension (W×D×H)	Net	mm	1631×660×205	1631×660×205	1631×660×205	1630×660×205
	Packing	mm	1710×720×290	1710×720×290	1710×720×290	1710×720×290
Weight	Net/Gross	kg	44/50	44/50	44/50	44/50
Piping size	Drainage	mm/(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m ²	64-107	64-107	64-107	56-93
Stuffing Quantity	20/40/40H	set	22/55/55	22/55/55	22/55/55	32/70/81

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Inverter Series Duct

FEATURES

■ optional ■ standard



Auto Restart
Function



Hydrophilic
Aluminum Fin



Fast Cooling/
Heating



Low Ambient
Cooling



Intelligent
Defrosting



Long-term Filter



Wired Control



Remote Control



Central Control



Golden Fin



WIFI Control

Duct



Standard

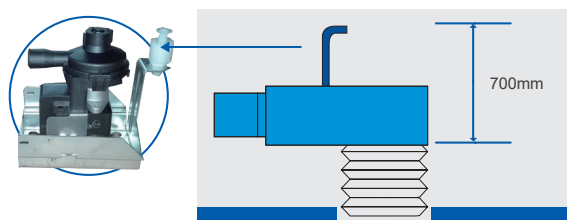


Optional



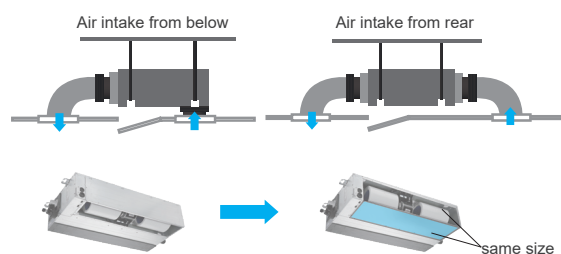
Built-In Drain Pump (Optional)

The built-in drain pump can lift condensing water up to 700mm high from the drainage pan.



Flexible Installation

Air intake from rear as standard, from bottom is optional. The size of the plate from bottom is the same as the flange from back, which makes it convenient to change installation style due to different decoration requirements.



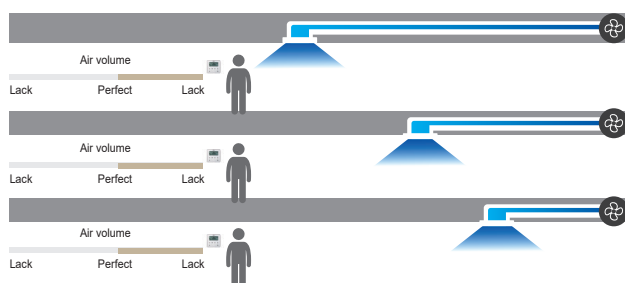
High Static-Pressure

Adjustable static pressure from 0 Pa to maximum 160Pa.

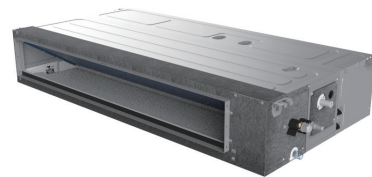


Self-adaption technology

Automatic ESP Adjustment function will adapt the unit to any ducting with optimized air volume and minimized noise level automatically, making more comfortable in any situation.



Duct



Specification-R32 50Hz DC Inverter



Model	Indoor		ALMD-H18/NDR3HA	ALMD-H24/NDR3HA	ALMD-H30/NDR3HA	ALMD-H36/NDR3HA
	Outdoor		AL-H18/NDR3A(U)	AL-H24/NDR3A(U)	AL-H30/NDR3A(U)	AL-H36/NDR3A(U)
Capacity	Cooling/Heating	Btu/h	18000(5200-19100)/19100(4800-21200)	24000(7400-28000)/27300(6800-31700)	28660(8490-31390)/30700(9760-32760)	36000(9800-44300)/38000(8800-46000)
		kW	5.00(1.53-5.60)/5.60(1.40-6.20)	7.00(2.16-8.20)/8.00(1.98-9.30)	8.4(2.49-9.20)/9.0(2.86-9.60)	10.55(2.9-13)/11.15(2.6-13.5)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
		W/W	6.2/4.0	6.1/4.0	6.1/4.1	6.1/4.0
Performance	SEER/SCOP		A++/A+	A++/A+	A++/A+	A++/A+
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+	A++/A+
	Air Flow Volume		m ³ /h	1150/960/840	1400/1190/980	1600/1400/1100
	Sound Pressure Noise Level		dB(A)	43/41/40	44/41/39	46/44/41
	Sound Power Noise Level		dB(A)	53	55	57
Dimension (WxDxH)	ESP		Pa	0-160	0-160	0-160
	Net		mm	1000×700×245	1000×700×245	1400×700×245
Weight	Packing		mm	1230×830×300	1230×830×300	1630×830×300
	Net/Gross		kg	31/37	32/38	42/48
Piping size	Drainage		mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area			m ²	21-35	28-47	32-80
Stuffing Quantity	20/40/40H		set	46/97/112	42/89/99	32/64/83

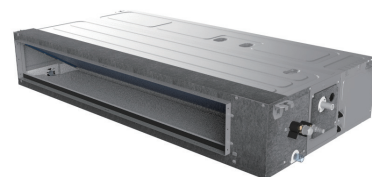
Specification-R32 50Hz DC Inverter



Model	Indoor		ALMD-H42/NDR3HA	ALMD-H48/SDR3HA	ALMD-H60/SDR3HA
	Outdoor		AL-H42/NDR3A(U)	AL-H48/SDR3A(U)	AL-H60/SDR3A(U)
Capacity	Cooling/Heating	Btu/h	42000(9800-46000)/46000(8800-51100)	48000(16241~56298)/55000(16309~55104)	55000(16241-59710)/58000(16308-63122)
		kW	12.1(2.9-13.5)/13.5(2.6-15)	14.0(4.76~16.50)/16.00(4.78~16.15)	16.00(4.76-17.50)/17.00(4.78-18.50)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3	380~415,50,3
		W/W	6.1/4.1	6.1/4.0	6.1/4.0
Performance	SEER/SCOP		A++/A+	A++/A+	A++/A+
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume		m ³ /h	1900/1600/1400	2300/2000/1700
	Sound Pressure Noise Level		dB(A)	44/41/39	52/49/47
	Sound Power Noise Level		dB(A)	55	64
Dimension (WxDxH)	ESP		Pa	0-160	0-160
	Net		mm	1400×700×245	1400×700×245
Weight	Packing		mm	1630×830×300	1630×830×300
	Net/Gross		kg	42/48	42/48
Piping size	Drainage		mm(inch)	DN20(R3/4)	DN20(R3/4)
Applicable Area			m ²	56-93	64-107
Stuffing Quantity	20/40/40H		set	27/56/69	22/49/52

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Duct



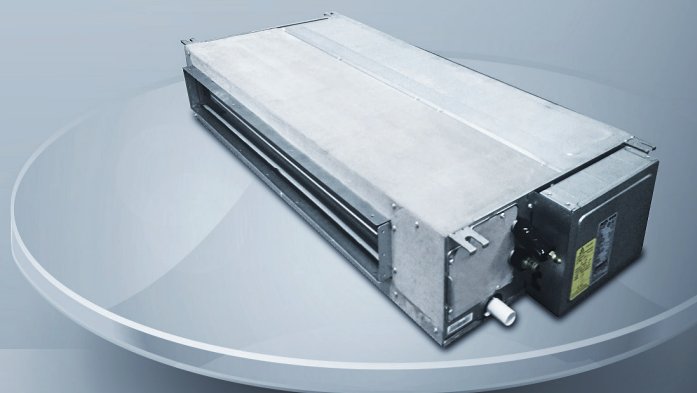
Specification-R410A 50Hz DC Inverter

Model	Indoor		ALMD-H18/4DR1C	ALMD-H24/4DR1C	ALMD-H36/4DR1HA
	Outdoor		AL-H18/4DR1C	AL-H24/4DR1HC	AL-H36/4DR1HA(U)
Capacity	Cooling/Heating	Btu/h	18000(5220-19107)/19100(4777-21154)	24000(7370-27978)/27000(6756-31732)	36000(11942-44300)/38000(8630-46000)
		kW	5.0(1.53-5.6)/5.6(1.4-6.2)	7.0(2.16-8.2)/8.0(1.98-9.3)	10.55(3.5-13)/11.15(2.5-13.5)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	kW	1.62(0.47~2.30)/1.47(0.46~2.25)	2.25(0.67~3.56)/1.91(0.65~3.62)	3.5(0.65~4.61)/3.6(0.52~4.76)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m³/h	1000/800/680	1300/1090/880	1900/1600/1400
	Sound Pressure Noise Level	dB(A)	43/41/40	44/41/39	44/41/39
	Sound Power Noise Level	dB(A)	53	55	55
	ESP	Pa	0-160	0-160	0-160
Dimension (WxDxH)	Net	mm	1000x700x245	1000x700x245	1400x700x245
	Packing	mm	1230x830x300	1230x830x300	1630x830x300
Weight	Net/Gross	kg	31/37	32/38	42/48
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m²	21-35	28-47	56-93
Stuffing Quantity	20/40/40H	set	46/97/112	42/89/99	27/56/69

Specification-R410A 50Hz DC Inverter

Model	Indoor		ALMD-H48/5DR1C	ALMD-H60/5DR1C
	Outdoor		AL-H48/5DR1C	AL-H60/5DR1C
Capacity	Cooling/Heating	Btu/h	48000(14330-51589)/52000(15695-59710)	55000(7370-27978)/63500(6756-31732)
		kW	14.06(4.2-15.12)/15.24(4.6-17.50)	16.12(4.8-17.30)/18.61(4.9-19.80)
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3
	Cooling/Heating Power Input	kW	5.02(1.29~7.5)/5.01(1.26~7.0)	5.97(1.49~7.80)/6.08(0.65~3.62)
Performance	SEER/SCOP	W/W	6.1/4.0	6.1/4.0
	ERP Energy Efficiency Class		A++/A+	A++/A+
	Air Flow Volume	m³/h	1900/1600/1400	2030/1880/1670
	Sound Pressure Noise Level	dB(A)	53/50/44	53/50/44
	Sound Power Noise Level	dB(A)	65	67
	ESP	Pa	0-160	0-160
Dimension (WxDxH)	Net	mm	1400X700X245	1400X700X245
	Packing	mm	1630X830X300	1630X830X300
Weight	Net/Gross	kg	47/54	47/54
Piping size	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)
Applicable Area		m²	56-93	64-107
Stuffing Quantity	20/40/40H	set	46/97/112	42/89/99

★ Remark:The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.



Inverter Series Free Match

Inverter Series-Free Match

Free Match



Standard

Optional



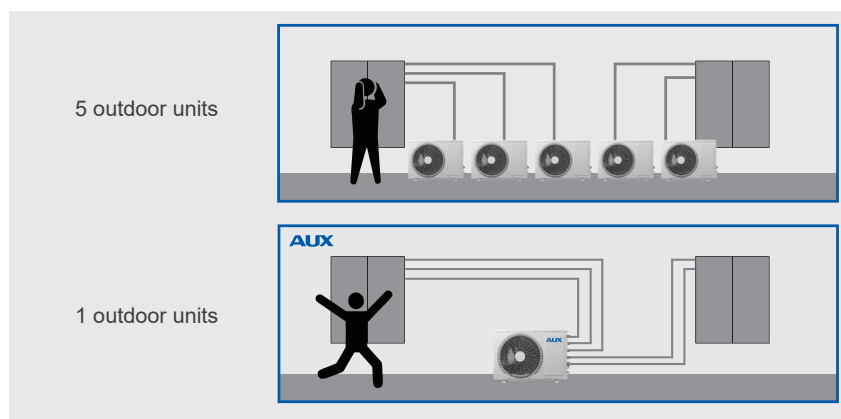
Environmental-friendly Refrigerant R32

The GWP value of R32 is smaller, so the effect on the greenhouse effect is smaller.
The ODP value of R32 is 0, so it's no harm to our planet's ozone layer.



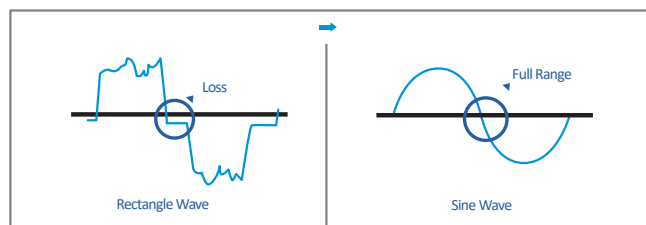
Space-Saving Installation

Up to 5 indoor units can be connected to a single outdoor unit, which reduces the number of outdoor units required so as to save installation space. Besides, each indoor unit can be controlled individually and they even needn't be installed at the same time.



Energy Saving

Cutting-edge DC inverter of sine wave control and active PFC technology realize low noise and economical operation.



Combination Table

Multi DC Outdoor Unit

Suggested Combination

1 drive 2



AM2-H14/4DR3

One Unit

7

9

12

18

Two Units

7+7

7+9

9+9

/

/

/

/

/

1 drive 2



AM2-H18/4DR3

One Unit

9

12

18

/

Two Units

7+7

7+9

7+12

9+9

9+12

/

/

/

1 drive 3



AM3-H21/4DR3

One Unit

18

24

/

/

/

Two Units

7+7

7+9

7+12

7+18

9+9

9+12

9+18

12+12

/

/

Three Units

7+7+7

7+7+9

7+7+12

7+9+9

9+9+9

/

/

/

/

/

1 drive 3



AM3-H27/4DR3

One Unit

18

24

/

/

/

/

Two Units

7+7

7+9

7+12

7+18

7+24

9+9

9+12

9+18

9+24

12+12

12+18

/

Three Units

7+7+7

7+7+9

7+7+12

7+7+18

7+9+9

7+9+12

7+9+18

7+12+12

9+9+9

9+9+12

9+12+12

/

1 drive 4



AM4-H36/4DR3

One Unit

18

24

/

/

/

/

Two Units

7+12

7+18

7+24

9+9

9+12

9+18

9+24

Three Units

12+12

12+18

12+24

7+7+7

7+7+9

7+7+12

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7+9+18

7+9+24

7+9+12

7+9+18

7+9+24

Four Units

7+7+7+7

7+7+7+9

7+7+7+12

7+7+7+18

7+7+7+24

7+7+9+9

7+7+9+12

7+7+9+18

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7+7+9+12

7+7+9+18

7+7+9+24

7+7+9+12

7+7+9+18

7+7+9+24

7+7+9+12

7+7+9+18

7+7+9+24

7+7+9+12

7+7+9+18

7+7+9+24

Five Units

7+7+7+7+7

7+7+7+7+9

7+7+7+7+12

7+7+7+7+18

7+7+7+7+24

7+7+7+9+9

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

7+7+7+9+12

7+7+7+9+18

7+7+7+9+24

1 drive 5



AM5-H42/4DR3

One Unit

18

24

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Two Units

7+18

7+24

9+12

9+18

9+24

12+12

12+18

12+24

18+18

18+24

24+24

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Three Units

7+7+7

7+7+9

7+7+12

7+7+18

7+7+24

7+9+9

7+9+12

7+9+18

7+9+24

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7+9+9+9

7+9+9+12

7+9+9+18

7+9+9+24

9+9+9+9

9+9+9+12

9+9+9+18

9+9+9+24

12+12+12+12

12+12+12+18

12+12+12+24

Combination Table

Multi DC Outdoor Unit

Suggested Combination

1 drive 2

AM2-H14/4DR1



One Unit		Two Units	
7		7+7	/
9		7+9	/
12		9+9	/
18		/	/

1 drive 2

AM2-H18/4DR1B



One Unit		Two Units	
9		7+7	9+12
12		7+9	/
18		7+12	/
/		9+9	/

1 drive3

AM3-H21/4DR1



One Unit	Two Units		Three Units	
18	7+7	9+12	7+7+7	/
/	7+9	9+18	7+7+9	/
/	7+12	12+12	7+7+12	/
/	7+18	/	7+9+9	/
/	9+9	/	9+9+9	/

1 drive 3

AM3-H27/4DR1B



One Unit	Two Units		Three Units	
18	7+7	9+18	7+7+7	7+9+18
/	7+9	12+12	7+7+9	7+12+12
/	7+12	12+18	7+7+12	9+9+9
/	7+18	/	7+7+18	9+9+12
/	9+9	/	7+9+9	9+12+12
/	9+12	/	7+9+12	/

1 drive 4

AM4-H36/4DR1



One Unit	Two Units		Three Units			Four Units		
18	7+12	18+18	7+7+7	7+12+12	9+12+18	7+7+7+7	7+7+12+12	7+12+12+12
/	7+18	/	7+7+9	7+12+18	9+18+18	7+7+7+9	7+7+12+18	9+9+9+9
/	9+9	/	7+7+12	7+18+18	12+12+12	7+7+7+12	7+9+9+9	9+9+9+12
/	9+12	/	7+7+18	9+9+9	12+12+18	7+7+7+18	7+9+9+12	9+9+9+18
/	9+18	/	7+9+9	9+9+12	/	7+7+9+9	7+9+9+18	9+9+12+12
/	12+12	/	7+9+12	9+9+18	/	7+7+9+12	7+9+12+12	9+12+12+12
/	12+18	/	7+9+18	9+12+12	/	7+7+9+18	7+9+12+18	/

1 drive 5

AM5-H42/4DR1



One Unit	Two Units		Three Units				Four Units			
18	7+18	/	7+7+7	7+9+18	9+9+18	12+18+18	7+7+7+7	7+7+9+18	7+9+12+12	9+9+12+12
/	9+12	/	7+7+9	7+12+12	9+12+12	18+18+18	7+7+7+9	7+7+12+12	7+9+12+18	9+12+12+12
/	9+18	/	7+7+12	7+12+18	9+12+18	/	7+7+7+12	7+7+12+18	7+12+12+12	9+12+12+18
/	12+12	/	7+7+18	7+18+18	9+18+18	/	7+7+7+18	7+9+9+9	9+9+9+9	12+12+12+12
/	12+18	/	7+9+9	9+9+9	12+12+12	/	7+7+9+9	7+9+9+12	9+9+9+12	12+12+12+18
/	18+18	/	7+9+12	9+9+12	12+12+18	/	7+7+9+12	7+9+9+18	9+9+9+18	/
Five Units										
7+7+7+7+7			7+7+7+9+18		7+7+9+12+12		7+9+9+12+12		9+9+12+12+12	
7+7+7+7+9			7+7+7+12+12		7+7+9+12+18		7+9+12+12+12		/	
7+7+7+7+12			7+7+7+12+18		7+7+12+12+12		9+9+9+9+9		/	
7+7+7+7+18			7+7+9+9+9		7+9+9+9+9		9+9+9+9+12		/	
7+7+7+9+9			7+7+9+9+12		7+9+9+9+12		9+9+9+9+18		/	
7+7+7+9+12			7+7+9+9+18		7+9+9+9+18		9+9+9+12+12		/	

Outdoor Units



Specification-R32 50Hz DC Inverter



Model	Outdoor Unit		AM2-H14/4DR3	AM2-H18/4DR3	AM3-H21/4DR3
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling/Heating	Btu/h kW	13989(6142~15388)/16378(6995~18015) 4.1(1.8~4.51)/4.8(2.05~5.28)	18084(6824~19892)/19107(7541~21017) 5.3(2.0~5.83)/5.6(2.21~6.16)	21154(7506~22895)/22519(8155~24771) 6.2(2.2~6.71)/ 6.6(2.39~7.26)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1240/ 1150	1750/ 1540	1920/ 1780
	Rated Current(cooling&heating)	A	5.4/5	7.6/6.7	8.3/7.8
Performance	SEER/SCOP	W/W	6.16/4.06	7.07/4.08	6.57/4.38
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	2300	2300	3100
	Sound Pressure Noise Level	dB(A)	54	55	56
	Sound Power Noise Level	dB(A)	61	62	65
Dimension (W×D×H)	Net	mm	800×315×545	800×315×545	834×328×655
	Packing	mm	920×400×620	920×400×620	945×435×725
Weight	Net/Gross	kg	34/37	36/39	44/47
Piping size	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)
	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	25	25	30
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	96/198/198

Specification-R32 50Hz DC Inverter



Model	Outdoor Unit		AM3-H27/4DR3	AM4-H36/4DR3	AM5-H42/4DR3
System Format			1 drive 3	1 drive 4	1 drive 5
Capacity	Cooling/Heating	Btu/h kW	26955(7848~29650) /27978(8359~30776) 7.9(2.3~8.69)/8.2(2.45~9.02)	35826(8530~37532)/37532(9110~38214) 10.50(2.5~11.0)/11.00(2.67~11.2)	40944(9451~43332)/44356(10100~44800) 12(2.77~12.7)/13(2.96~13.1)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	2460/ 2270	3950/3150	4450/3750
	Rated Current(cooling&heating)	A	10.7/9.8	17.5/13.96	19.72/16.62
Performance	SEER/SCOP	W/W	6.30/4.04	6.10/4.00	6.10/4.10
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	3100	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
	Sound Power Noise Level	dB(A)	65	68	68
Dimension (W×D×H)	Net	mm	834×328×655	985×395×808	985×395×808
	Packing	mm	945×435×725	1105×495×895	1105×495×895
Weight	Net/Gross	kg	46/49	74/78	75/79
Piping size	Liquid Side	mm(inch)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
	Gas Side	mm(inch)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	30	35	35
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	96/198/198	44/96/144	44/96/144

★ Remark:The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Outdoor Units



Specification-R410A 50Hz DC Inverter

Model	Outdoor Unit		AM2-H14/4DR1	AM2-H18/4DR1B	AM3-H21/4DR1
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling/Heating	Btu/h kW	13989(6142~15388)/16378(6995~18015) 4.10(1.80~4.51)/4.80(2.05~5.28)	18084(6824~19892)/19107(7541~21017) 5.30(2.0~5.83)/5.60(2.21~6.16)	20813(7506~22895)/22519(8155~24771) 6.1(2.2~6.71)/6.60(2.39~7.26)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1240/1150	1750/1540	1920/1780
	Rated Current(cooling&heating) A		5.4/5.0	7.6/6.7	8.3/7.8
Performance	SEER/SCOP	W/W	6.16/4.14	6.20/4.14	6.16/4.09
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m³/h	2100	2100	2700
	Sound Pressure Noise Level	dB(A)	54	55	56
	Sound Power Noise Level	dB(A)	61	62	65
Dimension (W×D×H)	Net	mm	800×315×545	800×315×545	825×310×655
	Packing	mm	920×400×620	920×400×620	945×435×725
Weight	Net/Gross	kg	34/37	36/39	44/47
Piping size	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)
	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	25	25	30
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-10~52/-15~24	-10~52/-15~24	-10~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	102/210/210

Specification-R410A 50Hz DC Inverter

Model	Outdoor Unit		AM3-H27/4DR1B	AM4-H36/4DR1	AM5-H42/4DR1
System Format			1 drive 3	1 drive 4	1 drive 5
Capacity	Cooling/Heating	Btu/h kW	26955(7848~29650)/27978(8359~30776) 7.90(2.3~8.69)/8.20(2.45~9.02)	35826(8530~37532)/37532(9110~38214) 10.50(2.5~11.0)/11.00(2.67~11.2)	40944(9451~43332)/44356(10100~44800) 12(2.77~12.7)/13(2.96~13.1)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	2460/2270	3750/3000	4230/3570
	Rated Current(cooling&heating) A		10.7/9.8	16.4/12.15	18.72/16.12
Performance	SEER/SCOP	W/W	6.23/4.04	6.10/4.00	6.10/4.10
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m³/h	2700	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
	Sound Power Noise Level	dB(A)	65	68	68
Dimension (W×D×H)	Net	mm	822×302×655	985×395×808	985×395×808
	Packing	mm	945×430×725	1105×495×895	1105×495×895
Weight	Net/Gross	kg	46/49	74/78	75/79
Piping size	Liquid Side	mm(inch)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
	Gas Side	mm(inch)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	30	35	35
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-10~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/210/210	62/132/198	62/132/198

★ Remark:The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units

Specification-R32 Wall Mounted L Type



Model	Indoor unit		AMWM-H07/4R3(L*)	AMWM-H09/4R3(L*)	AMWM-H12/4R3(L*)	AMWM-H18/4R3(L*)
Capacity	Cooling/Heating	Btu/h kW	7165(3855~9220)/7510(3340~8530) 2.05(1.13~2.70)/2.15(0.98~2.50)	8701(3412~11260)/9042(3753~11260) 2.55(1.00~3.30)/2.65(1.10~3.30)	12283(4094~12966)/12624(3412~12966) 3.50(1.20~3.80)/3.50(1.00~3.80)	18083(6483~18766)/18425(4777~19107) 5.30(1.90~5.50)/5.40(1.40~5.60)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)	63(16~88)/63(16~88)
Performance	Air Flow Volume	m³/h	650/450/395	650/450/395	650/450/395	1000/860/688
	Sound Pressure Noise Level	dB(A)	40/38/34	41/38/34	42/40/36	48/42/35
	Sound Power Noise Level	dB(A)	51	54	53	58
Dimension (WxDxH)	Net	mm	800×300×198	800×300×198	800×300×198	970×315×235
	Packing	mm	870×370×282	870×370×282	870×370×282	1047×385×317
Weight	Net/Gross	kg	9/10.5	9/10.5	9/10.5	12.5/14.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Drainage	mm(inch)	16.5	16.5	16.5	16.5
Stuffing Quantity	20/40/40H	unit	320/680/765	320/680/765	320/680/765	224/476/544



Specification-R32 Wall Mounted F Type

Model	Indoor unit		AMWM-H07/4R3(F*)	AMWM-H09/4R3(F*)	AMWM-H12/4R3(F*)
Capacity	Cooling/Heating	Btu/h kW	7165(3855~9220)/7510(3340~8530) 2.05(1.13~2.70)/2.15(0.98~2.50)	9000(4780~11260)/9215(4095~10240) 2.58(1.40~3.30)/2.70(1.20~3.00)	12285(5800~12625)/12625(5120~12625) 3.50(1.70~3.70)/3.50(1.50~3.70)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)
Performance	Air Flow Volume	m³/h	600/480/370	600/480/370	600/480/370
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36
	Sound Power Noise Level	dB(A)	51	54	52
Dimension (WxDxH)	Net	mm	750×285×200	750×285×200	750×285×200
	Packing	mm	820×347×277	820×347×277	820×347×277
Weight	Net/Gross	kg	7.5/9	7.5/9	8/10
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Drainage	mm(inch)	16.5	16.5	16.5
Stuffing Quantity	20/40/40H	unit	384/768/864	384/768/864	384/768/864

Model	Indoor unit		AMWM-H18/4R3(F*)	AMWM-H24/4R3(F*)
Capacity	Cooling/Heating	Btu/h kW	17747(8530~19790)/18085(7680~19790) 5.27(2.50~5.80)/5.37(2.25~5.80)	23986(9895~24908)/24054(7165~27296) 7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	63(16~88)/63(16~88)	63(16~88)/63(16~88)
Performance	Air Flow Volume	m³/h	850/800/680	1150/950/750
	Sound Pressure Noise Level	dB(A)	45/42/35	49/42/35
	Sound Power Noise Level	dB(A)	57	60
Dimension (WxDxH)	Net	mm	900×310×225	1082×330×233
	Packing	mm	970×382×302	1155×397×312
Weight	Net/Gross	kg	12/14	15/16.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	16.5	16.5
Stuffing Quantity	20/40/40H	unit	252/518/592	203/427/488

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units



Specification-R32 Wall Mounted J Type

Model	Indoor unit		AMWM-H07/4R3(J*)	AMWM-H09/4R3(J*)	AMWM-H12/4R3(J*)
Capacity	Cooling/Heating	Btu/h	7165(3855-9220)/7510(3340-8530)	9000(4780-11260)/9215(4095-10240)	12285(5800-12625)/12625(5120-12625)
		kW	2.05(1.13-2.70)/2.15(0.98-2.50)	2.58(1.40-3.30)/2.70(1.20-3.00)	3.50(1.70-3.70)/3.50(1.50-3.70)
Electric Data	Power Supply	V~,Hz,Ph	220-240,50,1	220-240,50,1	220-240,50,1
	Cooling/Heating Power Input	W	40(12-68)/40(12-68)	40(12-68)/40(12-68)	40(12-68)/40(12-68)
Performance	Air Flow Volume	m³/h	600	600	600
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/37
	Sound Power Noise Level	dB(A)	51	54	52
Dimension (WxDxH)	Net	mm	792×292×201	792×292×201	792×292×201
	Packing	mm	888×370×290	888×370×290	888×370×290
Weight	Net/Gross	kg	8/10	8/10	8.5/10.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Drainage	mm(inch)	16.5	16.5	16.5
Stuffing Quantity	20/40/40H	unit	304/640/720	304/640/720	304/640/720

Model	Indoor unit		AMWM-H18/4R3(J*)	AMWM-H24/4R3(J*)
Capacity	Cooling/Heating	Btu/h	17747(8530~19790)/18085(7680~19790)	23986(9895~24908)/24054(7165~27296)
		kW	5.27(2.50~5.80)/5.37(2.25~5.80)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220-240,50,1	220-240,50,1
	Cooling/Heating Power Input	W	63(16~88)/63(16~88)	63(16~88)/63(16~88)
Performance	Air Flow Volume	m³/h	850	1150
	Sound Pressure Noise Level	dB(A)	45/42/37	49/43/37
	Sound Power Noise Level	dB(A)	55	59
Dimension (WxDxH)	Net	mm	940×316×224	1132×330×232
	Packing	mm	1010×385×310	1205×400×317
Weight	Net/Gross	kg	12/14	14/17
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	16.5	16.5
Stuffing Quantity	20/40/40H	unit	238/490/560	154/336/384

Specification-R32 Compact cassette



Model	Indoor unit		AMCA-H09/4R3AA	AMCA-H12/4R3AA	AMCA-H18/4R3AA	AMCA-H24/4R3AA
Capacity	Cooling/Heating	Btu/h	9560(5120-12115)/10240(5460-13000)	12285(5800-12625)/13306(6930-15080)	17060(8530-19107)/19107(10340-24000)	24000(9895-24908)/24054(7165-27296)
		kW	2.80(1.50-3.55)/3.00(1.60-3.81)	3.60(1.70-3.70)/3.9(2.03-4.42)	5.0(2.50-5.6)/5.6(3.03-7.03)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220-240,50,1	220-240,50,1	220-240,50,1	220-240,50,1
	Cooling/Heating Power Input	W	70(17.5-109)/70(17.5-109)	70(17.5-109)/70(17.5-109)	70(17.5-109)/70(17.5-109)	70(17.5-109)/70(17.5-109)
Performance	Air Flow Volume	m³/h	700/600/530	700/600/530	700/600/530	1300/1050/950
	Sound Pressure Noise Level	dB(A)	45/41/35	45/41/35	45/41/35	47/43/38
	Sound Power Noise Level	dB(A)	56	56	56	57
Dimension (WxDxH)	Net(Body)	mm	570×570×260	570×570×260	570×570×260	835×835×250
	Packing(Body)	mm	655×655×295	655×655×295	655×655×295	910×910×310
	Net(Panel)	mm	650×650×55	650×650×55	650×650×55	950×950×55
	Packing(Panel)	mm	710×710×80	710×710×80	710×710×80	1000×1000×1000
Weight	Net/Gross(Body)	kg	18/21	18/21	18/21	24/27.5
	Net/Gross(Panel)	kg	2.2/3.7	2.2/3.7	2.2/3.7	5.3/7.8
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	20	20	20	20
Stuffing Quantity	20/40/40H	unit	147/309/348	147/309/348	147/309/348	36/76/86

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units



Specification-R32 Slim Duct

Model	Indoor unit		AMSD-H07/4R3A	AMSD-H09/4R3A	AMSD-H12/4R3A	AMSD-H18/4R3A	AMSD-H24/4R3A
Capacity	Cooling/Heating	Btu/h	7506(3855~9220)/8530(4575~10820)	8872(5120~12115)/9895(5800~12450)	12280(5835~13135)/13650(6480~13375)	17400(8530~19790)/19790(9690~21835)	23500(10910~25900)/26000(12350~28860)
		kW	2.20(1.13~2.70)/2.50(1.34~3.17)	2.60(1.50~3.55)/2.9(1.70~3.65)	3.60(1.71~3.85)/4.0(1.90~3.92)	5.10(2.50~5.80)/5.8(2.84~6.40)	6.88(3.20~7.60)/7.62(3.62~8.46)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	55/55	55/55	55/55	75/75	95/95
Performance	Air Flow Volume	m³/h	600/450/380	600/450/380	680/560/450	860/660/600	1040/850/7800
	Sound Pressure Noise Level	dB(A)	35/31/28	35/31/28	38/34/31	42/38/36	48/41/37
	Sound Power Noise Level	dB(A)	53	53	53	55	58
	ESP	Pa	25	25	25	25	25
Dimension (WxDxH)	Net	mm	700×470×200	700×470×200	700×470×200	1000×470×200	1300×470×200
	Packing	mm	1005×580×275	1005×580×275	1005×580×275	1305×580×275	1615×580×275
Weight	Net/Gross	kg	18.5/22	18.5/22	18.5/22	24/28	31/35
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	16.5	16.5	16.5	16.5	16.5
Stuffing Quantity	20/40/40H	unit	176/368/414	176/368/414	176/368/414	136/288/324	104/224/254



Specification-R32 Ceiling&Floor

Model	Indoor unit		AMCF-H09/4R3A	AMCF-H12/4R3A	AMCF-H18/4R3A
Capacity	Cooling/Heating	Btu/h	9560(5120~12115)/10240(5460~13000)	12285(5800~12625)/13306(6930~15080)	18080(8530~19107)/19790(10340~24000)
		kW	2.80(1.50~3.55)/3.00(1.60~3.81)	3.60(1.70~3.70)/3.9(2.03~4.42)	5.3(2.50~5.6)/5.8(3.03~7.03)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	80(20~125)/80(20~125)	80(20~125)/80(20~125)	80(20~125)/80(20~125)
Performance	Air Flow Volume	m³/h	750/600/500	750/600/500	850/700/600
	Sound Pressure Noise Level	dB(A)	39/36/30	39/36/30	45/42/40
	Sound Power Noise Level	dB(A)	55	55	59
Dimension (WxDxH)	Net	mm	929×660×205	929×660×205	929×660×205
	Packing	mm	1010×720×290	1010×720×290	1010×720×290
Weight	Net/Gross	kg	26/31	26/31	26/31
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drainage	mm(inch)	20	20	20
Stuffing Quantity	20/40/40H	unit	136/280/315	136/280/315	136/280/315

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units



Specification-R32 Console Unit **NEW**

Model	Indoor unit		AMCS-H09/4R3A	AMCS-H12/4R3A	AMCS-H16/4R3A
Capacity	Cooling/Heating	Btu/h	9000(1600~11000)/10000(1800~13500)	12000(2100~15000)/13000(2100~17000)	16000(2400~19000)/17000(2700~23000)
		kW	2.6(0.5~3.22)/2.9(0.5~4.0)	3.5(0.6~4.4)/3.8(0.6~5.0)	4.7(0.7~5.5)/5.0(0.8~6.7)
Electric Data	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Cooling/Heating Power Input W	55	55	75
Performance	Air Flow Volume	m ³ /h	480/400/340	550/470/360	740/700/640
	Sound Pressure Noise Level	dB(A)	46/40/35	47/41/35	48/41/35
	Sound Power Noise Level	dB(A)	58	58	58
Dimension (WxDxH)	Net	mm	700×600×210	700×600×210	700×600×210
	Packing	mm	810×710×305	810×710×305	810×710×305
Weight	Net/Gross	kg	15/20	15/20	15/20
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/4)	12.7(1/4)	12.7(1/4)
	Drainage	mm(inch)	DN20	DN20	DN20
Stuffing Quantity	20/40/40H	unit	165/338/380	165/338/380	165/338/380

Specification-Wall Mounted J Tybe R410A

Model	Indoor unit		AMWM-H07/4R1(J*)	AMWM-H09/4R1(J*)	AMWM-H12/4R1(J*)
Capacity	Cooling/Heating	Btu/h	7165(3855~9220)/7510(3340~8530)	9000(4780~11260)/9215(4095~10240)	12285(5800~12625)/12625(5120~12625)
		kW	2.05(1.13~2.70)/2.15(0.98~2.50)	2.58(1.40~3.30)/2.70(1.20~3.00)	3.50(1.70~3.70)/3.50(1.50~3.70)
Electric Data	Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Cooling/Heating Power Input W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)
Performance	Air Flow Volume	m ³ /h	600	600	600
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/37
	Sound Power Noise Level	dB(A)	51	54	52
Dimension (WxDxH)	Net	mm	792×292×201	792×292×201	792×292×201
	Packing	mm	888×370×290	888×370×290	888×370×290
Weight	Net/Gross	kg	8/10	8/10	8.5/10.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Drainage	mm(inch)	16.5	16.5	16.5
Stuffing Quantity	20/40/40H	unit	304/640/720	304/640/720	304/640/720

Model	Indoor unit		AMWM-H18/4R1(J*)	AMWM-H24/4R1(J*)
Capacity	Cooling/Heating	Btu/h	17747(8530~19790)/18085(7680~19790)	23986(9895~24908)/24054(7165~27296)
		kW	5.27(2.50~5.80)/5.37(2.25~5.80)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~, Hz, Ph	220-240, 50, 1	220□240, 50, 1
		Cooling/Heating Power Input W	63(16~88)/63(16~88)	63(16~88)/63(16~88)
Performance	Air Flow Volume	m ³ /h	850	1150
	Sound Pressure Noise Level	dB(A)	45/42/37	49/43/37
	Sound Power Noise Level	dB(A)	55	59
Dimension (WxDxH)	Net	mm	940×316×224	1132×330×232
	Packing	mm	1010×385×310	1205×400×317
Weight	Net/Gross	kg	12/14	14/17
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	16.5	16.5
Stuffing Quantity	20/40/40H	unit	238/490/560	154/336/384

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Indoor Units



Specification-Wall Mounted L Type R410A

Model	Indoor unit		AMWM-H07/4R1(L*)	AMWM-H09/4R1(L*)	AMWM-H12/4R1(L*)	AMWM-H18/4R1(L*)
Capacity	Cooling/Heating	Btu/h	6995(3412~10236)/7336(3412~10236)	8701(3412~11260)/9042(3753~11260)	12113(4094~12966)/12113(3412~12966)	17401(6483~18766)/18425(4777~19107)
		kW	2.05(1.00~3.00)/2.15(1.10~3.00)	2.55(1.00~3.30)/2.65(1.10~3.30)	3.55(1.20~3.80)/3.55(1.00~3.80)	5.10(1.90~5.50)/5.40(1.40~5.60)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40	40	40	63
Performance	Air Flow Volume	m ³ /h	969	969	969	1700
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36	45/42/35
	Sound Power Noise Level	dB(A)	50	50	50	50
Dimension (WxDxH)	Net	mm	800×300×198	800×300×198	800×300×198	970×315×235
	Packing	mm	870×370×280	870×370×280	870×370×20	1047×385×315
Weight	Net/Gross	kg	10/11.5	10/11.5	10/11.5	13/16
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Drainage	mm(inch)	16.5(3/5)	16.5(3/5)	16.5(3/5)	16.5(3/5)
Stuffing Quantity	20/40/40H	unit	422/830/948	422/830/948	422/830/948	286/588/675



Specification-Wall Mounted F Type R410A

Model	Indoor unit		AMWM-H07/4R1(F*)	AMWM-H09/4R1(F*)	AMWM-H12/4R1(F*)	AMWM-H18/4R1(F*)
Capacity	Cooling/Heating	Btu/h	7165(3855-9220)/7510(3340-8530)	8701(4780-11260)/9215(4095-10240)	12285(5800-12625)/12625(5120-12625)	17745(8530-19790)/18085(7680-19790)
		kW	2.05(1.13-2.70)/2.15(0.98-2.50)	2.55(1.40-3.30)/2.65(1.20-3.00)	3.60(1.70-3.70)/3.70(1.50-3.70)	5.20(2.50-5.80)/5.00(2.25-5.80)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40	40	40	63
Performance	Air Flow Volume	m ³ /h	550/480/370	550/480/370	550/480/370	900/800/680
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36	45/42/35
	Sound Power Noise Level	dB(A)	50	50	50	50
Dimension (WxDxH)	Net	mm	750×285×200	750×285×200	750×285×200	900×310×225
	Packing	mm	800×345×265	800×345×265	800×345×265	950×380×290
Weight	Net/Gross	kg	8/10.5	8/10.5	8/10.5	12/14
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Drainage	mm(inch)	16.5(3/5)	16.5(3/5)	16.5(3/5)	16.5(3/5)
Stuffing Quantity	20/40/40H	unit	432/858/858	432/858/858	432/858/858	301/600/700

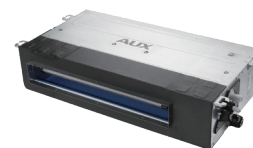
★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units



Specification-R410A Compact cassette

Model	Indoor unit		AMCA-H09/4R1A	AMCA-H12/4R1A	AMCA-H18/4R1A	AMCA-H24/4R1A
Capacity	Cooling/Heating	Btu/h	9560(5120~12115)/10240(5460~13000)	12285(5800~12625)/13306(6930~15080)	17060(8530~19107)/19107(10340~24000)	24000(9895~24908)/24054(7165~27296)
		kW	2.80(1.50~3.55)/3.00(1.60~3.81)	3.60(1.70~3.70)/3.90(2.03~4.42)	5.00(2.50~5.60)/5.60(3.03~7.03)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	70	70	70	70(17.5~109)/70(17.5~109)
Performance	Air Flow Volume	m ³ /h	700/600/530	700/600/530	700/600/530	1300/1050/950
	Sound Pressure Noise Level	dB(A)	45/41/35	45/41/35	45/41/35	47/43/38
	Sound Power Noise Level	dB(A)	56	56	56	57
Dimension (WxDxH)	Net(Body)	mm	570×570×260	570×570×260	570×570×260	835X835X250
	Packing(Body)	mm	655×655×295	655×655×295	655×655×295	910X910X310
	Net(Panel)	mm	650×650×55	650×650×55	650×650×55	950X950X55
	Packing(Panel)	mm	710×710×80	710×710×80	710×710×80	1000X1000X1000
Weight	Net/Gross(Body)	kg	18/21	18/21	18/21	24/27.5
	Net/Gross(Panel)	kg	2.2/3.7	2.2/3.7	2.2/3.7	5.3/7.8
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20
Stuffing Quantity	20/40/40H	unit	147/309/348	147/309/348	147/309/348	82/226/271

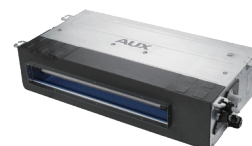


Specification-R410A Slim Duct

Model	Indoor unit		AMSD-H07/4R1	AMSD-H09/4R1	AMSD-H12/4R1
Capacity	Cooling/Heating	Btu/h	7506(3855~9220)/8530(4575~10820)	8872(5120~12115)/9895(5800~12450)	12280(5835~13135)/13650(6480~13375)
		kW	2.20(1.13~2.70)/2.50(1.34~3.17)	2.60(1.50~3.55)/2.90(1.70~3.65)	3.60(1.71~3.85)/4.00(1.90~3.92)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	45	45	75
Performance	Air Flow Volume	m ³ /h	420/336/294	420/336/294	580/464/406
	Sound Pressure Noise Level	dB(A)	30/26/23	30/26/23	32/28/25
	Sound Power Noise Level	dB(A)	52	52	52
	ESP	Pa	10/30	10/30	10/30
Dimension (WxDxH)	Net	mm	840×465×185	840×465×185	840×465×185
	Packing	mm	1030*545*250	1030*545*250	1030*545*250
Weight	Net/Gross	kg	16.5/20	16.5/20	17.5/21
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	unit	198/414/460	198/414/460	198/414/460

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Indoor Units



Specification-R410A Slim Duct

Model	Indoor unit		AMSD-H18/4R1	AMSD-H24/4R1
Capacity	Cooling/Heating	Btu/h	17400(8530~19790)/19790(9690~21835)	23500(10910~25900)/26000(12350~28860)
		kW	5.10(2.50~5.80)/5.80(2.84~6.40)	6.88(3.20~7.60)/7.62(3.62~8.46)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	137	95/95
Performance	Air Flow Volume	m ³ /h	860/688/602	1040/850/7800
	Sound Pressure Noise Level	dB(A)	38/35/32	48/41/37
	Sound Power Noise Level	dB(A)	55	58
	ESP	Pa	10/30	10
Dimension (WxDxH)	Net	mm	1160×465×185	1300×470×200
	Packing	mm	1350×545×250	1615×580×275
Weight	Net/Gross	kg	21/26	31/35
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	DN20(R3/4)	16.5
Stuffing Quantity	20/40/40H	unit	144/306/340	104/224/254



Specification-R410A Ceiling&Floor

Model	Indoor unit		AMCF-H09/4R1	AMCF-H12/4R1	AMCF-H18/4R1
Capacity	Cooling/Heating	Btu/h	9560(5120~12115)/10240(5460~13000)	12285(5800~12625)/13306(6930~15080)	18080(8530~19107)/19790(10340~24000)
		kW	2.80(1.50~3.55)/3.00(1.60~3.81)	3.60(1.70~3.70)/3.90(2.03~4.42)	5.30(2.50~5.60)/5.8(3.03~7.03)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	80	80	80
Performance	Air Flow Volume	m ³ /h	620/504/441	620/504/441	850/680/595
	Sound Pressure Noise Level	dB(A)	39/36/30	39/36/30	43/39/36
	Sound Power Noise Level	dB(A)	55	55	55
Dimension (WxDxH)	Net	mm	929×660×205	929×660×205	929×660×205
	Packing	mm	1010×720×290	1010×720×290	1010×720×290
Weight	Net/Gross	kg	24/27	24/27	25/28
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	12.7(1/2)	12.7(1/2)
	Drainage	mm(inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	unit	136/280/315	136/280/315	136/280/315

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

On/Off Series

On/Off Series





Outdoor Unit

Specification-R410A 50Hz ON/OFF

Model	Outdoor		AL-H12/4R1F-R(U)	AL-H18/4R1F-R(U)	AL-H24/4R1F-R(U)	AL-H36/4R1F-R(U)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
Performance	Air Flow Volume	m³/h	1980	2600	3000	3850
	Noise Level	dB(A)	53	55	57	60
Dimension (W×D×H)	Net	mm	730×285×545	800×315×545	825×310×655	970×395×805
	Packing	mm	845×370×620	920×400×620	945×435×725	1105×495×895
Compressor	Type		Rotary			
Weight	Net/Gross	kg	28/32	42/45	53/56	65/75
Piping size	Liquid Side	mm(inch)	6.35	6.35	9.52	9.52
	Gas Side	mm(inch)	12.7	12.7	15.88	15.88
	Max. Length	m	15	20	20	30
	Max. Height	m	10	15	15	20
Ambient temperature	Cooling/Heating	°C	-5~49/-15~24	-5~49/-15~24	-5~49/-15~24	-5~49/-15~24
Stuffing Quantity	20/40/40H	unit	119/261/348	101/215/291	93/198/198	40/96/144

Specification-R410A 50Hz ON/OFF

Model	Outdoor		AL-H36/5R1F-R(U)	AL-H48/5R1F-R(U)	AL-H60/5R1F-R(U)
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3	380~415,50,3
Performance	Air Flow Volume	m³/h	3850	5800	5800
	Noise Level	dB(A)	60	60	60
Dimension (W×D×H)	Net	mm	970×395×805	940×370×1325	940×370×1325
	Packing	mm	1105×495×895	1070×450×1435	1070×450×1435
Compressor	Type		Rotary		
Weight	Net/Gross	kg	65/75	95/105	99/109
Piping size	Liquid Side	mm(inch)	9.52	9.52	9.52
	Gas Side	mm(inch)	15.88	19.05	19.05
	Max. Length	m	30	50	50
	Max. Height	m	20	30	30
Ambient temperature	Cooling/Heating	°C	-5~49/-15~24	-5~49/-15~24	-5~49/-15~24
Stuffing Quantity	20/40/40H	unit	40/96/144	27/55/55	27/55/55

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On/Off Series

Compact Cassette & Cassette



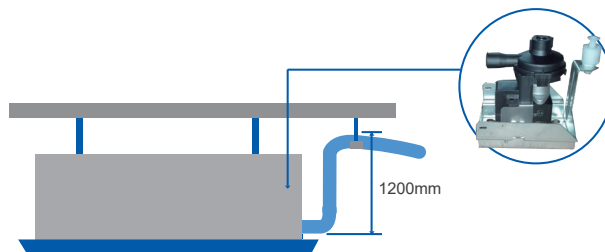
Standard

Optional



Built-In Drain Pump

The built-in drain pump can lift condensing water up to 1200mm high from the drainage pan.



Optional Indoor Units (Round Flow/Four-way Cassette)



Four-way Cassette



Round Flow Cassette

Fresh Air Intake

Fresh air makes indoor air healthy and comfortable.



Fresh air intake

FEATURES

■ optional ■ standard



Auto Restart Function



Hydrophilic Aluminum Fin



Fast Cooling/Heating



Low Ambient Cooling



Intelligent Defrosting



Remote Control



Washable Filter



Fire-proof Electric Box



Built-in Drain Pump



Digital Tube Display



Wired Control



Central Control



Golden Fin



WIFI Control

Cassette



Specification-R410A 50Hz ON/OFF

Model	Indoor		ALCA-H12/4R1E1A-R	ALCA-H18/4R1E1A-R	ALCA-H24/4R1E1A-R	ALCA-H36/4R1E1A-R
	Outdoor		AL-H12/4R1F-R(U)	AL-H18/4R1F-R(U)	AL-H24/4R1F-R(U)	AL-H36/4R1F-R(U)
Capacity	Cooling/Heating	Btu/h	12000/13500	18000/19100	24000/26900	36000/39920
		kW	3.52/3.96	5.28/5.60	7.03/7.88	10.6/11.7
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	kW	1.16/1.22	1.70/1.64	2.26/2.31	3.77/3.50
	Cooling/Heating Current	A	5.32/5.60	7.80/7.52	10.37/10.60	17.30/16.60
Performance	EER/COP	W/W	3.03/3.25	3.1/3.41	3.11/3.41	2.81/3.34
	Air Flow Volume	m ³ /h	750/650/580	800/730/660	1200/950/800	1500/1200/1050
	Noise Level	dB(A)	46/41/39	45/40/32	45/42/36	48/45/39
Dimension (W×D×H)	Net(Body)	mm	570×570×260	570×570×260	835×835×250	835×835×250
	Packing(Body)	mm	655×655×295	655×655×295	910×910×310	910×910×310
	Net(Panel)	mm	650×650×55	650×650×55	950×950×55	950×950×55
	Packing(Panel)	mm	710×710×80	710×710×80	1000×1000×100	1000×1000×100
Weight	Net/Gross (Body)	kg	17/20	19/21	25/29	27/30
	Net/Gross (Panel)	kg	2.2/3.7	2.2/3.7	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	66/150/165	66/150/165	34/80/90	28/63/72

Specification-R410A 50Hz ON/OFF

Model	Indoor		ALCA-H36/5R1E1A-R	ALCA-H48/5R1E1A-R	ALCA-H60/5R1E1A-R
	Outdoor		AL-H36/5R1F-R(U)	AL-H48/5R1F-R(U)	AL-H60/5R1F-R(U)
Capacity	Cooling/Heating	Btu/h	36000/39920	48000/52000	60000/63500
		kW	10.6/11.7	14.07 /15.24	17.60 /18.50
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3	380~415,50,3
	Cooling/Heating Power Input	kW	3.77/3.50	4.90/5.05	6.26/5.78
	Cooling/Heating Current	A	6.76/6.28	8.88/9.33	11.34/10.36
Performance	EER/COP	W/W	2.81/3.34	2.87/3.02	2.81/3.2
	Air Flow Volume	m ³ /h	1500/1200/1050	1800/1440/1260	1800/1440/1260
	Noise Level	dB(A)	48/45/39	53/51/47	53/51/47
Dimension (W×D×H)	Net(Body)	mm	835×835×250	835×835×290	835×835×290
	Packing(Body)	mm	910×910×310	910×910×350	910×910×350
	Net(Panel)	mm	950×950×55	950×950×55	950×950×55
	Packing(Panel)	mm	1000×1000×100	1000×1000×100	1000×1000×100
Weight	Net/Gross (Body)	kg	27/30	28/32	28/32
	Net/Gross (Panel)	kg	5.3/7.8	5.3/7.8	5.3/7.8
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	28/63/72	22/50/55	22/50/55

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On/Off Series

Ceiling&Floor



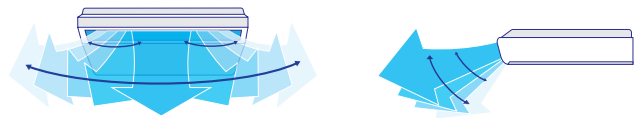
Standard

Optional



3D Air Swing

Vertical and horizontal swing makes air below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space.



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



FEATURES

■ optional ■ standard



Auto Restart Function



Hydrophilic Aluminum Fin



Fast Cooling/Heating



Low Ambient Cooling



Intelligent Defrosting



Remote Control



3D Air Flow



Long-term Filter



Wired Control



Central Control



Golden Fin



WIFI Control

Ceiling&Floor



Specification-R410A 50Hz ON/OFF

Model	Indoor		ALCF-H18/4R1F-R	ALCF-H24/4R1F-R	ALCF-H36/4R1F-R
	Outdoor		AL-H18/4R1F-R(U)	AL-H24/4R1F-R(U)	AL-H36/4R1F-R(U)
Capacity	Cooling/Heating	Btu/h	18000/19100	24000/26900	36000/39920
		kW	5.28/5.60	7.03/7.88	10.6/11.7
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	kW	1.70/1.64	2.26/2.31	3.77/3.50
	Cooling/Heating Current	A	7.80/7.52	10.37/10.60	17.30/16.60
Performance	EER/COP	W/W	3.1/3.41	3.11/3.41	2.81/3.34
	Air Flow Volume	m ³ /h	850/680/595	1200/960/840	1500/1200/1050
	Noise Level	dB(A)	43/40/34	46/43/38	50/47/41
Dimension (W×D×H)	Net	mm	929×660×205	1280×660×205	1280×660×205
	Packing	mm	1010×720×290	1360×720×290	1360×720×290
Weight	Net/Gross	kg	25/28	32/37	33/40
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	54/120/144	48/99/109	36/75/86

Specification-R410A 50Hz ON/OFF

Model	Indoor		ALCF-H36/5R1F-R	ALCF-H48/5R1F-R	ALCF-H60/5R1F-R
	Outdoor		AL-H36/5R1F-R(U)	AL-H48/5R1F-R(U)	AL-H60/5R1F-R(U)
Capacity	Cooling/Heating	Btu/h	36000/39920	48000/52000	60000/63500
		kW	10.6/11.7	14.07 /15.24	17.60 /18.50
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3	380~415,50,3
	Cooling/Heating Power Input	kW	3.77/3.50	4.90/5.05	6.26/5.78
	Cooling/Heating Current	A	6.76/6.28	8.88/9.33	11.34/10.36
Performance	EER/COP	W/W	2.81/3.34	2.87/3.02	2.81/3.2
	Air Flow Volume	m ³ /h	1500/1200/1050	1800/1440/1260	1800/1440/1260
	Noise Level	dB(A)	50/47/41	51/48/42	51/48/42
Dimension (W×D×H)	Net	mm	1280×660×205	1631×660×205	1631×660×205
	Packing	mm	1360×720×290	1710×720×290	1710×720×290
Weight	Net/Gross	kg	33/40	44/52	44/52
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	36/75/86	24/54/54	24/54/54

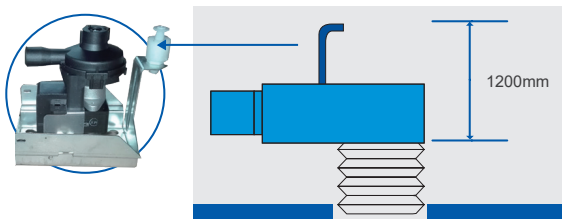
★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Mid ESP Duct



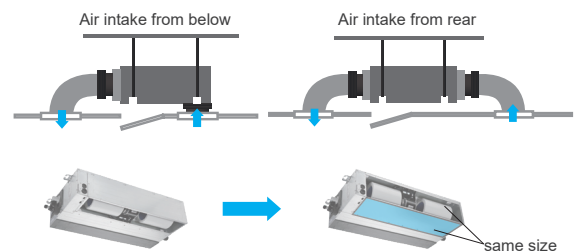
Built-In Drain Pump (Optional)

The built-in drain pump can lift condensing water up to 1200mm high from the drainage pan.



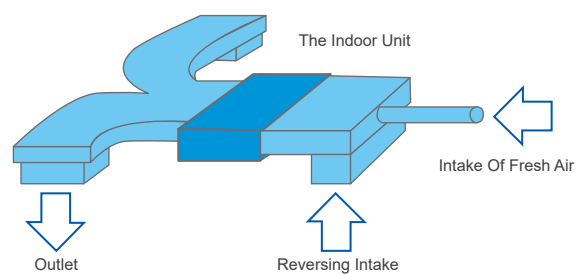
Flexible Installation

Air intake from rear as standard, from bottom is optional. The size of the plate from bottom is the same as the flange from back, which makes it convenient to change installation style due to different decoration requirements.



Fresh Air Intake

Fresh air makes indoor air healthy and comfortable.



FEATURES

■ optional ■ standard



Auto Restart Function



Hydrophilic Aluminum Fin



Fast Cooling/Heating



Low Ambient Cooling



Intelligent Defrosting



Long-term Filter



Wired Control



Remote Control



Central Control



Golden Fin



WIFI Control

Mid ESP Duct



Specification-R410A 50Hz ON/OFF

Model	Indoor		ALLD-H12/4R1F-R	ALMD-H18/4R1F-R	ALMD-H24/4R1F-R	ALMD-H36/4R1F-R
	Outdoor		AL-H12/4R1F-R(U)	AL-H18/4R1F-R(U)	AL-H24/4R1F-R(U)	AL-H36/4R1F-R(U)
Capacity	Cooling/Heating	Btu/h	12000/12750	18000/19100	24000/26900	36000/39920
		kW	3.52/3.73	5.28/5.60	7.03/7.88	10.6/11.7
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	kW	1.14/1.15	1.70/1.55	2.26/2.18	3.77/3.50
	Cooling/Heating Current	A	5.49/5.63	7.80/7.11	10.37/10.00	17.30/16.60
Performance	EER/COP	W/W	3.08/3.24	3.1/3.61	3.11/3.61	2.81/3.34
	Air Flow Volume	m³/h	616/613/513/433/388	950/760/665	1400/1250/1050	2000/1600/1400
	Noise Level	dB(A)	39/37/33/29/26	38/35/32	46/44/42	50/47/41
	ESP	Pa	20	80	80	80
Dimension (W×D×H)	Net	mm	700×450×200	890×735×290	890×735×290	890×735×290
	Packing	mm	1005×560×275	1070×800×360	1070×800×360	1070×800×360
Weight	Net/Gross	kg	18/21	32/37	33/38	35/39
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	80/171/192	48/104/122	40/82/106	30/70/82

Specification-R410A 50Hz ON/OFF

Model	Indoor		ALMD-H36/5R1F-R	ALMD-H48/5R1F-R	ALMD-H60/5R1F-R
	Outdoor		AL-H36/5R1F-R(U)	AL-H48/5R1F-R(U)	AL-H60/5R1F-R(U)
Capacity	Cooling/Heating	Btu/h	36000/39920	48000/52000	60000/63500
		kW	10.6/11.7	14.07 /15.24	17.60 /18.50
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3	380~415,50,3
	Cooling/Heating Power Input	kW	3.73/3.50	4.90/5.05	6.26/5.78
	Cooling/Heating Current	A	6.69/6.28	8.88/9.33	11.34/10.36
Performance	EER/COP	W/W	2.84/3.34	2.87/3.02	2.81/3.2
	Air Flow Volume	m³/h	2000/1600/1400	2400/2100/1700	2600/2300/1950
	Air Flow Volume	m³/h	50/47/41	49/46/44	50/47/45
	Noise Level	dB(A)	80	80	80
Dimension (W×D×H)	Net	mm	890×735×290	1250×735×290	1250×735×290
	Packing	mm	1070×800×360	1430×800×360	1430×800×360
Weight	Net/Gross	kg	35/39	45/51	50/56
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)	DN20(R3/4)
Stuffing Quantity	20/40/40H	set	30/70/82	22/46/49	22/46/49

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On/Off Series

High ESP Duct



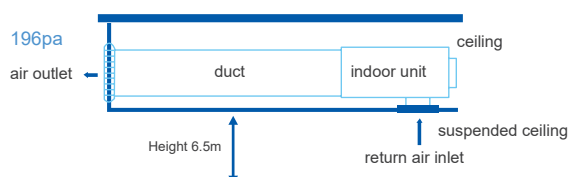
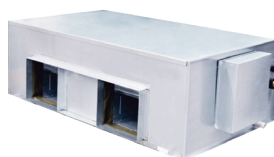
Standard

Optional



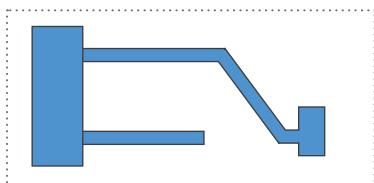
High Static Pressure

ESP range is optional, can reach 196Pa, It suits 6.5m super high ceiling air supply.

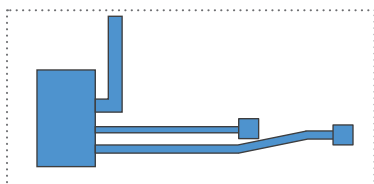


Long Distance Air Supply

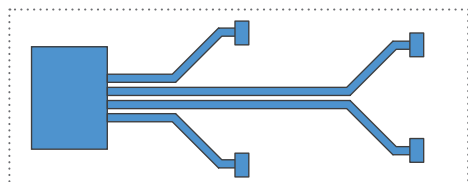
It is suitable for long distance air supply and flexible air duct installation. Specially for different irregular size rooms.



Long and narrow size room

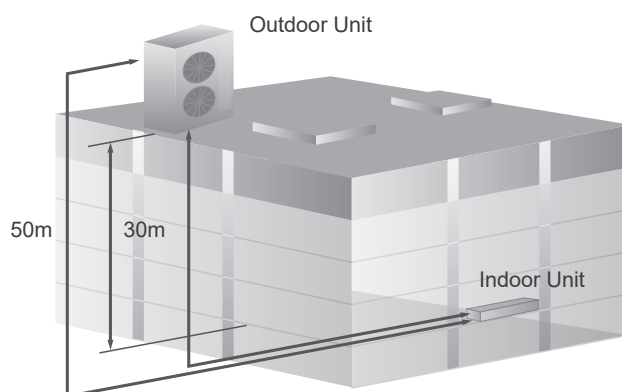


L size room

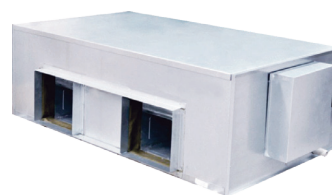


Oversize room

Long Pipe and Large Height Difference



High ESP Duct



Specification-R410A 50Hz ON/OFF

Model	Indoor		ALHD-H48/5R1A	ALHD-H60/5R1A
Capacity	Cooling/Heating	Btu/h	48000/53000	60000/63000
		kW	14.07/15.5	17.60/18.5
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	kW	4.9/5.13	5.71/5.78
	Cooling/Heating Current	A	8.88/9.33	10.42/10.36
Performance	EER/COP	W/W	2.87/3.02	3.08/3.08
	Air Flow Volume	m³/h	2000/1600/1400	2000/1600/1400
	Noise Level	dB(A)	60/57/51	60/57/51
	ESP	Pa	196	196
Dimension (W×D×H)	Net	mm	1200×719×380	1200×719×380
	Packing	mm	1235×760×415	1235×760×415
Weight	Net/Gross	kg	55/59	55/59
Piping size	Drainage	mm(Inch)	DN20(R3/4)	DN20(R3/4)
Outdoor			AL-H48/5R1F-R(U)	AL-H60/5R1F-R(U)
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3
Air Flow Volume		m³/h	6400	6400
Performance	Noise Level	dB(A)	60	60
Dimension (W×D×H)	Net	mm	1325×940×370	1325×940×370
	Packing	mm	1440×1080×430	1440×1080×430
Compressor	Type		Rotary	
Weight	Net/Gross	kg	95/105	99/109
Piping size	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	19.05(3/4)	19.05(3/4)
Max. Length		m	50	50
Max. Height		m	30	30
Stuffing Quantity	20/40/40H	set	24/54/55	24/54/55

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Commercial High ESP Duct

FEATURES

■ optional ■ standard



Wired Control



Auto Restart Function



Anti-Cold-Air



Compressor Heating belt



Hydrophilic Aluminum Fin



Low Ambient Cooling



Fast Cooling/Heating



Long-term Filter



Intelligent Defrosting



Self-diagnosis Function



Remote Control



Central Control



WIFI Control

High ESP Duct



Standard



Optional



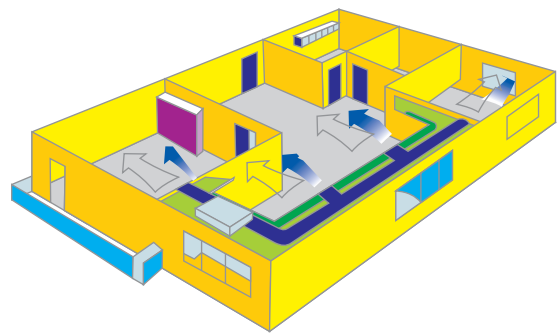
Three-Speed Fan Motor

Outdoor unit 3 fan speeds with better low temp. cooling.



Long Distance Air Supply

High ESP design makes the air supply the longest distance 50m, and the air supply is distributed well.



Wide Operation Range

The unit could operate perfectly between 52°C in hot summer and -15°C in cold winter making you feel like spring all year around, advanced system design and strict system matching and test.



High ESP Duct



Specification-R410A Side Discharge

Model	Indoor		ALHD-H80/5R1S	ALHD-H100/5R1S
	Outdoor		AL-H80/5R1S(HD)	AL-H100/5R1S(HD)
Indoor				
Capacity	Cooling/Heating	Btu/h	76000/83600	96000/105600
		kW	22.00/24.50	28.00/31.00
Electric Data	Power Supply	V~,Hz,Ph	380-415,50,3	380-415,50,3
	Cooling/Heating Power Input	kW	8.30/7.50	10.60 /9.48
	Cooling/Heating Current	A	13.41/12.10	17.07/15.35
Performance	EER/COP	W/W	2.65/3.27	2.64/3.27
Indoor	Net Dimension	mm	1350×700×460	1350×700×460
	Packing Dimension	mm	1540×810×610	1540×810×610
	Net/Gross Weight	kg	90/110	91/111
	Air Flow Volume	m³/h	5000/4000/3600	5000/4000/3600
	Noise Leve	dB(A)	55	55
	ESP	Pa	150	150
Outdoor				
Outdoor	Net Dimension	mm	1120×400×1510	1120×400×1510
	Packing Dimension	mm	1270×545×1710	1270×545×1710
	Net/Gross Weight	kg	175/190	176/191
	Air Flow Volume	m³/h	6000×2	6000×2
	Noise Level	dB(A)	58	58
Piping size	Liquid Side	mm(inch)	9.52(3/8)×2	9.52(3/8)×2
	Gas Side	mm(inch)	19.05(3/4)×2	19.05(3/4)×2
	Max. Length	m	50	50
	Max. Height	m	20	20
Stuffing Quantity	20/40/40H	set	12/25/28	12/25/28

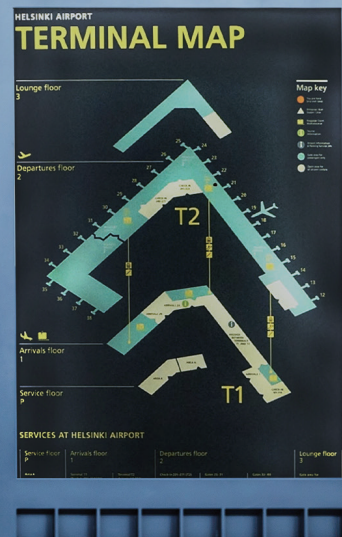
★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Commercial Floor&Standing



88:88

19:35 Bangkok	Expected 19:24
19:50 Dublin	Expected 19:46
19:55 Cairo	Expected 20:09
19:55 Stockholm	Expected 19:51
20:10 Edinburgh	Expected 19:55
20:20 Munich	Expected 19:58
20:30 Toronto	Expected 19:57
20:45 Frankfurt	
21:00 Istanbul	Expected 21:11
21:05 Dublin	
21:10 Brussels	
21:15 Athens	Expected 21:25
21:15 Cork	
21:15 Copenhagen	
21:20 Geneva	
21:25 Vienna	
21:25 Lisbon	
21:25 Newark	Expected 21:05
21:35 Stockholm	
21:35 Oslo	
21:40 Zurich	
21:50 Warsaw	
22:00 Washington	Expected 21:57
22:05 Dublin	



FEATURES

■ optional ■ standard



Remote Control



Auto Restart
Function



Fast Cooling/
Heating



Compressor
Heating belt



Hydrophilic
Aluminum Fin



Auto swing



Low Ambient
Cooling



Long-term Filter



Anti-Cold-Air



Self-diagnosis
Function



Intelligent
Defrosting



Central Control



WIFI Control

Floor&Standing

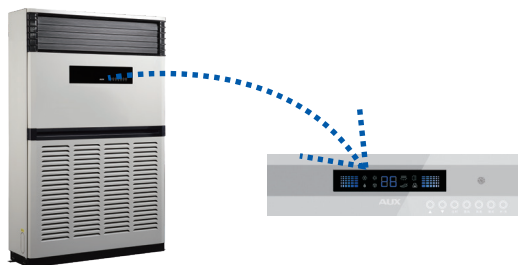


Standard



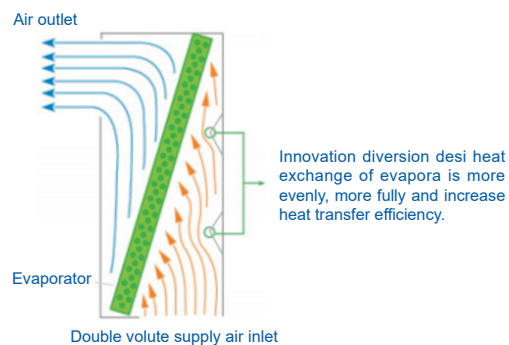
Touch Screen Design

Elegant touch screen design, longer lifetime than traditional button design.



Innovative Diversion Design

The special design at air inlet side makes strong air flow more even and more efficient.



Ultra-Slim Design

The indoor unit is only 36cm in width, save installation space.



Floor&Standing



Specification-R410A Side Discharge

Model	Indoor		ALFS-H80/5R1S	ALFS-H100/5R1S
	Outdoor		AL-H80/5R1S(FS)	AL-H100/5R1S(FS)
Indoor				
Capacity	Cooling / Heating	Btu/h	76000/83600	96000/105600
		kW	22.00/24.5	28.00/31.00
Electric Data	Power Supply	V~,Hz,Ph	380-415V,50Hz,3N	380-415V,50Hz,3N
	Cooling / Heating Power Input	kW	7.86/8.01	10.07/10.13
	Cooling / Heating Current	A	13.27 / 15.50	17.00/19.75
Performance	EER / COP	W/W	2.80/3.05	2.78/2.65
Indoor	Net Dimension	mm	1200×360×1850	1200×360×1850
	Packing Dimension	mm	1270×430×2000	1270×430×2000
	Net / Gross Weight	kg	110/130	111/131
	Air Flow Volume	m³/h	4000/3800/3600	4000/3800/3600
	Noise Level	dB(A)	56	56
Outdoor				
Outdoor	Net Dimension	mm	1120×400×1510	1120×400×1510
	Packing Dimension	mm	1270×545×1710	1270×545×1710
	Net Weight	kg	175/190	176/191
	Air Flow Volume	m³/h	6000×2	6000×2
	Noise Level	dB(A)	58	58
Piping size	Liquid Side	mm(inch)	9.52(3/8)×2	9.52(3/8)×2
	Gas Side	mm(inch)	19.05(3/4)×2	19.05(3/4)×2
	Max. Length	m	50	50
	Max. Height	m	20	20
Stuffing Quantity	20/40/40H	set	9/20/20	9/20/20

★ Remark: The above designs and specifications are subject to change without prior notice. Final specifications please refer to technical specification provided by sales representative.

Compressor Condensing Unit

On/Off Series



Compressor Condensing Unit



Specification-R410A 50Hz ON/OFF

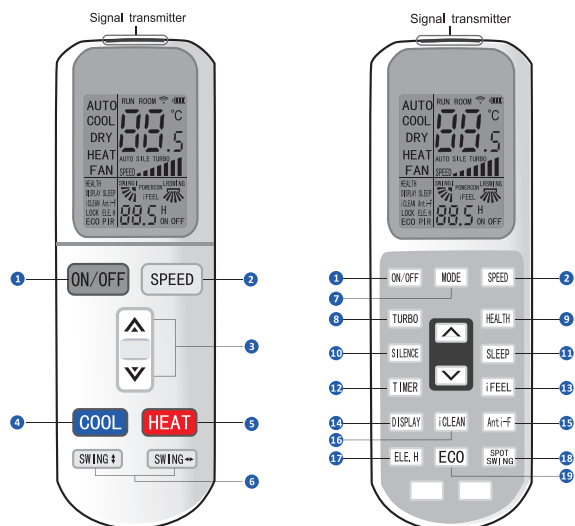
Model	CCU		ACCU-C24/4R1(A)	ACCU-C36/5R1(A)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	380~415,50,3
Capacity	Cooling	Btu/h	24000	36000
		kW	7	10.6
Performance	Air Flow Volume	CFM	1765	2265
		m ³ /h	3000	3850
	Noise Level	dB(A)	58	60
Dimension (W×D×H)	Net	mm	880*335*655	1044*409*803
	Packing	mm	945*435*725	1105*495*895
Weight	Net	kg	45	65
	Gross	kg	48.5	75
Stuffing Quantity	20/40/40H	Unit	93/198/198	40/96/144

Specification-R410A 50Hz ON/OFF

Model	CCU		ACCU-C48/5R1(A)	ACCU-C55/5R1(A)
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	380~415,50,3
Capacity	Cooling	Btu/h	48000	55000
		kW	14	16
Performance	Air Flow Volume	CFM	3412	3412
		m ³ /h	5800	5800
	Noise Level	dB(A)	60	60
Dimension (W×D×H)	Net	mm	940*364*1320	940*364*1320
	Packing	mm	1080*430*1440	1080*430*1440
Weight	Net	kg	95	99
	Gross	kg	105	109
Stuffing Quantity	20/40/40H	Unit	27/55/55	27/55/55

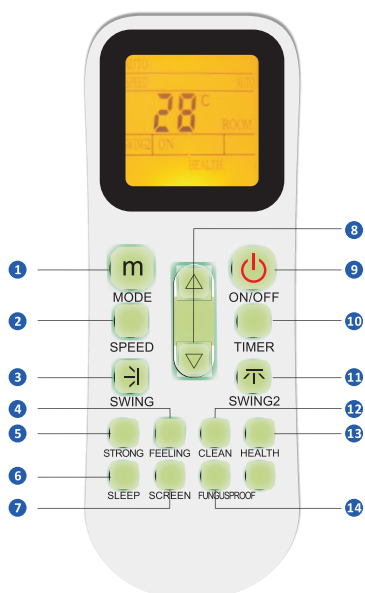
★ Remark: The above designs and specifications are subject to change of product improvement without prior notice.

Remote Controller



- | | |
|---|-------------------------------|
| 1 ON/OFF | 11 Sleep Function |
| 2 Fan Speed Setting
HIGH/MED/LOW/AUTO | 12 Timer On/Off |
| 3 Temperature-Setting
/Timer Range Setting | 13 I Feel Function |
| 4 Cooling Mode | 14 LED Display On/Off |
| 5 Heating Mode | 15 Anti-fungus Function |
| 6 Vertical Swing/Horizontal Swing | 16 Clean Function |
| 7 Mode Setting
AUTO/COOL/DRY/HEAT/FAN | 17 Auxiliary Electric Heating |
| 8 Turbo Wind | 18 Spot Swing |
| 9 Health Function | 19 Economic Function |
| 10 Silence Function | |

YK-L

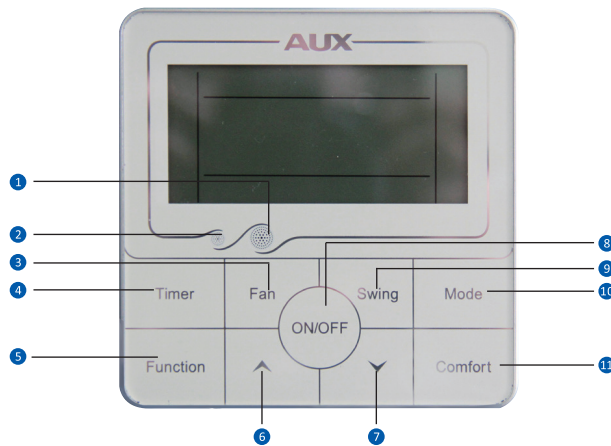


- | | |
|--|---|
| 1 Mode Setting
AUTO/COOL/DRY/HEAT/FAN | 8 Temperature-Setting
/Timer Range Setting |
| 2 Fan Speed Setting
HIGH/MED/LOW/AUTO | 9 ON/OFF |
| 3 Vertical Swing | 10 Timer On/Off |
| 4 Feeling Function | 11 Horizontal Swing |
| 5 Strong Wind | 12 Clean Function |
| 6 Sleep Function | 13 Health Function |
| 7 LED Display On/Off | 14 Fungusproof Function |

YK-K

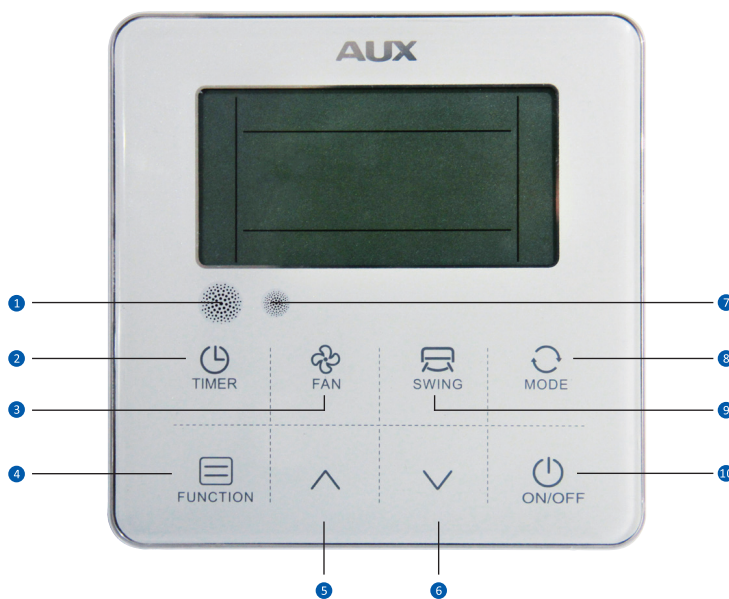
Wired Controller

XK-04 (86x86mm)



- ① Remote Signal Receiver
- ② Photosensitive sensor receiver
- ③ Fan Button
- ④ Timer Button
- ⑤ Function Button
- ⑥ "+" Button
- ⑦ "-" Button
- ⑧ ON/OFF Button
- ⑨ Swing Button
- ⑩ Mode Button
- ⑪ Comfort Button

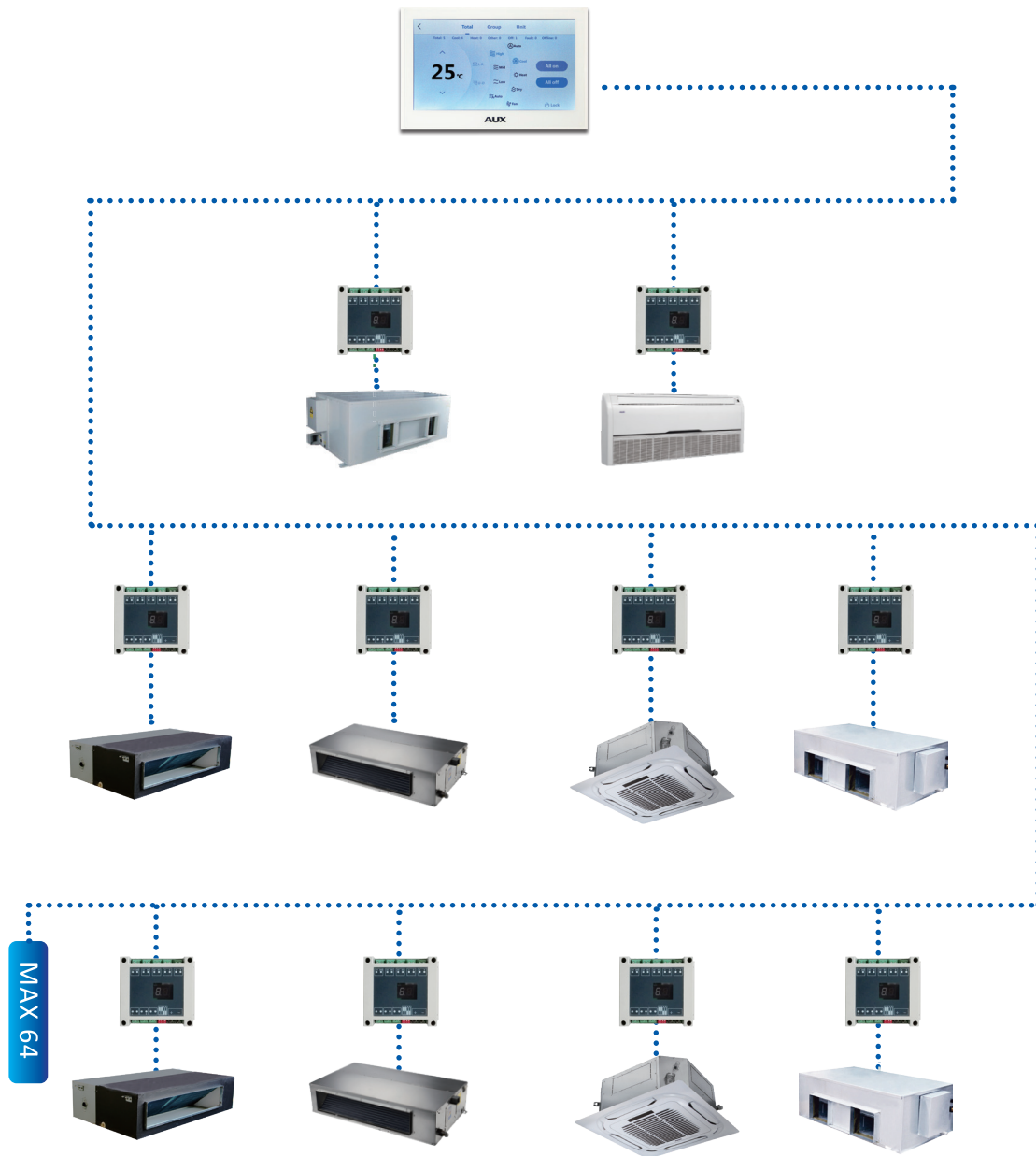
XK-05 (120x120mm)



- ① Remote Signal Receiver
- ② Timer Button
- ③ Fan Button
- ④ Function Button
- ⑤ "+" Button
- ⑥ "-" Button
- ⑦ Photosensitive sensor receiver
- ⑧ Mode Button
- ⑨ Swing Button
- ⑩ ON/OFF Button

★ Remark: The above wired controllers all use 485 communication protocol.

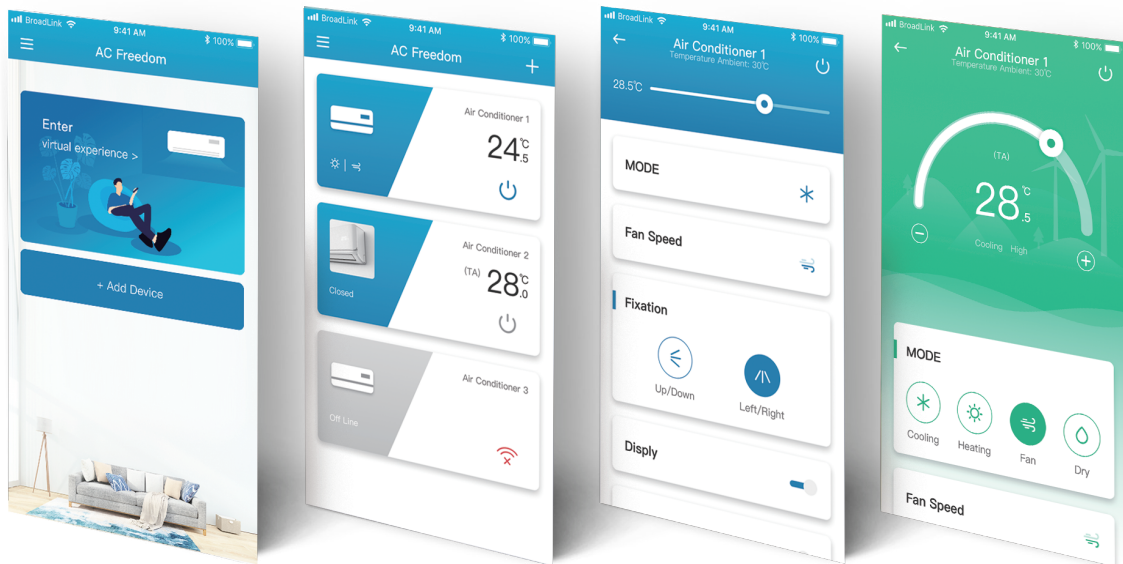
Central Control of Light Commercial



- 1.TPC7062KS can be used to centrally control up to 64 indoor units.
- 2.The indoor units can be divided into a maximum of 20 zones, each zone can be assigned no more than 64 units. You can set the indoor units of same zone in the same operation mode (default is "no zone").
- 3.Weekly schedule: TPC7062KS can include up to 64 indoor units in the weekly schedule, users can select the desired running mode and room temperature. The operation object can be a single indoor unit, a zone or all the indoor units.
- 4.TPC7062KS can display the error codes and running status of indoor unit, so users can easily identify faults via checking the error codes table in user's manual.

Wireless Network Control System

▼ Mixed connected with other indoor units

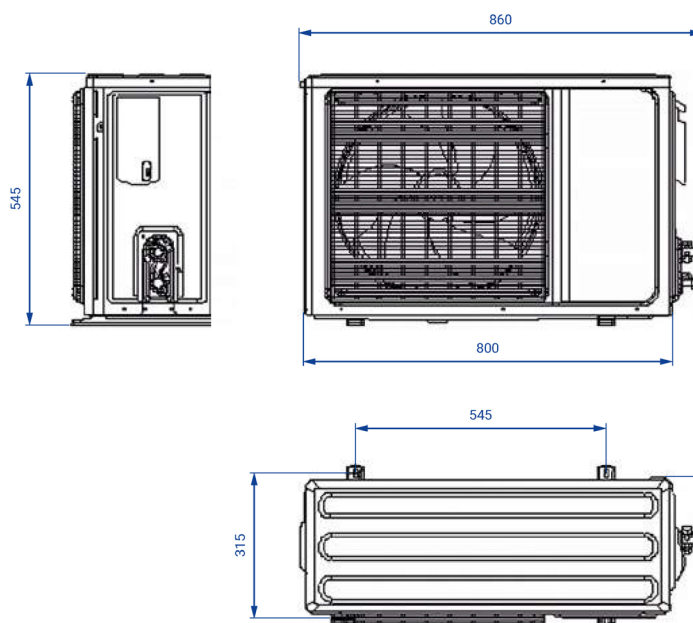


▼ Features

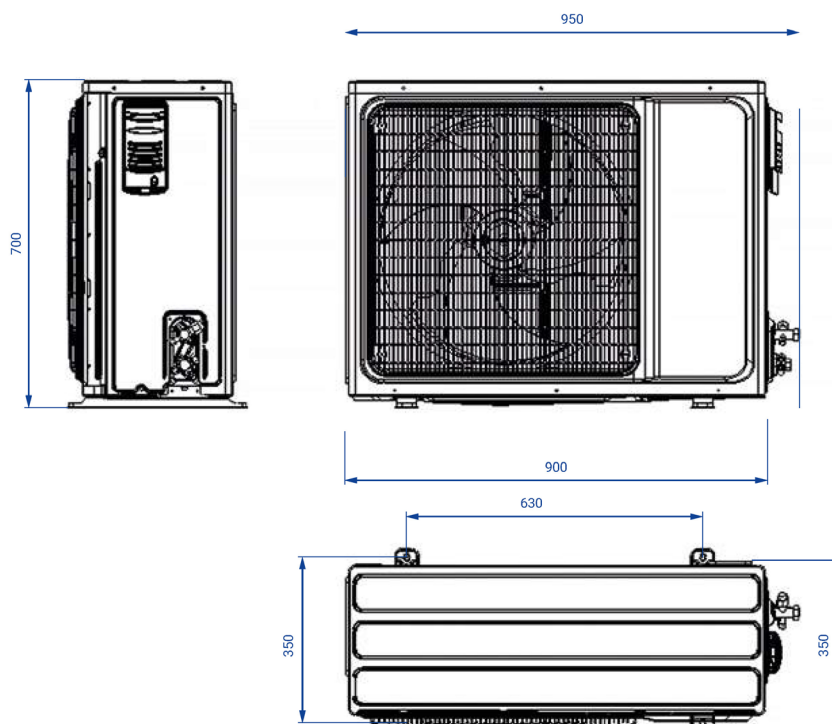
1. AUX air conditioner can connect to intelligent terminal through WIFI or GPRS network, customers can enjoy fun and convenience of remote to control the AC via iphone, ipad and other mobile terminals(Android and IOS) at anytime and anywhere.
2. The function of software on Mobile terminal includes mode control, temperature control, swing control, timing control.
3. Customers can set schedule to plan their day, also the scene mode can be set conveniently.

Venkovní jednotky CAC

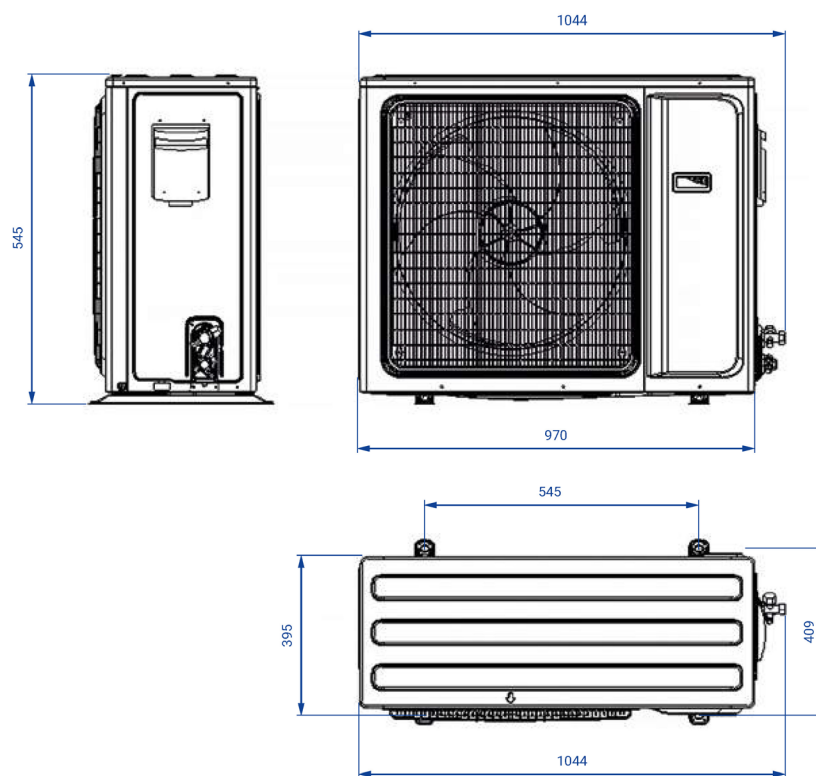
12K, 18K



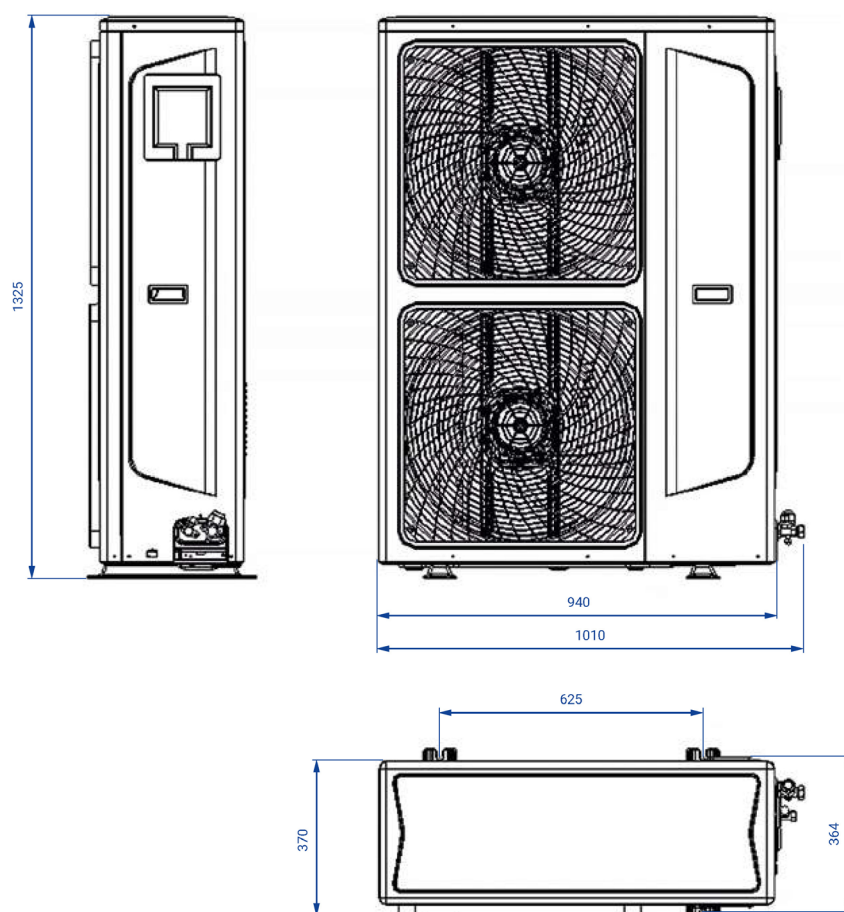
24K



30K, 36K, 42K



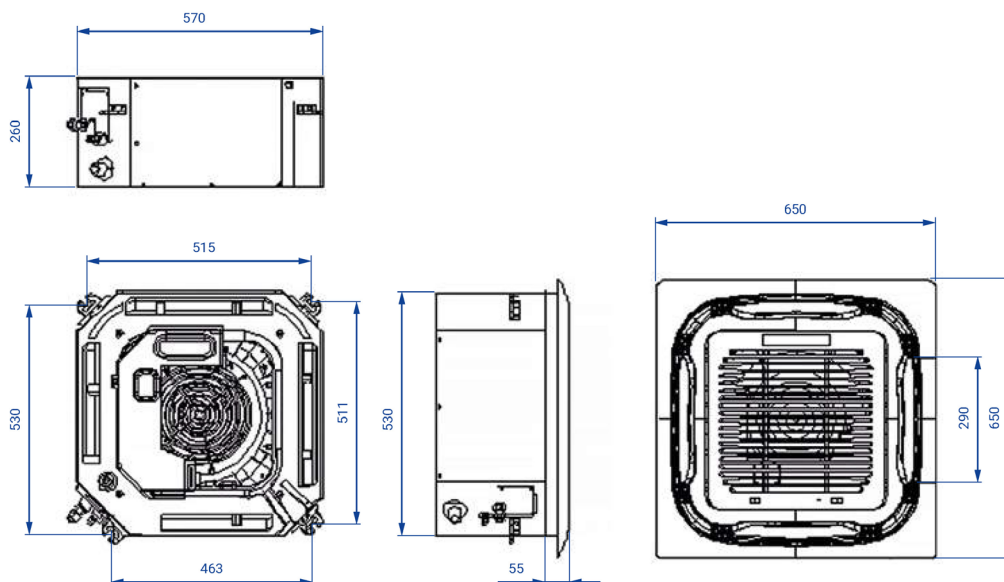
48K, 60K



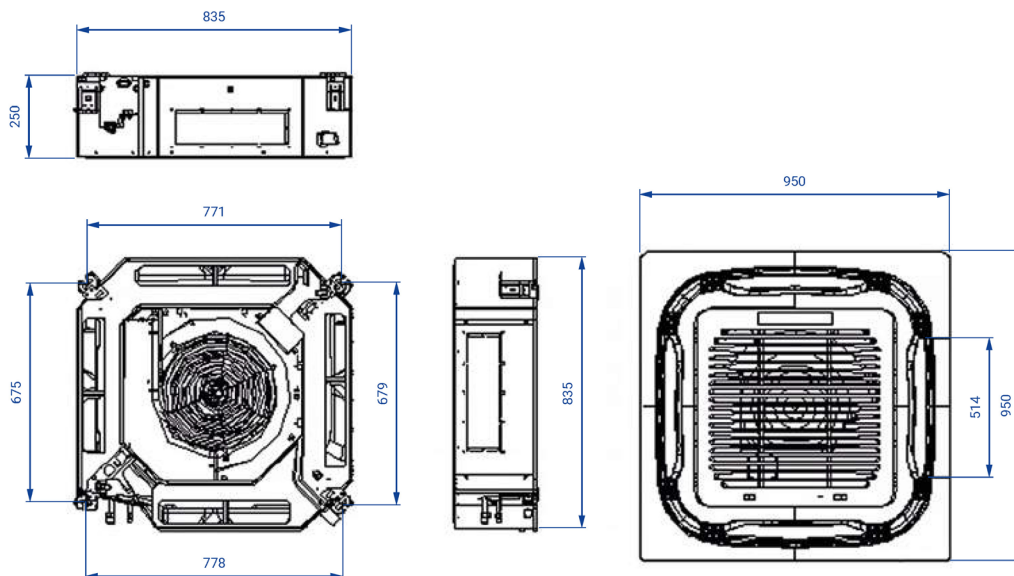
Kazetové jednotky

Série ALCA

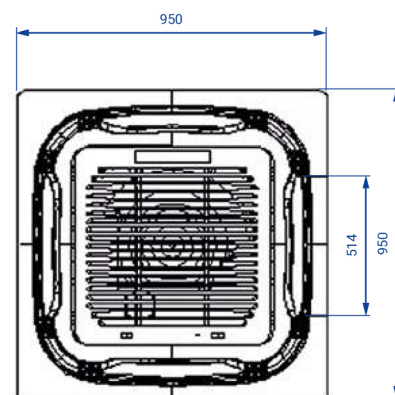
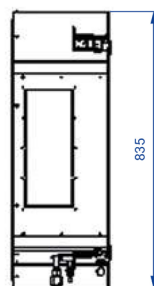
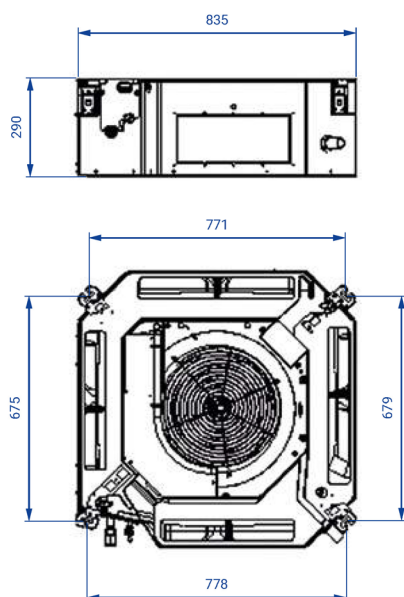
12K, 18K



24K



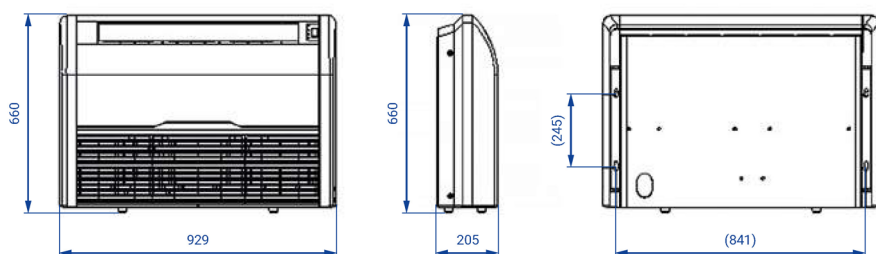
36K, 42K, 48K, 60K



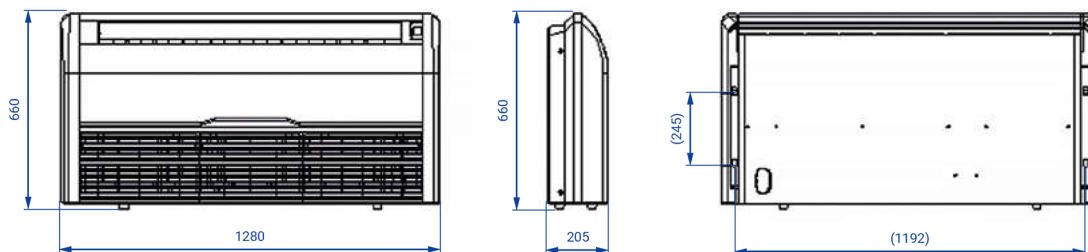
Podstropně parapetní jednotky

Série ALCF

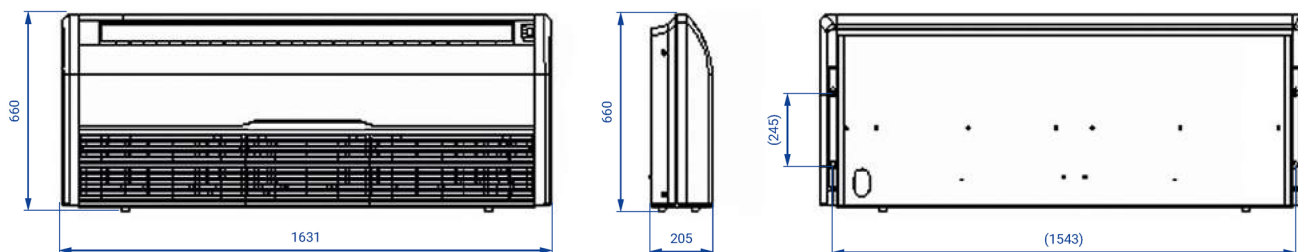
18K



24K



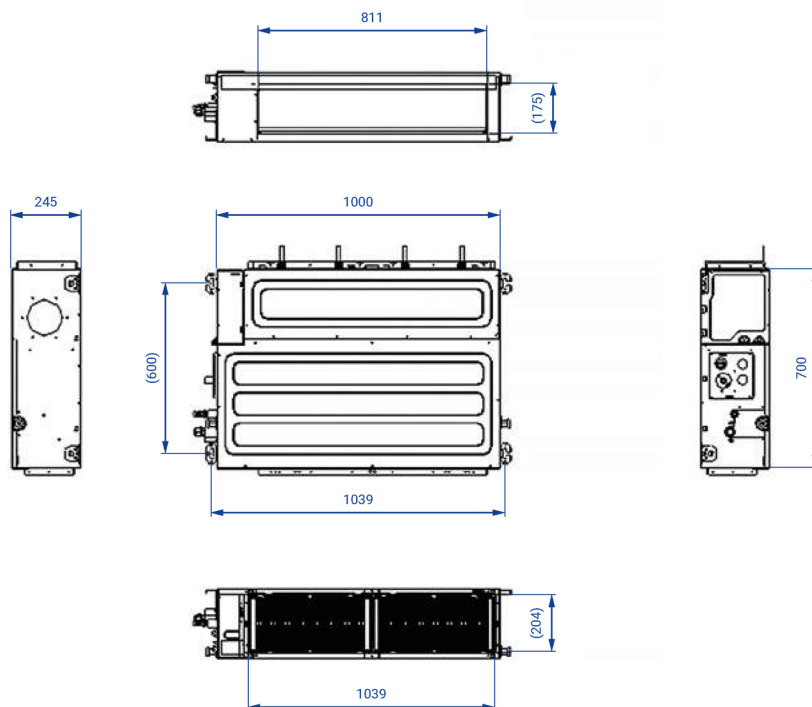
36K, 42K, 48K, 60K



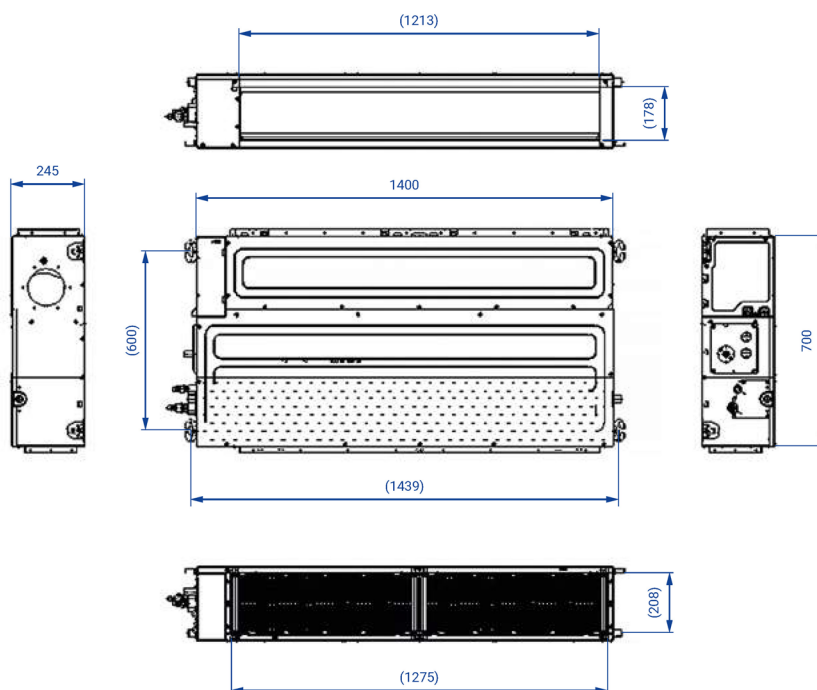
Kanálové jednotky

Série ALMD

18K, 24K



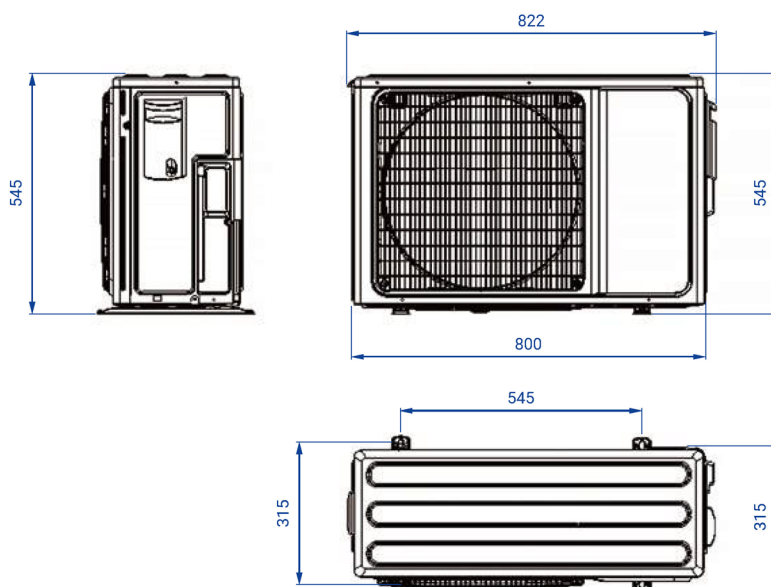
30K, 36K, 42K, 48K, 60K



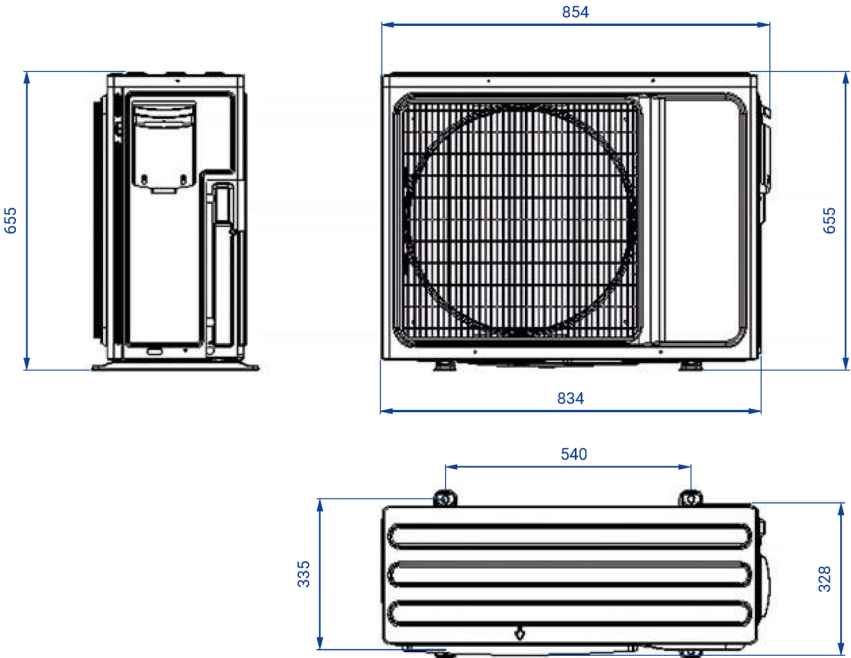
Venkovní jednotky FREE MATCH



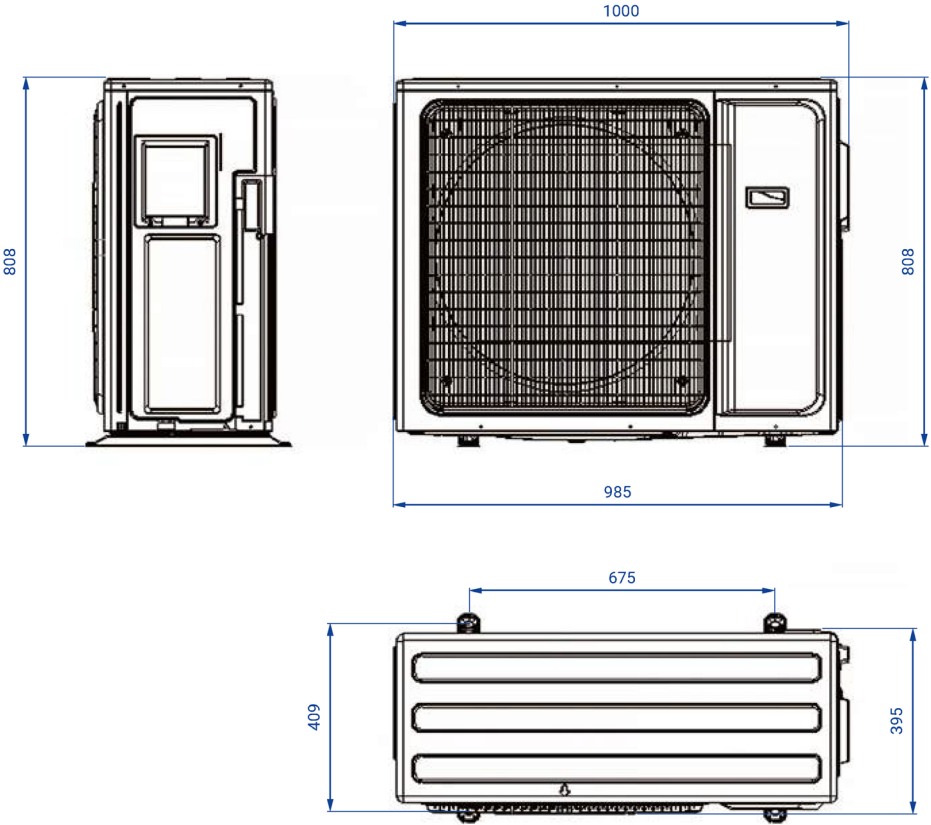
14K, 18K



21K, 27K



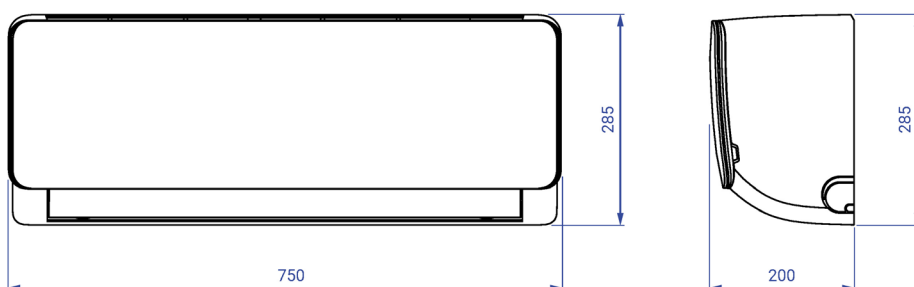
36K, 42K



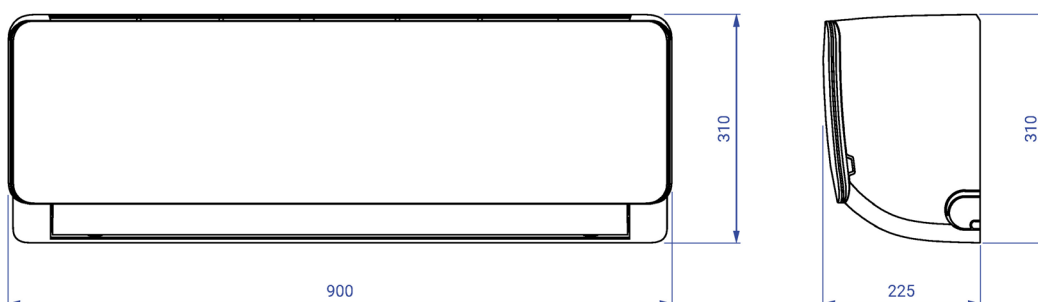
Freedom

Série F

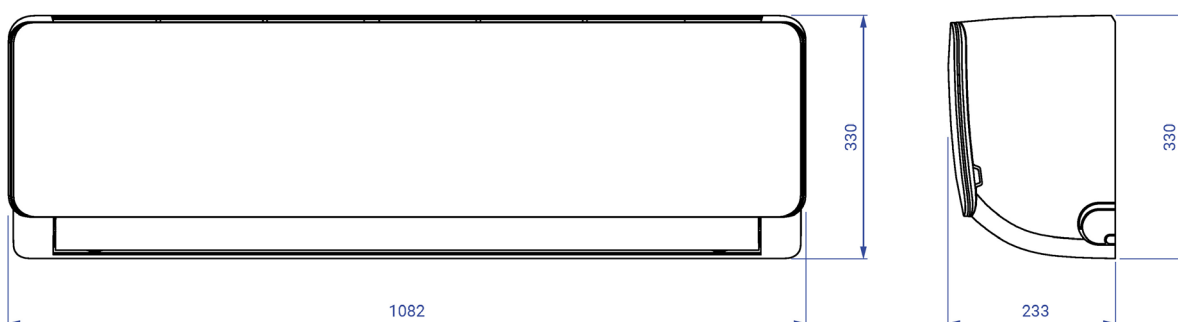
7K, 9K, 12K



18K



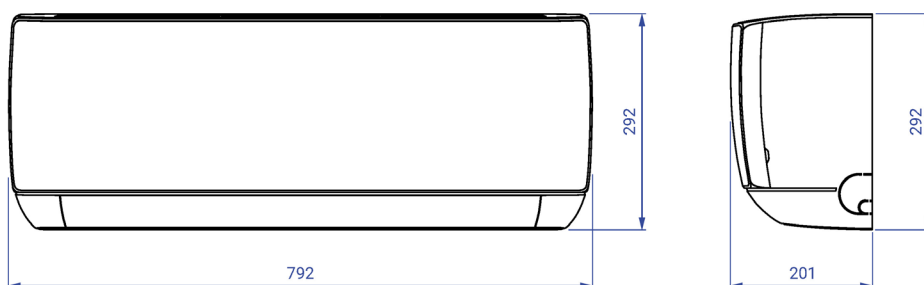
24K



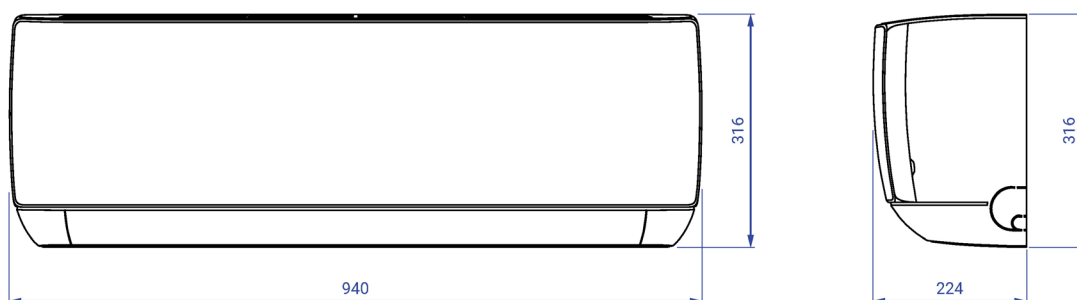
J-Smart

Série J

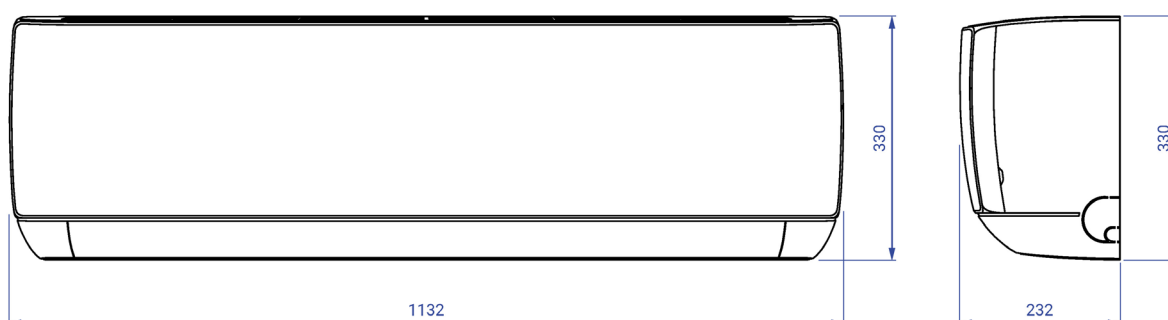
7K, 9K, 12K



18K



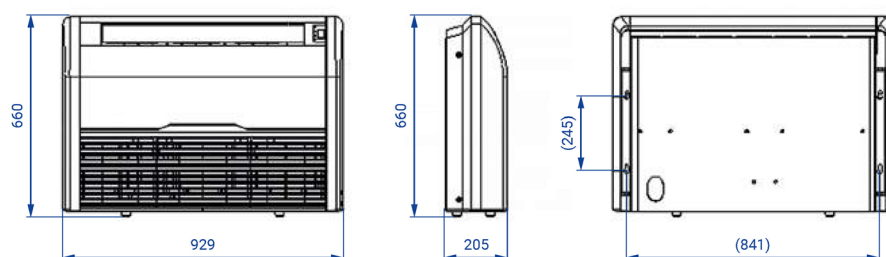
24K



Podstropně parapetní jednotky

Série AMCF

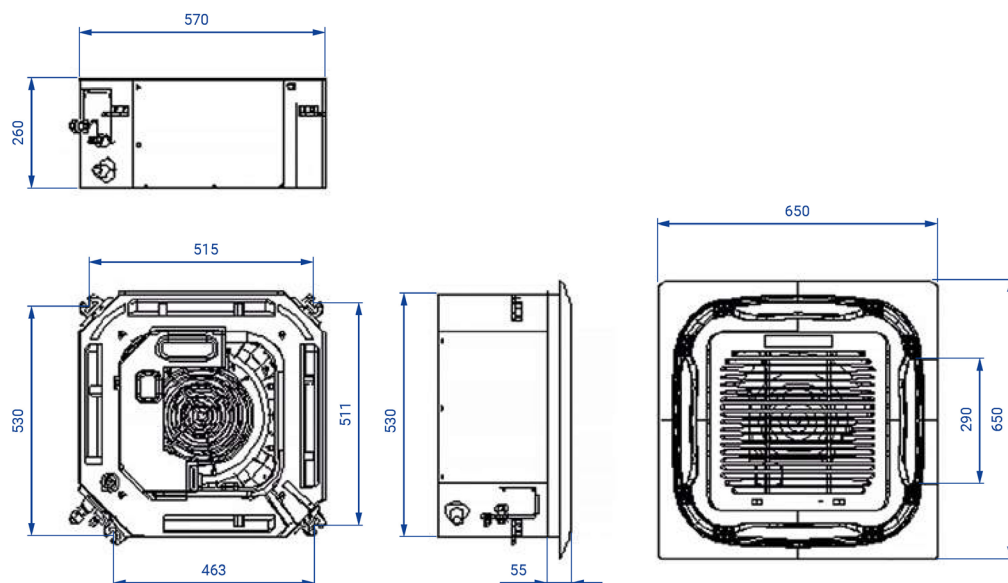
9K, 12K, 18K



Kazetové jednotky

Série AMCA

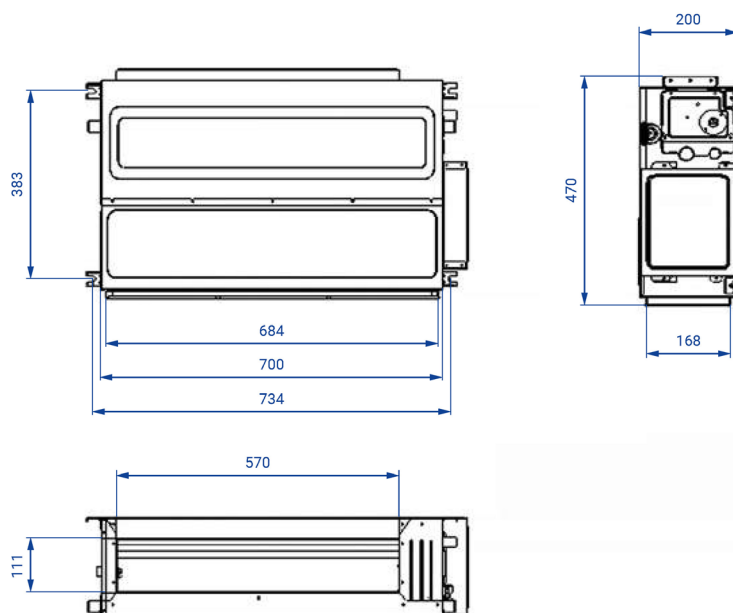
9K, 12K, 18K



Kanálové jednotky

Série AMSD

7K, 9K, 12K



18K

