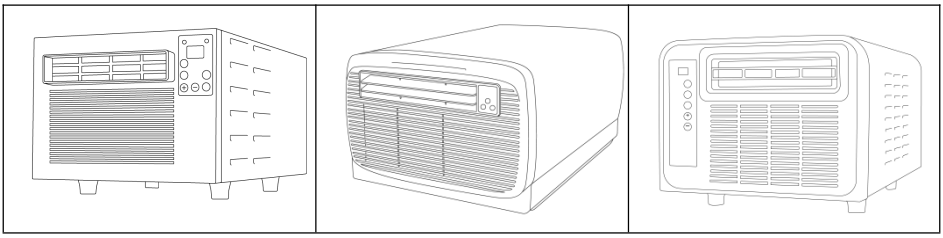
Portable Air Conditioner
Model: A01, B01, C01



FOREWORD

Thank you for purchasing this portable air conditioner. Please read the entire manual carefully before use. This manual serves as a general guide for operation of your portable air conditioner. Please note that some details may differ slightly from your specific model. However, the basic functions and safety guidelines outlined here will apply to your unit. While your machine may vary in certain aspects such as available modes or control panel layout, the fundamental operation and use should be consistent with what is described. Please take a few minutes to read through the manual fully and familiarize yourself with the features of your portable air conditioner before use. Refer closely to your unit itself to identify any variations from what is shown. Enjoy your new portable air conditioner!

NOTICE：

1.Do not use sockets that are of poor quality or unsuitable. The socket must be compatible with the voltage of this product. Do not use any extension cords.

2.Do not use the machine in the following situations:

A. Near fire sources

B. Where splashing may occur

C. In direct sunlight

D. Where water splashing may occur

Near bathrooms, showers, swimming pools.

3.Do not insert fingers or other objects into the vents. Ensure children are aware of these hazards.

4.Place the compressor correctly by following the orientation indicated on the original packaging.

5.Disconnect power before cleaning the machine.

6.Do not move the product while it is operating. To move the air conditioner, first turn it off, unplug it, and move it slowly. Do not pull on the power cord to move the unit.

7.Do not cover the machine to avoid fire hazards.

8.Install the air conditioner according to national wiring codes and use power supplies meeting electrical safety standards.

9.Disconnect power during thunderstorms.

10.Do not turn off the air conditioner by pulling the power plug directly.

11.Stop operation and disconnect power if any abnormal conditions occur, such as burning smells. Have an electrician check the circuit if necessary.

12.Minors should use under adult supervision and not for play.

13.This product is not intended for minors, disabled, mentally ill or handicapped persons without supervision.

14.14.Fuse type and parameters: 250VAC,2A

15.Please read and follow the regulations below carefully before operating the machine to ensure personal safety and prevent damage.

16.Do not attempt to defrost or clean any frosted parts if the machine is malfunctioning.

17.Unplug the power supply before performing any maintenance or cleaning.

18.Do not use or place the machine in a room containing natural gas, gasoline or sulfur, or near heat sources.

19.When not in use for extended periods, unplug the power plug and store the appliance at least 50cm away from flammable materials (such as alcohol) or pressurized containers (such as aerosol cans). Do not cover it with plastic bags.

20.Ifthepowercordisdamaged,itmustbereplacedbythemanufactureroranauthorizedserviceprovidertoavoidsafetyrisks.

21.Shutdownthemachine,disconnectthepowerandcontactaqualifiedrepairshopimmediatelyifany componentsmalfunctionorbecomedamaged.

22.Theplugmustbegroundedandthepowersupplyequippedwithaleakagecircuitbreaker.

23.Donotmodifyorreplacethepowercordyourselforconnectittootherappliances withoutauthorization. 24.Keepairvents clearanddonotobstructventilation.

Refrigerant

R290 refrigerant is odorless and more environmentally friendly with higher efficiency than traditional refrigerants. However, R290 is a flammable and explosive gas. To ensure safety, please avoid open flames near the appliance and place it in a well-ventilated location. If maintenance is required, only qualified technicians with the proper equipment should perform service work after conducting a safety inspection.

For more details on repair services, please contact your authorized service provider.

Warning:

This machine adopts hydrocarbon refrigerant, which is flammable and explosive gas:

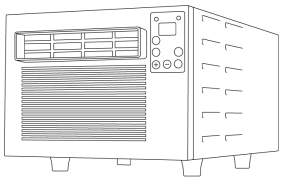
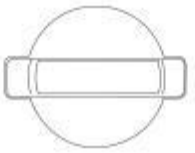
R290

WHAT'S IN THE BOX

1 Product Introduction

1.1 Product Overview

- The power supply of this product is 120VAC.
- This product working mode: cooling mode,dehumidification mode, air supply mode.
- This product is composed of motherboard, remote control, display panel, sensor, compressor, internal and external motor, etc.
- This product has anti-freezing protection and compressor 3 minutes protection, fault protection, power failure memory and other functions.
- This product defaults to the factory in degrees Celsius.

NO.	PICTURE	NAME	QTY
1		A01, B01, C01	1
2		Adapters	1
3		Drainpipe	1
4		Exhaust ducts	1
5		Remote control	1
6		Instructions	1

1.2 Technical data

Product name			110V AC Portable air conditioner		
Product Type			A01	B01	C01
Rated voltage/frequency			110V~60Hz	110V~60Hz	110V~60Hz
Capability and performance parameters	Refrigerating capacity		550W	650W	750W
	Heating capacity				300W
	Rated current	Rated working condition	2.5A	2.5A	3A
	Refrigerating power		280W	280W	280W
	Heating power				300W
	Maximum input current		4A	4A	5A
	Maximum input power		440W	440W	440W
	Maximum working pressure on suction/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum allowable pressure on suction side/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum working pressure of heat exchanger		2.6 MPa	2.6 MPa	2.6 MPa
	Circulating air volume		80m3/h	80m3/h	100m3/h
Refrigerants			R290/100g	R290/100g	R290/100g
Category of protection against electric shock			Class I	Class I	Class I
Noise			<45dB(A)	<45dB(A)	<45dB(A)
Body size			460×285×230mm	460×285×230mm	448×295×213mm
Net weight of unit			12kg	12kg	12kg
Minimum room area			1m²		

Product name			220V AC Portable air conditioner		
Product Type			A01	B01	C01
Rated voltage/frequency			220V~50Hz	220V~50Hz	220V~50Hz
Capability and performance parameters	Refrigerating capacity		550W	650W	750W
	Heating capacity				300W
	Rated current	Rated working condition	1.5A	1.5A	1.5A
	Refrigerating power		280W	280W	280W
	Heating power				300W
	Maximum input current		2A	2A	2A
	Maximum input power		440W	440W	440W
	Maximum working pressure on suction/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum allowable pressure on suction side/exhaust side		0.6/2.6 MPa	0.6/2.6 MPa	0.6/2.6 MPa
	Maximum working pressure of heat exchanger		2.6 MPa	2.6 MPa	2.6 MPa
	Circulating air volume		80m3/h	80m3/h	100m3/h
Refrigerants			R290/100g	R290/100g	R290/100g
Category of protection against electric shock			Class I	Class I	Class I
Noise			<45dB(A)	<45dB(A)	<45dB(A)
Body size			460×285×230mm	460×285×230mm	448×295×213mm
Net weight of unit			12kg	12kg	12kg
Minimum room area			1m²		

Voice control commands

Power on/off:

hello air conditioner|hello xiao Y

turn on|turn on the air conditioner
open air conditioner

turn off|turn off the air conditioning
close air conditioner

Set Temperature:

turn up the temperature

lower the temperature

sixteen degrees

seventeen degrees

eighteen degrees

nineteen degrees

twenty degrees

twenty one degrees

twenty two degrees

twenty three degrees

twenty four degrees

twenty five degrees

twenty six degrees

twenty seven degrees

twenty eight degrees

twenty nine degrees

thirty degrees

thirty one degrees

thirty two degrees

Setup Mode:

cooling mode|cold mode

supply air mode

dehumidification mode

sleep mode

low speed|low wind|low speed wind

medium range wind|medium speed wind
|medium range wind speed

high grade wind|high speed wind|high
wind|high grade wind speed

stop free drainage

wind increase

wind speed reduction

Function:

set mute

cancel mute

voice navigation

enable voice control

reduce the volume

increase volume

turn off voice control

To cancel a schedule:

timing one hour

timing two hours

timing tree hours

timing four hours

timing five hours

timing six hours

timing seven hours

timing eight hours

timing nine hours

timing ten hours

timing eleven hours

timing twelve hours

cancel an appointment

book an hour

two hour appointment

three hour appointment

four hour appointment

six hour appointment

seven hour appointment

eight hour appointment

nine hour appointment

ten hour appointment

eleven hour appointment

twelve hour appointment

voice navigation:

voice navigation

timing thirteen hours

timing fourteen hours

timing fifteen hours

timing sixteen hours

timing seventeen hours

timing eighteen hours

timing nineteen hours

timing twenty hours

timing twenty one hours

timing twenty two hours

timing twenty three hours

timing twenty four hours

thirteen hour appointment

fourteen hour appointment

fifteen hour appointment

sixteen hour appointment

seventeen hour appointment

eighteen hour appointmentnineteen hour appointment

twenty hour appointmenttwenty one hour appointmenttwenty two hour appointmenttwenty three hour appointmenttwenty four hour appointment

2 Key instructions

2.1 "Switch" Button
Press the "Switch" Button to turn the machine on from standby mode. Press it again to enter standby mode while it is running.

2.2 "Mode" Button
Press the "Mode" button to cycle between "Cooling", "Sleep", "Dehumidification" and "Air Supply" modes.

3. "Wind Speed" Button
Press the “Wind Speed” button in cooling and air supply modesto switch the internal fan speed between high, medium and low. This button is disabled in sleep and dehumidification modes.

4. "+/-" Button
In cooling and sleep modes, press the "+/-" buttons to adjust the set temperature. Press both buttons simultaneously for 3 seconds to switch the temperature unit between Celsius and Fahrenheit.

5. "Drain" Button
When the water pump is running, press the "Drain" button to stop it. Press again to restart the water pump. Ensure the drainpipe is connected before stopping to avoid overflow.

6. "Timer" Button
This button is only available on the remote control, not the display panel. When turning on, press “Timer” to set shutoff timing. Use [+] and [-] to adjust the shutoff time. When in standby, press “Timer” to set startup timing and adjust with [+] and [-]. Some models may not have this function.

3 Description of Protection

3.1 Compressor Protection
The compressor does not need to wait 3 minutes to restart in the following situations:

- After the first power-on
- After power-on from standby state before power-off
- After power-on from powered-on state before power-off

The compressor must run for at least 3 minutes after starting. It will not stop until 3 minutes have passed even if shutdown conditions are met, except for forced shutdown.

3.2 Fault protection

Serial number	Fault name	Failure code 。tatic display	Fault description	Fault handling	Description
1	Indoor ambient tempera ture failure	E1	Sensor open or shorted	Shutdown	The query displays

Note 1: Press and hold the wind speed button and - button for 2 seconds to query and display faults. Press and hold the buttons again for 2 seconds to exit without saving faults to memory. Press and hold to query faults after power failure. Multiple concurrent faults will display in priority sequence.

3.3 Power-off memory

3.3.1 If in standby state before power-off, or timing shutdown is set after power-on, it will enter standby after powering on again.

3.3.2 If running before a power failure, it will resume the original mode, set temperature, fan speed, temperature unit, water pump switch etc. after power is restored.

4 Accessories

Component Illustration	Part name	QTY
	Air conditioning host	1
	Exhaust duct (optional)	1
	Remote controller	1
	Instructions	1
	DRAIN PIPE (INNER DIAMETER 7MM)	1
	Screw(M4*12)	1

5 User's notice:

1.After purchasing the machine, please place it in the direction of the arrow on the carton for two hours before initial startup. Allow at least 5 minutes between shutdown and restart.

2. Before use, distinguish the cold and hot air ends according to markings on the machine. The outlets above both ends are air outlets, while the inlets below are air inlets. Air outlets must never be blocked. Provide at least 60cm of unobstructed space for the hot air outlet. Maintain at least 10cm of clearance on both sides of the machine.

- The power supply meets standards.
- The outlet provides AC power.
- Do not share the socket with other appliances simultaneously.
- Power supply and voltage requirement: AC120V, 50Hz

This form complies with the provisions of SJ/T 11364.

O: Indicates that the concentration of hazardous substances in all homogeneous materials of this part is below the limits set in GB/T 26572.

X: Indicates that the concentration of at least one hazardous substance in one or more homogeneous materials of this component exceeds the limits set in GB/T 26572. However, it is currently impossible to make all parts completely free of the above substances due to technical constraints. Designs will continue to improve with technological progress.

6 Cleaning:

6.1 Statement:

- Before cleaning, please turn off the power supply and unplug the appliance to avoid danger.
- Do not use chemical solvents such as gasoline for cleaning.
- Do not wash directly with water.
- If the appliance is damaged, please contact your local dealer or service center.
- Filter Screen Cleaning

Clean the filter screen once a month. Method: Using a small Phillips screwdriver, loosen the fixing screws of the filter screen, remove the filter screen, immerse it in warm water mixed with neutral detergent at 40°C, clean any debris on the filter screen with a brush, air dry in a cool shaded area. Reinstall and tighten the screws.

6.2 Surface Cleaning

Wipe the surfaces with a mild detergent or alcohol on a damp cloth, then dry with a dry cloth.
Storage:
Seasonal Maintenance:

- Turn off the power and unplug.
- Wipe surfaces with a damp cloth and dry with a dry cloth.
- Coil the power cord.
- Tilt the appliance slightly to allow residual condensate in the appliance to drain for 30 minutes.
- Store in a dry ventilated area.

Warning: The storage room should be well ventilated with an area equal to that required for maintenance.

7 Maintenance Service:

This air conditioner uses flammable refrigerant and must be operated strictly according to procedural specifications by professionals, as there are inherent dangers.

Warnings:

- Do not use any method to accelerate defrosting or cleaning of frosted areas unless recommended by the manufacturer.
- Keep appliances away from continuously burning open flames (e.g. lit gas appliances) and ignition sources (e.g. electric heaters).
  Do not puncture or ignite.
- Note that the refrigerant maybe odorless.
- The area for appliance installation, maintenance and storage shall be greater than 10 square meters, and the area for operationshall be greater than 1.8 square meters.

Requirements for qualified maintenance personnel:

- Obtain a valid certificate from an industry-recognized assessment agency confirming qualifications as required by industry-recognized assessment specifications for safe refrigerant handling.
- Maintenance and repair can only be carried out according to the manual. If other professional assistance is required, it must be supervised by personnel qualified to work with flammable refrigerants.

Site Inspection:
Safety checks must be carried out before maintenance to minimize fire risk. Observe precautions when servicing refrigeration systems:

1.Operation Procedure:
Work under controlled procedures to minimize risk from flammable gases/vapors.

2. General Work Area:
Inform all personnel in the work area of the nature of work. Avoid confined spaces. Properly segregate and ensure safe work conditions within the area.

3. Check for Refrigerant:
Monitor the area with appropriate refrigerant detectors before and during work so technicians are aware of potentially flammable gases. Ensure leak detection equipment is suitable for flammable refrigerants, e.g. non-sparking, adequately sealed or intrinsically safe.

4. Fire Extinguisher Placement:
Keep suitable dry powder or carbon dioxide fire extinguishers close by when performing hot work on refrigeration systems or components.

5. No Ignition Sources:
Do not use any ignition sources that could cause a fire/explosion hazard when working with piping containing or having contained flammable refrigerants. Keep all ignition sources away from installation, repair, transfer and disposal areas. Check the environment is safe before starting work. Provide a "NO SMOKING" sign.

6.Ventilated Area:
Ensure the work area is open or adequately ventilated before opening systems or performing hot work. Maintain ventilation during operation. Venting will safely dilute leaked refrigerant and vent quickly to atmosphere.

7. Equipment Inspection:

If electrical components are replaced, install according to intended use and correct operating regulations. Observe manufacturer's maintenance/repair instructions. Consult manufacturer's technical department if unsure.

Inspection items for appliances using flammable refrigerants:

- Determine charge volume per room size containing refrigerant components
- Ensure ventilation equipment is operational and ventilation openings unobstructed
- Check for refrigerant in secondary circuit if indirect refrigeration cycle used
- Markings/symbols on appliance must be clearly visible, correct if obscured
- Do not install lines/electrical in corrosive component environments without corrosion resistant materials/measures.

Electrical Device Inspection:

Include initial safety checks and component inspection procedures. Isolate power if defect endangers safety until resolved. Report defects that cannot be eliminated to owner and warn concerned parties, adopting interim solutions if operation must continue.

Initial checks include:

- Capacitance discharge safely to avoid sparking
- No exposed electrical/wiring during system filling, recycling, cleaning
- Earth continuity

Sealing Element Maintenance:

Isolate power before opening sealed covers. If power necessary, continuously leak test most hazardous locations. Take special care not to compromise enclosure protection. Improper maintenance may cause cable/connection damage, sealing cover installation errors or other hazards.

- Ensure safe and reliable equipment installation
- Ensure seal/sealing material will not lose function preventing flammable gas ingress from aging. Replacements must meet specifications.

NOTE: Silicon-containing sealants may reduce leak detection capability of equipment. Intrinsically safe components need not be isolated before operation.

Maintenance of Intrinsically Safe Components:

- Do not use permanent inductive or capacitive loads if voltage/current limits cannot be ensured.
- Only intrinsically safe components can operate inflammable gases. Set test instruments to correct ranges.

Cable Inspection:

- Check cables for wear, corrosion, overpressure, vibration, sharp edges or adverse environments.
- Consider effects of compressor/fan aging and vibration on cables.

Inspection of Flammable Refrigerants:

- Check for leaks in areas without ignition sources.
- Do not use probes with open flames like halogen.

Leak Detection:

- Electronic detectors can detect flammable refrigerants but sensitivity may require recalibration in refrigerant-free environments.
- Ensure detectors do not become ignition sources and are suitable for the refrigerant.
- Set to the lowest flammable concentration, calibrated to the refrigerant, and correct gas concentration range (up to 25%).
- Do not use chlorine-containing solvents to prevent corrosion with refrigerant.
- Remove all open flames from sites during welding if leaks are suspected. Purge fully with oxygen-free nitrogen before and during welding.

Refrigerant Charging:

- Avoid cross-contamination between different refrigerants when using charging equipment.
- Keep charge line as short as possible to minimize residual refrigerant amounts.
- Keep refrigerant tanks upright.
- Ground refrigeration system before charging.
- Label system after completion or non-completion.
- Take care not to overcharge.
- Pressure test with oxygen-free nitrogen before recharging. Perform leak tests before and after commissioning.

Scrap Recovery:

- Ensure familiarity with equipment and features. Follow safe recovery practices.
- Analyze recovered refrigerant and oil samples if reuse intended.
- Ensure power availability before testing.

Identification:

- Mark appliances with date and endorsement after draining refrigerant at disposal.
- Ensure appliance label reflects flammable refrigerant content.

Overall Recovery:

- Fully remove refrigerant during maintenance or disposal where possible.
- Only use dedicated refrigerant recovery tanks.
- Ensure tank capacity matches system charge.
- Keep recovery equipment in good condition and operating instructions accessible.
- Consult manufacturer if in doubt.
- Return recovered refrigerants to manufacturer inappropriate tanks.
- Do not mix refrigerants in recovery equipment or tanks.
- Evacuate compressor fully to remove refrigerant before returning to supplier.
- Only use electrical heating of compressor housing to speed oil drain process.

8 Troubleshooting

Malfunction	Check	Measures
The machine cannot be turned on	1.Is the power on? 2.Is the plug loose? 3.Has the power been turned off? 4.Is the power switch not engaged? 5.Has the internal connecting line come loose?	1.Turn on the power. 2.Fully insert the plug into the socket. 3.Reset the power. 4.Press the power button to turn on. 5.Open the case and reconnect the internal wire.
The cooling effect is not good	1.Is the filter covered in dust? 2.Is the air inlet or outlet blocked? 3.Is the space too large or are doors/ windows not closed properly? 4.Are there other heating devices in the room? 5.Is the exhaust duct disconnected or blocked?	1.Clean the filter. 2.Remove any blockages. 3.Ensure doors/ windows are closed properly. 4.Remove any other heating devices. 5.Reconnect or clear the exhaust duct.
Water leakage	1.Is the unit level? 2.Is the drain/drain pipe blocked? Has condensation excessively accumulated?	1.Level the unit. 2.Clean the drain and drain pipe. 3.Drain the condensation collection tray.
Excessive noise and vibration	1.Is the unit level? 2.Is the filter clogged? 3.Is the refrigerant flow normal internally? 4.Is anything placed on or touching the unit? 5.Is there an internal "ringing" sound?	1.Ensure the unit is level. 2.Clean the filter. 3.This is normal operation. 4.Remove any obstructions. 5.Contact after-sales for maintenance.
Odors from the air conditioner	Odors Has the unit been unused for an extended period or stored for a long time? It may absorb odors from the furniture which are released when operating.	Run the unit for 2-5 minutes and the odors should dissipate.

Note: The actual product may differ from the one shown.
When repair is required, please contact the Amazon shop or special service point professional.