AUX

AIR CONDITIONING

MINI VRF

AUSTRALIA

2025

VEU Approved

GROUP PROFILE

Established in 1986, AUX Group is an enterprise group which covers several industries: air conditioning, power utilization, power distribution, new energy and medical service. For many years it has ranked China's top 500 enterprises.

In 2024, the group' s revenue reached $12.55 billion USD, with total assets of $9.75 billion USD, profit and tax exceeding $1.39 billion. It has over 40,000 employees, 15 manufacturing bases in Ningbo (5) , Nanchang, Ma' anshan, Zhengzhou, Wuhu, Brazil, Indonesia, Thailand, Poland, Germany and Mexico, and 7 R&D centers worldwide. AUX is a leading producer of Smart Meter and Power Box in its sector. Currently, it has invested and operated 50 hospitals.

It owns 2 listed companies (601567.SH,02080.HK). As a National-Recognized Enterprise Technology Center, a Technology Innovation Model Enterprise, National Intellectual Property Demonstration Enterprise and a National Post-doctoral Workstation, it owns two globally famous brands: AUX and Sanxing, which are worth over $7.79 billion USD ①.

While pursuing its development, AUX also cares about performing its social responsibilities. In the past years, we have donated $43.78 million USD 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 “Leading smart living and cultivating great talents”, and work hard to achieve the strategic goal of “100 billion market value, 100 billion revenue and 10 billion profit”.

Ref. AUX Group Official Website: https://en.auxgroup.com
Annotation: ①The data originates from World Brand Lab

STARTUP&DEVELOPMENT (1986-2024)

1986

Founded in Longguan Village, China

1989

In 1989, it entered the electric meter industry and later established the Sanxing brand.

1994

Enterted the air-conditioning industry and created the brand of AUX

2006

Entered the medical industry and opened Ningbo Mingzhou Hospital

2013

Built a financial center in Shanghai to start the finance lease business

2015

Built overseas plants in Brazil and Indonesia

2018

Dedicated to making AUX Japanese R&D Center a global home appliance R&D highland

2021

Built overseas plants in Poland

2021

Became the official exclusive supplier of air conditioners for the 19th Asian Games Hangzhou 2022

2023

AUX Voice Control Air conditioning II was honored with Sullivan Certification: it ranked NO.1 globally in smart voice-controlled air conditioner sales in 2023

2024

AUX was ranked as China private enterprise top 500(No.113)

INTELLIGENT MANUFACTURING

15 Manufacturing Bases

7 Research Centers

Exported to **150+** countries and regions
over **400** cooperative customers

Covers several industries: air conditioning, power utilization, power distribution, new energy, and medical service

Public welfare donation
43.98 million USD

In 2024, the group sales reached 12.55 billion USD
with over 40,000 employees

HONOR AND CERTIFICATIONS

RED DOT DESIGN AWARD

IF DESIGN AWARD

DEMONSTRATION ENTERPRISE

NATIONAL INDUSTRIAL DESIGN CENTER

INTERNATIONAL DESIGN EXCELLENCE AWARDS

ETL

CE

EAC

AHRI

CB

ESMA

SASO

ROHS

EUROVENT

ARV-H180/NR1B-AU
ARV-H200/NR1B-AU
R410A Mini VRF

Energy Saving | Wide Operation Range | Long Piping | High Capacity Ratio | Refrigerant Cooling

FEATURES

Golden Fin

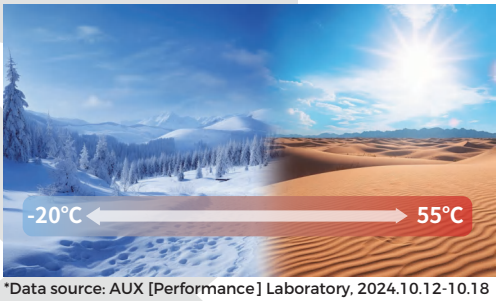
Equipped with a gold finned heat exchanger to enhance the corrosion resistance

Panasonic Inverter Compressors

Panasonic Compressors are compact, lightweight and utilize the most cutting edge technology, making them highly efficient and reliable

Wide Temperature Range

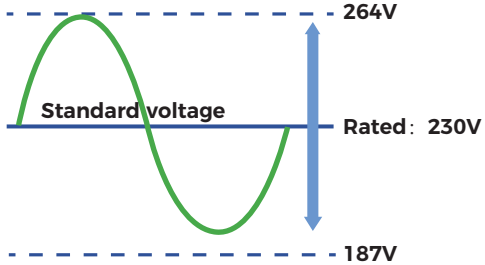
Cooling : -15°C~55°C
Heating : -20°C~24°C



*Data source: AUX [Performance] Laboratory, 2024.10.12-10.18
Report number: PZJXS241009003-03 B7-30HP1

Wide Voltage Range

Operate at a voltage ranging from 187V and 264V to adapt to unstable voltage conditions, protecting the PCB against power surges



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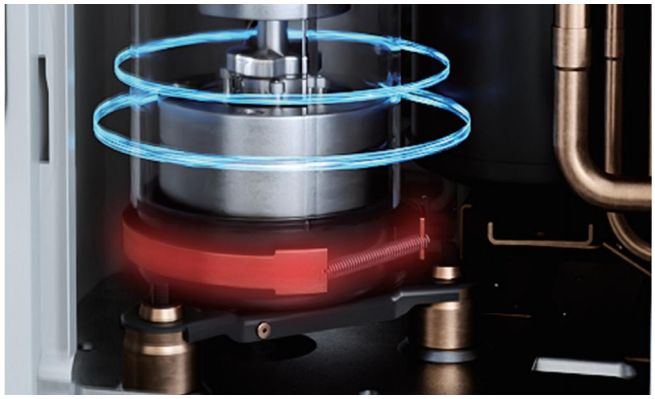
Refrigerant Cooling Technology

Reduce the operation temperature of PCB. Prevent the PCB from overheating to make sure it can run stably, also prolong its service life

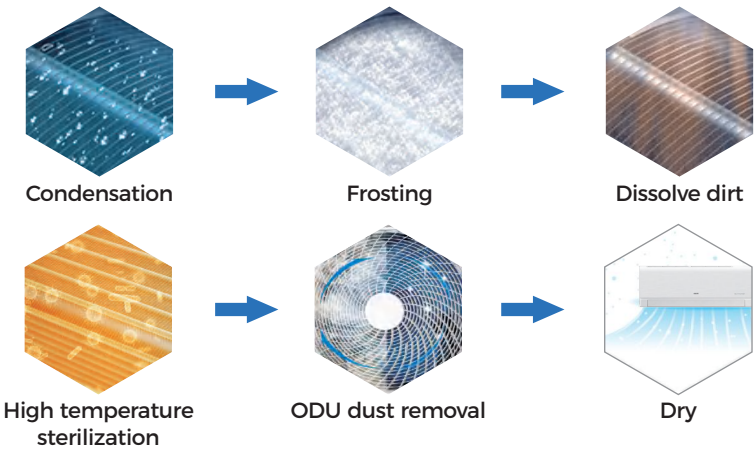
Auxiliary Heating Belt

Auxiliary heating belt can increase compressor oil temperature in the winter, make sure oil not freeze to protect compressor



Auto cleaning 57 ℃ high temperature sterilization

Clean off dust and dirt from the surface of the evaporator to reduce bacterial



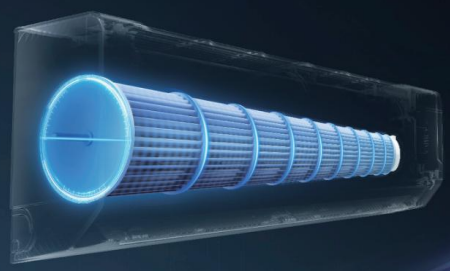
*Data source: CVC Laboratory, 2023.02.24
Report number: WTS2023-0156

High Airflow

Long-Distance Air Supply, Sufficient Cold Air
Our air conditioners offer superior airflow volume, providing greater comfort

Performance

Cooling and Heating
Larger wind motor and fan



Convenience

WIFI and App Control
Easily use the app from anywhere to adjust the temperature
Come home to a cool home

Specifications

Outdoor Unit

Model			ARV-H180/NR1B-AU	ARV-H200/NR1B-AU
Power Supply		V~,Hz,Ph	220-240V~50/60Hz	220-240V~50/60Hz
Cooling	Capacity	kW	18.1	20
	Input	kW	3.9	4.6
Heating	Capacity	kW	21.5	24.1
	Input	kW	4.7	4.8
Connected indoor unit		capacity	60-130% of outdoor unit capacity	60-130% of outdoor unit capacity
Ambient Temperature Range(Cooling/Heating)		℃	-15~55/-20~24	-15~55/-20~24
Noise Level		dB(A)	57	61
Refrigerant type/ Quantity	Type	/	R410A	R410A
	Charged Volume	kg	5.00	6.2
Refrigerant Piping	Liquid Side	mm	9.52(3/8)	12.7(1/2)
	Gas Side	mm	19.05(6/8)	22.22(7/8)
	Max. Length	m	150	250
	Max. Heigth	m	50	50
Dimension(W×D×H)	Net	mm	940*340*1320	1120×400×1540
	Packing	mm	1080*430*1440	1270×560×1710
Weight	Net	kg	90	138
	Gross	kg	100	154

Indoor Unit

Model			ARVWM-H022/ NR1DC2	ARVWM-H028/ NR1DC2	ARVWM-H036/ NR1DC2	ARVWM-H045/ NR1DC2
Power Supply		V~,Hz,Ph	220-240~,50/60Hz,1	220-240~,50/60Hz,1	220-240~,50/60Hz,1	220-240~,50/60Hz,1
Capacity	Cooling	kW	2.2	2.8	3.6	4.5
	Heating	kW	2.8	3.4	4.2	5.2
Indoor Unit	Indoor Air Flow	m3/h	545/460/435	545/460/435	545/460/435	815/685/590
	Noise Level	dB(A)	37/34/32	37/34/32	37/34/32	41/35/30
	Net Dimension (W×D×H)	mm	834×299×202	834×299×202	834×299×202	997×312×222
	Packing Dimension (W×D×H)	mm	891×371×282	891×371×282	891×371×282	1070×385×327
	Net Weight	Kg	9.5	9.5	9.5	12
	Gross Weight	Kg	11.5	11.5	11.5	15
Refrigerant Pipe	Liquid Side	mm	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)
	Drainage	mm	R1/2in(DN16)	R1/2in(DN16)	R1/2in(DN16)	R1/2in(DN16)
Operation Temperature Range		℃	16~32	16~32	16~32	16~32

Model			ARVWM-H056/NR1DC2	ARVWM-H071/NR1DC2	ARVWM-H080/NR1DC2
Power Supply		V~,Hz,Ph	220-240~,50/60Hz,1	220-240~,50/60Hz,1	220-240~,50/60Hz,1
Capacity	Cooling	kW	5.6	7.1	8
	Heating	kW	6.4	8.3	9.3
Indoor Unit	Indoor Air Flow	m3/h	815/685/590	1250/1130/990	1250/1130/990
	Noise Level	dB(A)	41/35/30	45/42/38	45/42/38
	Net Dimension (W×D×H)	mm	997×312×222	1250×360×253	1250×360×253
	Packing Dimension (W×D×H)	mm	1070×385×327	1325×440×362	1325×440×362
	Net Weight	Kg	12	17.5	17.5
	Gross Weight	Kg	15	21.0	21.0
Refrigerant Pipe	Liquid Side	mm	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm	12.7(1/2)	15.88(5/8)	15.88(5/8)
	Drainage	mm	R1/2in(DN16)	R1/2in(DN16)	R1/2in(DN16)
Operation Temperature Range		℃	16~32	16~32	16~32

Remarks:
1.Data may change according to test surroundings, AUX reserves right of explanation on data
2.All specifications are subject to change by the manufacturer without prior notice

VEU Rebates

Victorian Energy Upgrades (VEU) Program			
The Victorian Energy Upgrade (VEU) program helps households and businesses reduce energy bills and greenhouse gas emissions by providing financial incentives for installing energy-efficient equipment and appliances. AUX's mini VRF provides energy-saving products to assist in the implementation of VEU			
VEU Climatic Region	Cooling capacity(kW)	Heating capacity(kW)	VEECs(res)
			2025
For upgrades in Metropolitan Victoria-Climatic region mild	18.1	21.5	94
For upgrades in Regional Victoria-Climatic region mild	18.1	21.5	94

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VEU Climatic Region	Cooling capacity(kW)	Heating capacity(kW)	VEECs(res)
			2025
For upgrades in Metropolitan Victoria-Climatic region mild	20	24.1	107
For upgrades in Regional Victoria-Climatic region mild	20	24.1	107

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