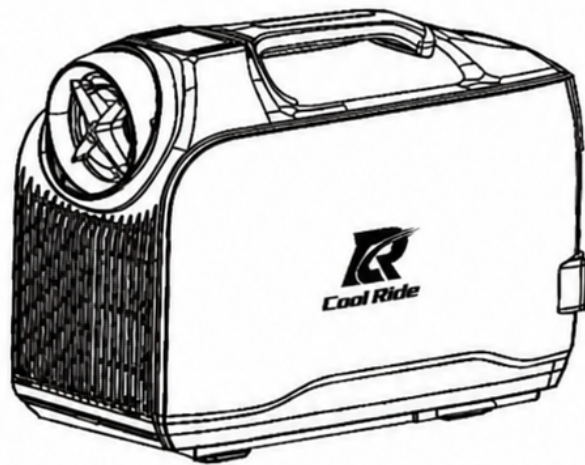


CoolRide Portable Air Conditioner



Qn950

INSTRUCTION MANUAL

Dear Valued Customer

Thank you for purchasing our product. Before use, please read this product manual carefully to ensure correct use of the product.

Dear Valued Customer

To prevent harm to the user or others and to avoid property loss, please be sure to follow the instructions below.

After use, please store this manual in a place that is accessible to the user at any time.

Safety Precautions

This manual contains important safety information about the correct use and maintenance of the air conditioner. To prevent harm to the user and others, or property damage, please fully understand the following content (including signs and icons), read the text carefully, and follow all safety precautions.



Warning: This icon indicates risks of personal injury or property damage.

After use, please store this manual in a place that is accessible to the user at any time.

1. Non-professional maintenance personnel are not allowed to disassemble, repair or modify the unit, otherwise it may cause fire, equipment failure, or malfunction.
2. This product is not suitable for people with physical, sensory or mental disabilities.
3. Before cleaning or other maintenance, be sure to turn off the power. Disconnect the power plug before working.
4. Please install the unit in a place with combustible gas leakage. The accumulation of combustible gas may cause fire.
5. Please ground the power cable. Connect the power cable to a power outlet. The power outlet should be placed in a location that is not easy to be twisted or pulled by the cable. Do not place the power outlet in a confined space such as furniture or other appliances. Do not place the power outlet in locations that are not easy to disconnect in the vicinity of escape routes for emergency.
6. In outdoor use during rainy weather, to avoid lightning injury, stop using the unit immediately.
7. During operation, do not cover the air outlet, air inlet, side air inlet, or cold air inlet.
Do not put your hands, sticks, or other objects into the air outlet or air inlet. Do not stick objects, fingers, or sticks into the air outlet or air inlet. The fan runs at high speed and may cause injury.
8. Install the unit according to the installation instructions. Improper installation may cause water leakage, fault, or fire.
9. Do not use parts or accessories from other companies. The use of non-company parts or accessories may cause water leakage, malfunction, fire, personal injury, or property damage.
10. To reduce the risk of fire and electric shock, please use the unit together with the control device.
11. Please keep children away from the product to avoid accidental injury, accidental injury, or damage to the unit.
12. Do not use wet hands to plug in the power plug, turn on the switch, or touch wires and electrical components. Otherwise it may cause electric shock or injury.

13. If the power cord or plug is damaged, or if the outlet is loose, do not use this device.
This may cause electric shock or short circuit, and may lead to fire.
14. If the equipment stops working due to impact, damage, water leakage, or other reasons, do not use it. There is a risk of fire caused by electric shock, leakage, or short circuit.
15. Keep away from open flames. Deformation of this equipment may cause short circuit and fire.
16. When unplugging the power cord, be sure to hold the plug and pull it out.
Do not pull the power cord itself. Otherwise, it may cause electric shock or short circuit.
17. Please connect the power cord properly. Use an extension cord, or multiple power outlets. This may cause electric shock, overheating, or fire.
18. Even if the equipment is severely damaged, do not try to ignite it on your own.
The built-in compressor in a fire may explode.

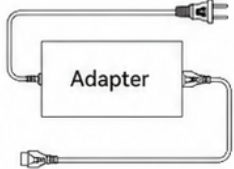
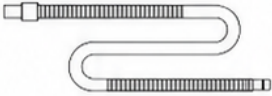
【Precautions for Fluorinated Greenhouse Gases】

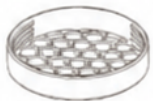
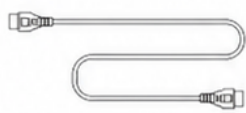
1. This air conditioner is a hermetically sealed fluorinated greenhouse gas device.
2. This air conditioner does not support users to add refrigerant on their own.
3. In addition to qualified maintenance technicians, no one else is allowed to disassemble, repair or modify this air conditioner.

The disposal of this product must comply with local waste disposal regulations and be separately processed from other household waste.

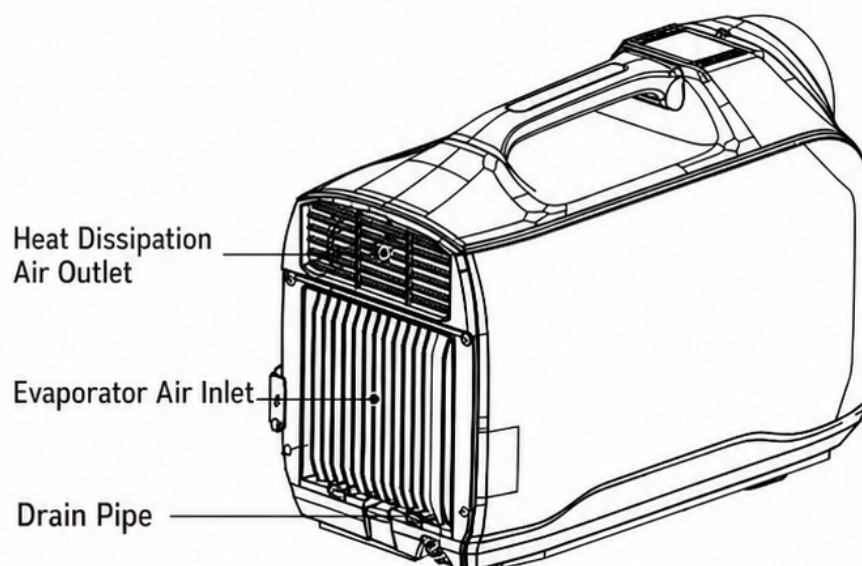
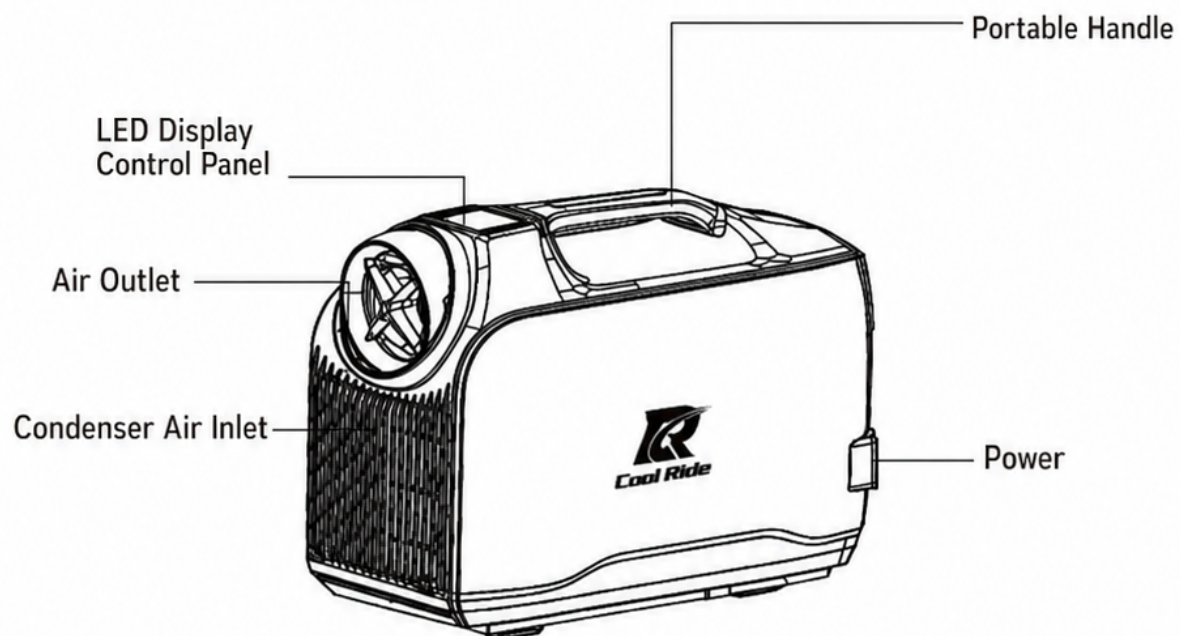
Before disposal, the power must be completely cut off to prevent the equipment from being used again.

Accessories

1		Air conditioner main unit	1
2		48V adapter AC 100-240V 50/60Hz	1
3		Drainage pipe Length: 100cm	1

4		Exhaust Duct (Large) Diameter: 13cm Length: 150cm	1
5		Exhaust Duct (Small) Diameter: 11cm Length: 150cm	1
6		Front Air Outlet Duct	1
7		Rear Air Outlet Duct	1
8		Exhaust Duct Connector Ring	1
9		Air Duct Grille	1
10		XT90 Connection Cable	1
11		User Manual	1

Product Part Names



Button Operation Manual

Button and LCD Display Panel

1.

6 Buttons:

Power, Up, Down, Fan Speed, Mode Setting, Timer

7 Modes:

Cooling, Heating, Sleep, Dehumidify, Ventilation,
Timer, Auto-clean Mode

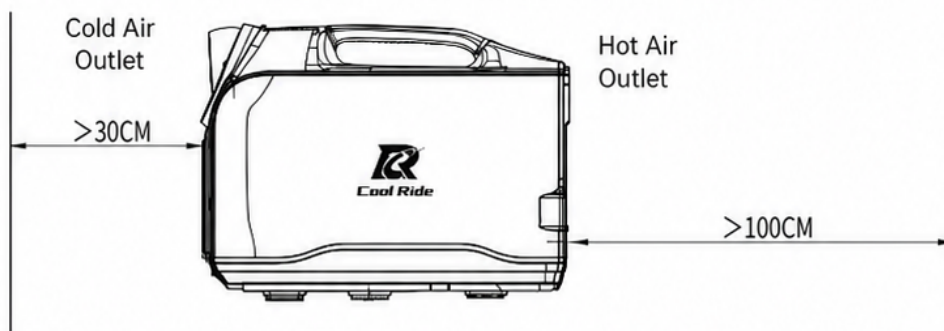


Button Operation Instructions

-  1. Power Button: Press and hold for 3 seconds to turn on/off the unit. If there is no operation within 15 seconds, the screen will automatically turn off.
Press any button to restart the screen.
-  2. Temperature Up Button: In power-on state, press briefly to increase the temperature.
Long press to quickly adjust the temperature.
-  3. Temperature Down Button: In power-on state, press briefly to decrease the temperature.
Long press to quickly adjust the temperature.
-  4. Fan Speed Button: Set fan speed. Press briefly to cycle through 1 to 6 fan speeds.
-  5. Timer Mode Button: Press briefly to set the timer; the digital key will flash.
Use the Up and Down buttons to adjust the time; flashing will stop after 4 seconds when the setting is complete. (Measurable in 0.5-hour increments, up to a maximum of 8 hours. The timer can be set in any mode.)
-  6. Mode Button: Toggle operating modes. Press briefly to switch modes; the screen will display the corresponding mode.
-  7. Cooling: Fan speed can be adjusted, temperature can be adjusted, temperature setting range: 16°C~31°C / 61°F~90°F.
-  8. Heating: Fan speed can be adjusted, temperature can be adjusted, temperature setting range: 16°C~31°C / 61°F~90°F.
-  9. Sleep Mode: In this mode, the unit will run at low load for cooling.
The fan speed is automatically set to the lowest and cannot be adjusted.
The temperature can be adjusted. Power consumption is low.
-  10. Dehumidify: At the lowest fan speed, temperature and fan speed cannot be adjusted, but it can effectively remove moisture from the air.
-  11. Ventilation: Only the internal fan runs, and the fan speed can be adjusted using the Up and Down buttons. Temperature is not adjustable.
Auto-clean Mode: Press and hold the "Up" and "Fan Speed" buttons simultaneously; "CL" will be displayed on the screen. Release, and the cooling system and external fan will keep running for dehumidifying and frost removal for 3 minutes.
Defrosting is completed and the unit will stop automatically. When in dehumidify mode, if the ambient temperature is below 15°C, a 2-minute defrosting operation will be performed, and normal operation will resume after descaling.
Combination Button: In the power-on state, press and hold the Up and Fan Speed buttons simultaneously for 3 seconds.
Auto-clean Mode is activated. Additionally, in Auto-clean Mode, all other buttons will be locked.

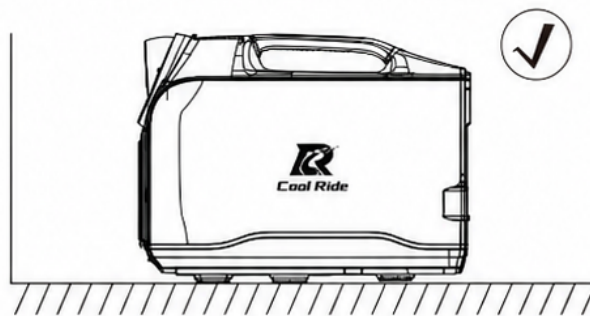
About Placement

When using for the first time, or after a long period of storage, please place it on a flat surface for more than 30 minutes before powering on. Ensure sufficient heat dissipation space at the rear as shown.

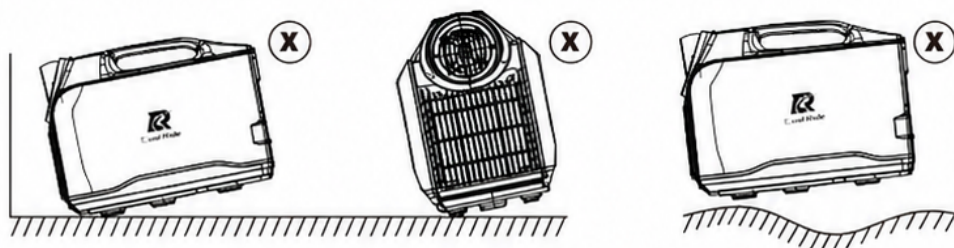


Please note: Do not use in the following locations.

1. Locations that are tilted or uneven.
2. Locations with a lot of dust, such as construction sites.
3. Locations near the seaside or areas with high salinity.
4. Locations where acids or alkalis may be present or accumulate.
5. Locations with corrosive gases or vapor.
6. Locations subject to large voltage fluctuations (within 10% of the rated voltage).
7. Locations where strong electromagnetic waves are generated.



Correct Use

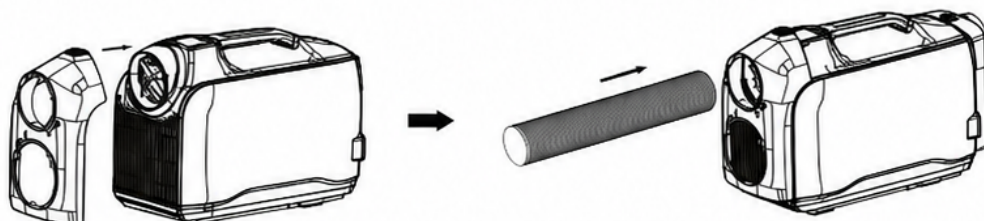


Incorrect Use

First Method of Use

Installation

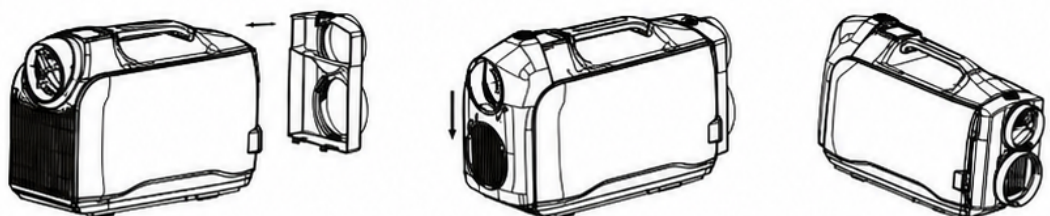
1. Install the cold air duct. Insert one end of the cold air duct into the air inlet at the end of the air duct, and rotate clockwise to the stop position to secure.



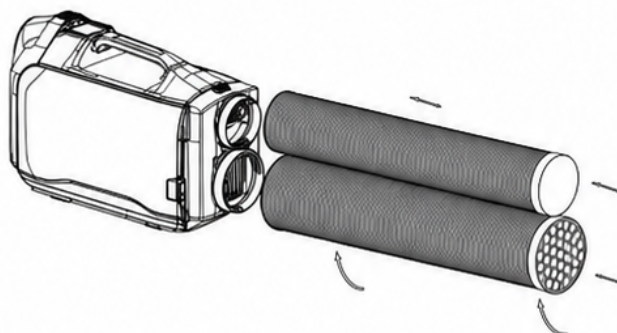
Second Method of Use

Installation

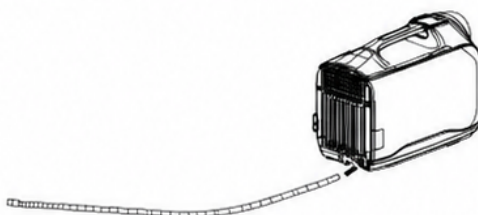
1. Install the hot air duct. Align the groove on the bottom of the hot air duct with the groove on the top of the unit, slide it in from the bottom to the front of the unit, and push down until it locks into place. Ensure there is no looseness or abnormal movement.



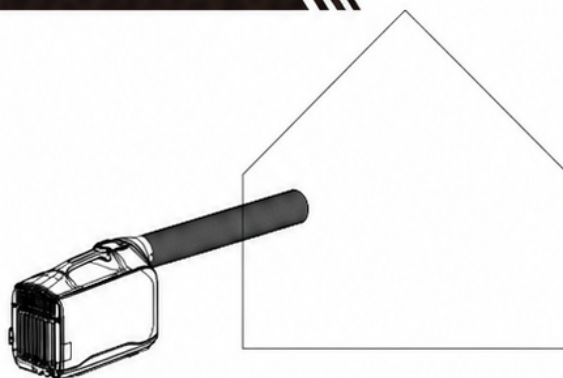
2. Install two air ducts. Insert the bottom end of the air duct into the hot air duct, and rotate clockwise to the stop position to secure.



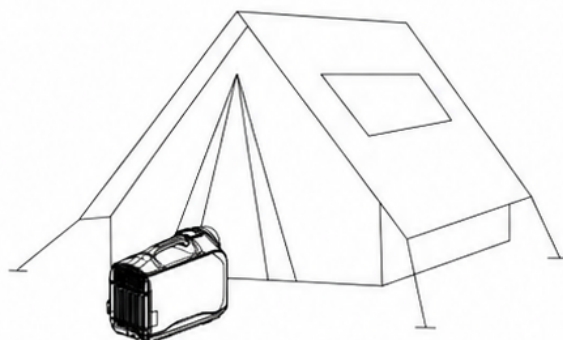
3. Insert the drain hose into the drain outlet



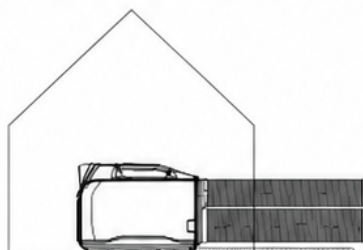
Usage Scenarios (Tent as an Example)



- ▲ Adjust the air conditioner to the outside of the tent: blow the cold air inside through the air duct. Only the connected air duct will enter the enclosed space inside the tent, without occupying internal space and with minimal noise.



- ▲ Adjust the air conditioner to the outside of the tent: draw in outside air and blow out the hot air to the outside, creating a relatively small space for cooling. The hot air duct is used to expel hot air. No ducts need to be connected; you can use the space freely or adjust the position.



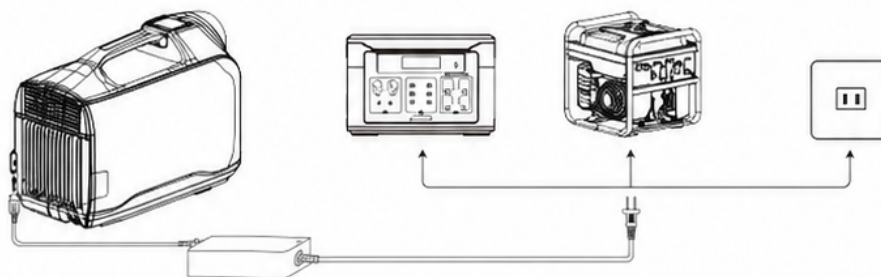
- ▲ Adjust the air conditioner to the inside of the tent: place the cold air outlet inside and connect the hot air duct to the hot air outlet (air inlet and outlet ducts) on the outside to prevent theft and rainwater intrusion. (Note: The drain hose must be placed outside the tent.)

Power Input

1. Use the XT90 port in conjunction with an external battery (requires 48V) to avoid damage. Please turn off the power switch before connecting and disconnecting the external power.



2. When using the original AC adapter, the input voltage is: AC100–240V(50/60Hz), and the output voltage is: DC48V
3. When connecting portable power or a generator, the voltage must be DC48V with a current of 11.5A or higher.



Recommendations for Use

1. Pay attention to the tightness of the tent seams when using air conditioning. For seams with poor sealing, please use seam tape to seal them or install a sealing cover.
2. Ensure the sealing of the tent. For tents with ventilation holes, please close them or cover them with vent covers.
3. Large tents may exceed the cooling capacity of the air conditioner. Please add an additional air conditioner or partition the tent to create a smaller cooling space.

Maintenance

1. Please clean the dirt off the unit in a timely manner. If it is heavily soiled, use a diluted neutral detergent to wipe it clean, and then wipe it again with a damp cloth that has been wrung out.

Maintenance Instructions

To ensure the air conditioner functions optimally, it must be cleaned regularly. During cleaning, be sure to unplug the power to avoid electric shock.

If dust accumulates for a long time on the plastic parts inside the air conditioner, it may cause aging and deformation of the plastic, which may affect cleaning or even result in water leakage. Therefore, cleaning is very important. (This may cause rust, malfunction, electric shock, or fire hazard.) Please use the following items as they can dissolve paint and plastic components, causing metal parts to deform, crack, or rust.

(Powdered washing detergent, alkaline/acidic cleaning agents, hot water, brushes, gasoline, alcohol).



Troubleshooting

If the air conditioning effect is poor, please check whether the air inlet and outlet are blocked.

If the refrigerant you use is a soft pipe, check whether the soft pipe is excessively bent or blocked.

Regardless of the situation, the compressor's thermal protection device may cause the air conditioner to stop. If this happens, turn off the power and wait 15 minutes before restarting the air conditioner.

If the Remote Control Does Not Work:

1. Do not exceed the operating range of the remote control (within 10 meters).
2. Check whether the remote control is damaged.
3. Replace the battery in the remote control.
4. Switch the remote control to wired control mode and reconnect.

With the display panel off, press the Air Circulation  and  buttons simultaneously for 2 seconds to enter the remote control coding mode, and the display will flash.

In coding mode, when you press any effective button during startup, it will successfully connect to the receiver board and save the remote control address, then exit coding mode.

Fault Type	Fault Code	Cause	Solution
Low Voltage Protection	P1	Voltage is 41V or lower	Increase the voltage or switch to a suitable power supply
Overvoltage Protection	P2	Voltage is 56V or higher	Reduce the voltage or switch to a suitable power supply
Compressor Fault	P3	Compressor malfunction	Please power off, wait for a while, and then restart. If the problem persists, please contact after-sales service.
Overcurrent Protection	P4	Compressor current exceeds its limit value.	Please power off, wait for a while, and then restart. If the problem persists, please contact after-sales service.
MOS Tube Overtemperature Protection	P5	Circuit board overheating	Please avoid long-term operation in high temperature.
Evaporator Side Air Outlet NTC Fault	P6	Evaporator side air outlet NTC fault	The sensor needs to be replaced. Please contact the after-sales service department.
Condenser Overheating	P7	Condenser temperature is above 85°C, and continues for 5 minutes.	When the overheating protection function is triggered and the exhaust temperature drops below 65°C, the system will recover normal operation. Please power off first, then restart the system.
Communication Fault	E0	Main board connection loose / poor contact / damage	You need to check whether the communication connection is loose. If this happens, please contact after-sales service.
Temperature Sensor Fault	E1	Temperature sensor short circuit / open circuit	You need to check whether the sensor wiring terminal is moving. If this happens, please contact after-sales service.
Evaporator Side NTC Fault	E2	Evaporator side NTC sensor is loose	You need to check whether the NTC connection terminal is loose. If this happens, please contact after-sales service.

Condenser Fault	E3	Condenser fan problem.	Restart 2~3 times. If the issue persists, contact after-sales service.
Evaporator Fault	E4	Evaporator fan problem.	Restart 2~3 times. If the issue persists, contact after-sales service.
Abnormality		Foreign object may be present.	Please provide a video of the abnormal condition and contact after-sales service.

Product Specifications

Model	QN950		
Refrigerant	R290	Power	520W
Voltage	AC100-240V (50-60Hz)/DC48V	Current	11A
Cooling Capacity	1850W / 6300BTU	Cooling Temperature Range	16~32°C/61~90°F
Heating Capacity	2020W / 7000BTU	Heating Temperature Range	16~32°C/61~90°F
Waterproof Rating	IPX4	Operating Temperature Range	10~43°C/50~109°F
Net Weight	11.5KG	Product Size	492*271*369mm

Disclaimer

1. Damage or failure caused by fire, earthquake, wind, lightning, other natural disasters, public power outages, or other external factors, as well as faults and damage caused by improper use, are not covered by this company.
2. Damage caused by failure to follow the text in this document for installation is not covered by this company.
3. Damage caused by not following the instructions in the user manual for installation and operation, and using the product in environments where it is not designed to be used (such as business interruption, loss of profit, etc.), shall not be the responsibility of this company.
4. Damage caused by errors, non-maintenance or modifications by the user is not covered by this company.
5. Damage caused by using general-purpose equipment for non-general purposes is not covered by this company.
6. If a smoke alarm element fails, please stop using it immediately. Continued use may cause smoke, fire, or even a fire disaster, and the resulting damage shall not be the responsibility of me.

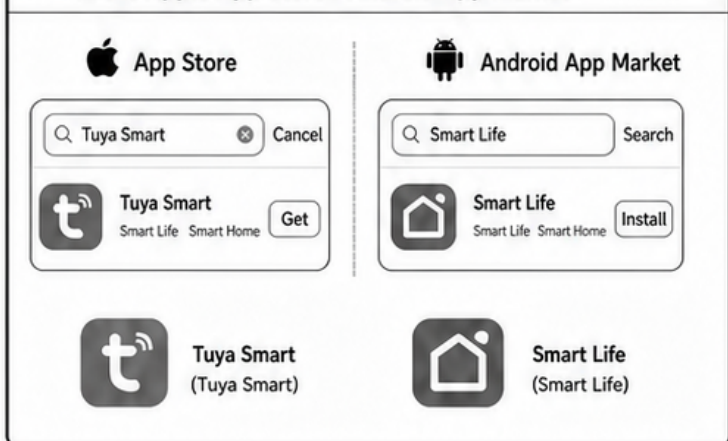
About Warranty

- ◆ The warranty period of this product is one year from the date of purchase.
- ◆ The product specifications may change without prior notice, please understand.
- ◆ Since the product is equipped with electronic components, it may lead to product and sales termination.

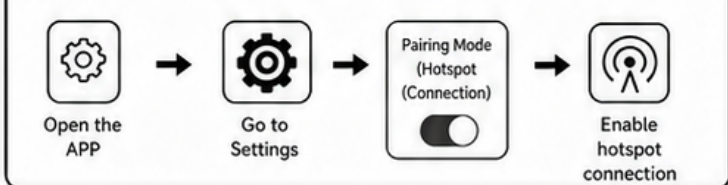
If you have any questions about this product, such as doubts about the fault, please inform me of the following information: purchase time, order number and product model, and provide detailed sales instructions for your fault.

4th Gen Air Conditioner Common Issues — Bluetooth Connection Issues

1 Download the APP: Search for "Tuya Smart" or "Smart Life" in the Apple App Store / Android App Market

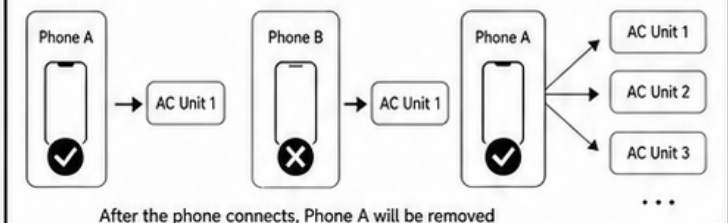


3 Hotspot connection also works, requires pairing mode



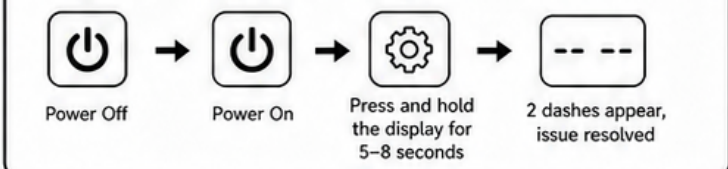
4 Device connection rules:

- A phone can connect to only one air conditioner at a time. If another phone connects, the previous connection will be removed.
- One phone can connect to multiple air conditioners.



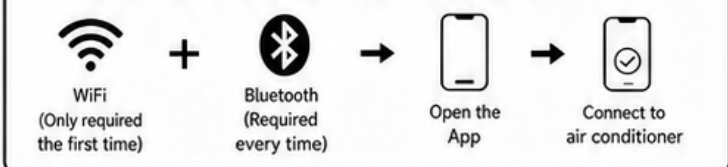
5 Troubleshooting:

If the device cannot be found, turn it off and back on, then press and hold the display for 5–8 seconds. The 2 dashes will appear and the issue will be resolved.



6 Secondary connection instructions:

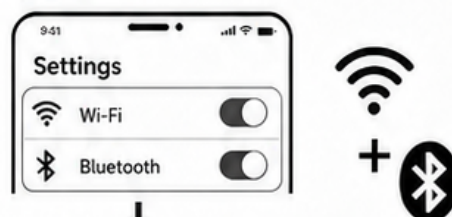
- After the first connection, you can connect the air conditioner in a non-WiFi environment, but you need to turn on WiFi and Bluetooth.
- For the second connection, only Bluetooth is needed.



2 How to connect via Bluetooth: The first time requires WiFi environment paired

Step 1

Turn on your phone's WiFi and Bluetooth



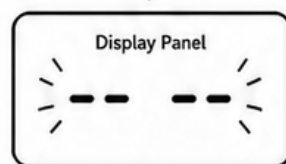
Step 2

Open the app, click the "+" in the upper right corner to add a device



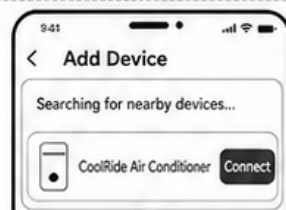
Step 3

Air conditioner powered on, press and hold the display for 5–8 seconds, the display will show 2 dashes



Step 4

The app will find the CoolRide icon, click Connect to connect



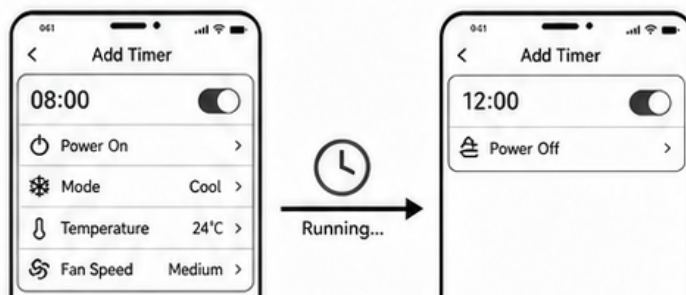
Step 5

After successful connection, it will automatically enter the APP



7 APP timer function instructions:

You can use the timer function in the APP to automatically turn the unit on/off, such as turning on at 8 AM, and you can also set the mode: Cooling/Heating/Dry/Fan, set temperature, wind speed, etc. Such as setting it to turn on at 8 AM and off at 12 PM.



Note: The above is for reference only. Please refer to the actual APP interface.