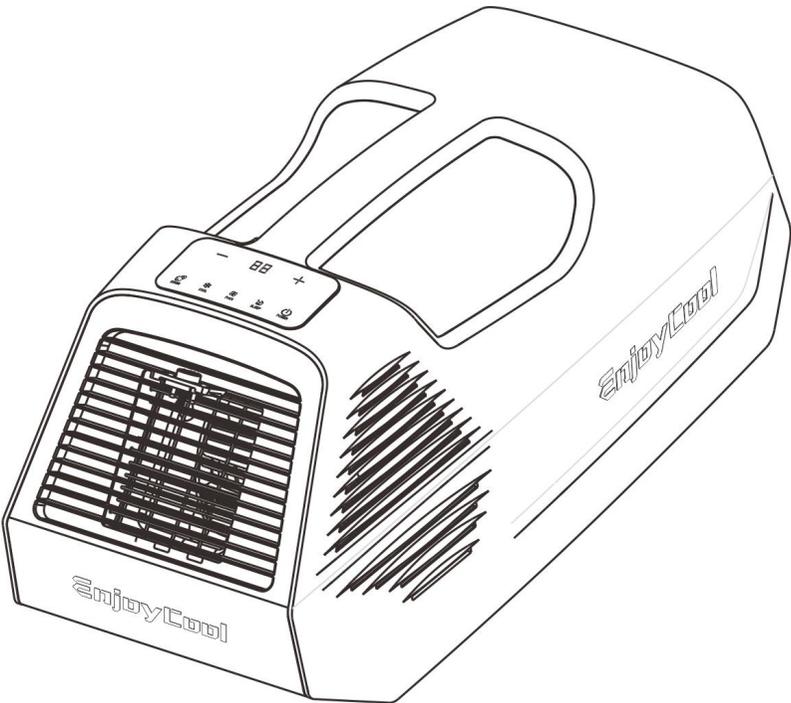


# Portable Air Conditioner

## User's Guide



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# Notice

This manual contains important safety information on the proper use and maintenance of air conditioners to prevent personal injury or property damage. Please read the following (signs, icons) and be sure to observe the safety instructions provided.



Note: This symbol indicates that personal injury or property damage may cause.

- The product must be repaired or maintained by a professional and it is forbidden to disassemble, modify, repair or clean the internal components without permission;
- This product must NOT be operated by children, persons lacking physical, sensory or mental capabilities and adults who do not understand the contents of this manual;
- The power supply must be disconnected before cleaning or maintenance;
- Do not install this product near combustible gas;
- Do not cover the power cord with a carpet. Do not place the cord under furniture or other electrical appliances. Keep the cord away from walking areas or where it will not be tripped over;
- Turn off to avoid lightning damage to the machine in thunderstorm;
- Do not cover the air outlet, air inlet, exhaust air outlet and suction air inlet while the machine is in operation and do not use the air outlet and exhaust air outlet to dry up objects and clothing.;
- Mount the unit on a solid flat surface, otherwise damage or excessive noise and vibration may casue;
- Do not drop or damage the equipment.



Warning: This symbol indicates that fatal or serious injury may casue

- Installation must be carried out in accordance with the installation instructions. Improper installation can lead to water ingress, leakage, electric shock or fire;
- Use only the accessories and parts supplied and the specified tools for installation. Use of non-standard parts may result in water leakage, electric shock, fire, injury or property damage;
- Ensure the socket is earthed and in the correct voltage. Prepare a power cord with a three-pronged grounded plug to prevent electric shocks.
- It is forbidden to change the power cord without permission. Improper use of the power supply can cause fire or electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, the service department or a specialist in order to avoid danger.;
- Do not install the air conditioner in a humid environment such as a bathroom or laundry room as this may cause a short circuit in the electrical components;
- To reduce the risk of fire or electric shock, do not use this air conditioner in conjunction with any speed control device.

### Precautions for fluorinated gas

- This air conditioner is a sealed unit containing fluoridated gas. For information on the specific type of gas and the quantity, please refer to the relevant label on the body.
  - This device does not support users to add refrigerant by themselves;
  - Maintenance or repair of this equipment must be carried out by certified technicians;
- Please separate this product from household waste when it is scrapped. The scrapping must comply with local waste disposal regulations and the power cord must be disconnected before scrapping so that the equipment cannot be used again.

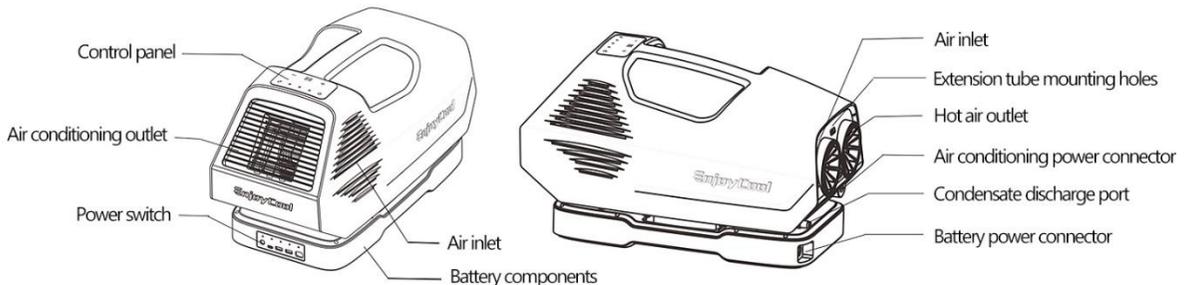
### Note

All images in this brochure are for reference only and your air conditioner may vary slightly depending on the model.

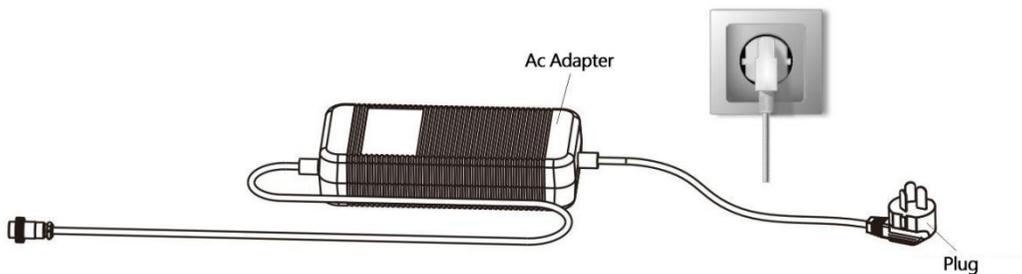
## Introduction of the main components

- This product is equipped with a new 24v high performance compressor, a new double pipe exhaust system and a classic carry handle for easy mobility; with the use of a special battery, it can achieve a maximum continuous working time of approximately 5 hours at high frequencies.

- Mainframe



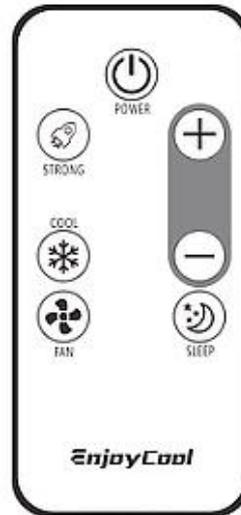
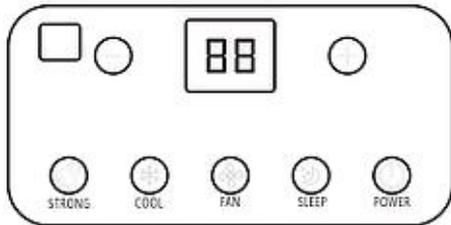
- Accessories



## Design and Normative Notes

- Design Note: To ensure optimum performance, the design specifications and remote control of the equipment are subject to change without notice;
- Energy rating information: the energy rating of the machine is based on the use of an extended exhaust pipe;
- The batteries exemplified in this manual have to be purchased separately and the maximum operating times are measured under experimental conditions and are for reference only; This product already has a set of intake and exhaust pipes built in, if a longer exhaust pipe is required, please get details from your dealer.

## Control Panel - Remote Control Panel



POWER Power button

- With the power on, short press this button once to switch on when operating with the control panel and press and hold for 3 seconds to switch off.
- With the power on, short press this button once to switch on and once to switch off when operating with the control panel.

(Please note that: after you press and hold the power button for 3 seconds. The air conditioner will then take 30 seconds to shut down completely.)



#### COOL Cooling mode

- Default setting is cooling low air 22° C/72° F when switched on;
- Press this button to enter cooling mode directly while working in other mode.



#### STRONG Strong mode button

- Press the "strong" button to put the air conditioner into strong mode, with the air conditioner working at full load.



#### "+" button

- Increase the temperature setting by 1° C per press of "+" (31° C Max), not valid in strong mode.



#### "-" button

- Lower the temperature setting by 1° C per press of "-" (16° C Min), not valid in strong mode.



#### FAN Wind speed button

- In cooling mode, the "air speed" button switches the frequency and air speed to three different operating modes (F1 light air speed mode, F2 medium air speed mode, F3 strong air speed mode) ;
- Still available in strong mode, sleep mode. Simply switch the air speed and the mode automatically changes to work with 3 adjustable air speeds.



#### SLEEP Sleep mode button

- Press the "Sleep" button to put the air conditioner into sleep mode, with the air conditioner working at low load.

### Battery Cell for Remote Control



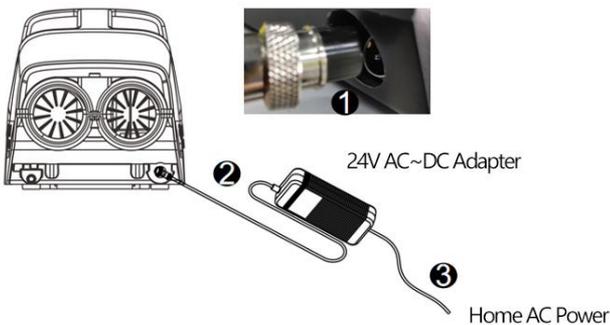
## How to Use

Can be used with the original power adapter or special batteries.

Specifications of the device adapter: Input voltage: AC100-240V ~ 50-60Hz, output voltage: DC24V, power: 240 W



- Power supply via adapter:

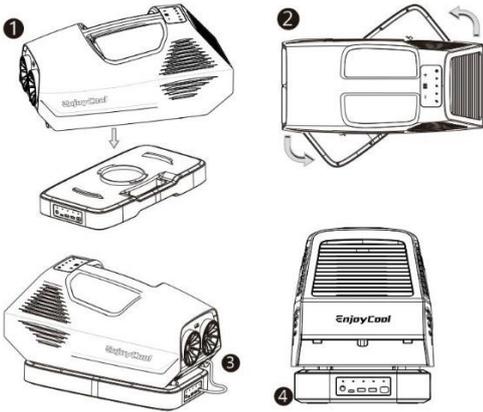


- ① Air conditioning power connectors ➡ ② Power adapters ➡ ③ Home AC 100-240V (50-60Hz)

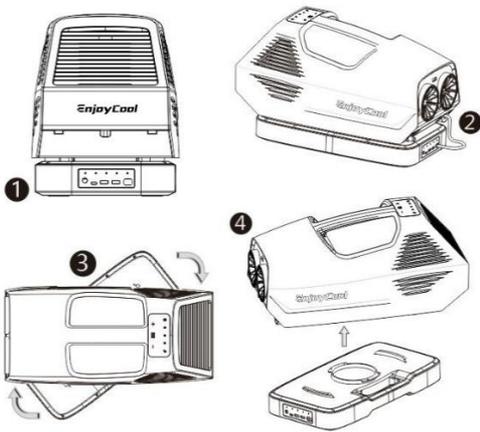
Note: Use the adapter provided by the original manufacturer, do not use a third party adapter (to avoid unnecessary electrical hazards).

- Powered by battery:

Battery coupling illustration: ① Docking position ➡ ② Rotate to a fixed position ➡ ③ Wiring (with power cable to connect the battery to the air conditioner) ➡ ④ Turn on the battery switch.



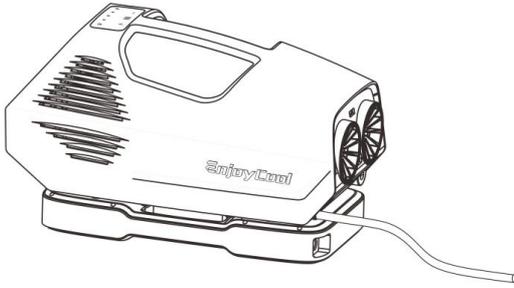
Battery removal illustration: ① Turn off the battery switch ➡ ② Remove the power cable ➡ ③ Rotation ➡ ④ Remove



- Accessory connections

1. Connecting the drain

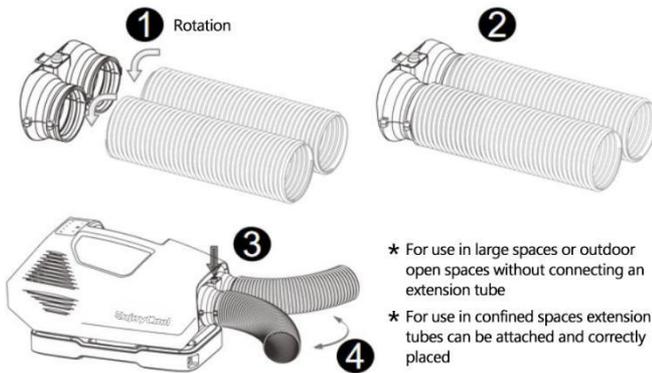
The unit turns gaseous water in the air into a liquid, just like a conventional air conditioner, and it uses gravity to collect and discharge the water produced. Its interior can store condensed water for approximately 1-2 hours, depending on the humidity of the air.



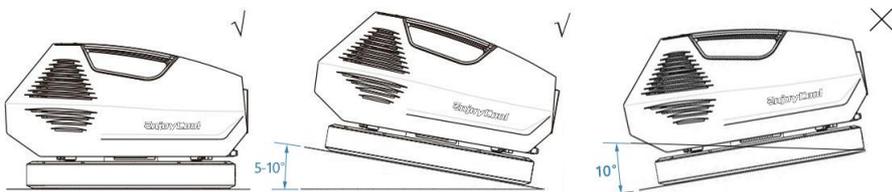
Connect the drainage hose to the drainage outlet. Place the open end of the hose directly in the drainage area of the basement or in another container.

Take care that the drain hose is placed so that it does not come into contact with the power supply. Keep the hose firmly connected, free from leaks and kinks, place the end of the drain hose into the drainage area and ensure that the end of the hose is facing downwards to allow water to flow smoothly. Do not lean forward or to the side when working or handling as water may leak out of the front or sides.

## 2. Connecting extension tubes

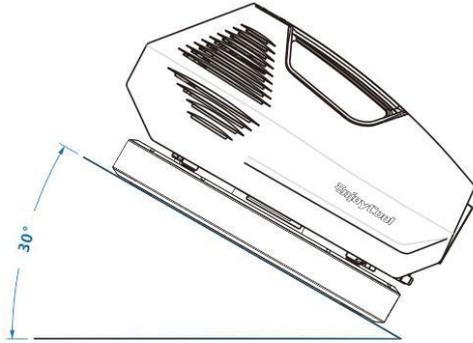


- Take care to keep it level in use. It is best to tilt it backwards by 5-10 degrees, not forwards or from side to side, otherwise condensate will leak out of the front, and bottom of the air conditioning unit.



- Do not move the air conditioner immediately after use. Please tilt the air conditioner back slowly by 30 degrees to ensure that any water left in the air conditioner is drained.

**Note:** If water leaks due to improper placement, do not be nervous, just wipe it clean or cool it naturally, it will not affect the performance of the machine.



## Front end Connector and Air duct installation

### Step one:

Rotate the air duct 3 times according to the direction indicated by the arrow on the connector. Do not pull the air duct out or tighten it too much. This can damage the duct.



## Step 2:

Attach the front connector to the front panel by inserting the lower buckle first.



## Step 3:

Press and hold the button while inserting the upper end of the front connector into the front panel, gently pull on the connector, if it does not fall out that means the installation is complete.



# Front Connector Removal Methods

To detach the connector, press and hold the button and pull the upper end first. Then pull the lower end and release the button.



# Rear connector and air duct installation in three steps

## Step 1:

Install the air duct to one end of the connector, rotate it 3 times according to the direction of the arrow, and gently pull the on the air duct to make sure it is not falling out. Repeat this for the other end.

CAUTION: Tightening too tight can damage the air duct



**Step 2:**

Press and hold the button while inserting the buckle at the upper end of the connector into the hole on the rear panel



**Step 3:**

Then insert the buckle at the lower end of the connector into the hole on the rear panel, and gently pull on the connector to complete the installation without falling out

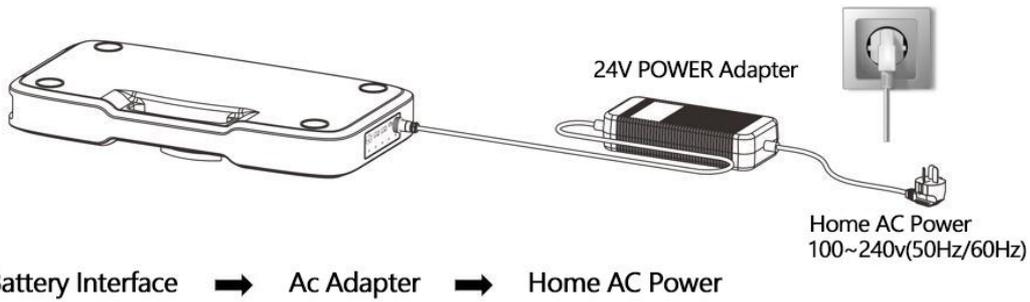


## Rear connector removal method

Press and hold the button and pull the lower buckle first, then pull the upper buckle to complete the disassembly



# Battery Charging



## Battery charge status

LED1	LED2	LED3	LED4	LED5	Power supply power
☀	○	○	○	○	0%-20%
☀	☀	○	○	○	20%-40%
☀	☀	☀	○	○	40%-60%
☀	☀	☀	☀	○	60%-80%
☀	☀	☀	☀	☀	Fully charged condition

- No liability is accepted for any consequences of charging with a charger other than the one provided by the original manufacturer.
- When the battery level indicator is fully illuminated, the battery is fully charged.

The batteries shown in this manual need to be purchased separately (it is recommended that you buy the batteries supplied by your dealer to avoid unnecessary electrical accidents).

## Operational Environment

Your installation location should meet the following requirements:

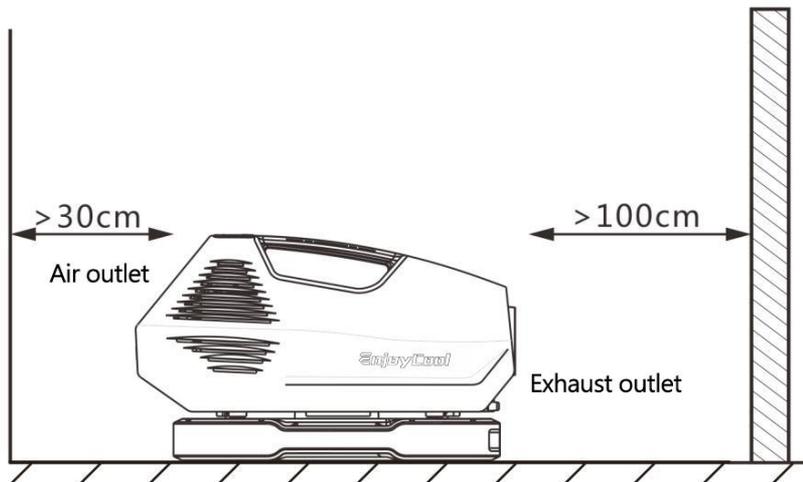
- Ensure that the equipment is installed on a flat surface to minimise noise and vibration.
- Distance between the unit's air outlet and wall or obstruction > 30 cm and distance between the exhaust outlet and wall or obstruction > 100 cm to ensure proper space.
- Do not cover the air vents, exhaust vents or sockets of the machine, as this may cause damage to the machine.
- Use of the unit via the power adapter must be installed near the grounded plug.
- Access to the drainage area must be possible.

## Safety in the electrical environment

When using outdoors, in rainy weather, please take special care to prevent the machine and batteries from getting wet and to keep the air inlet and exhaust open and free from foreign objects.

Tips:

1. After a long and bumpy transport, please turn on the equipment for the first time or leave the equipment for a long time, and leave it flat for more than 30 minutes before turning it on and running.



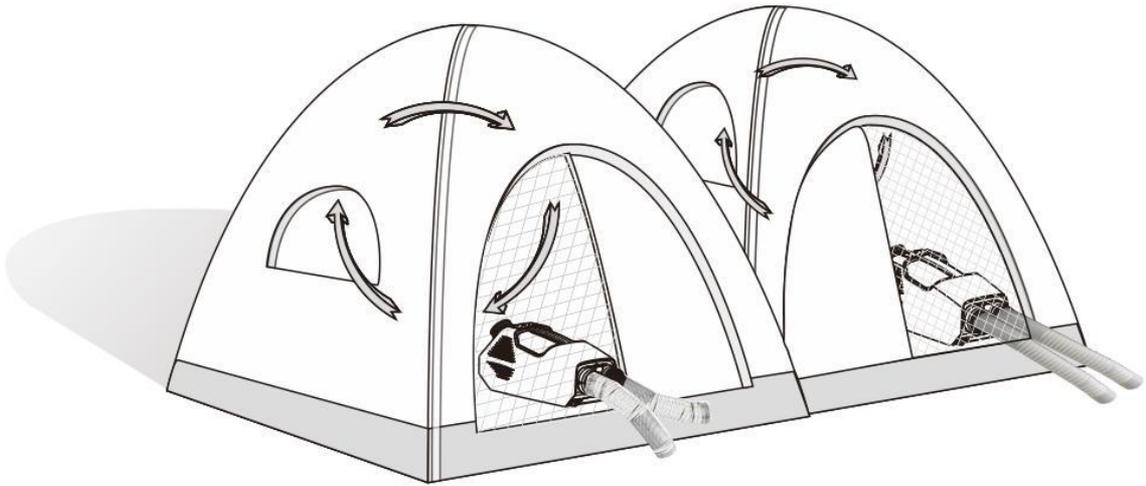
## Use in Tent

Conventional tents / tents with air conditioning vents

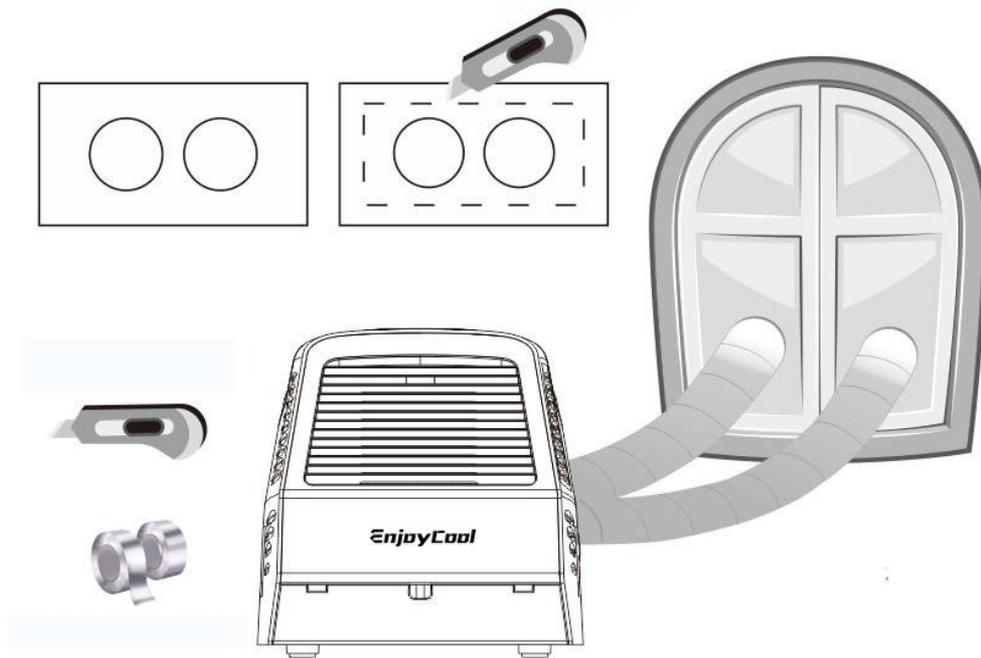
Suggestion:

- Pay attention to tent insulation, if the tent is poorly insulated, please cover the tent with an insulated mat
- Take care to seal and, for tents with ventilation holes, take care to close or cover them
- Take care of the shade, you can cover the tent with a canopy etc.
- If large tents, beyond the use of air conditioning, please add an air conditioner.
- Or create a small cooling space inside the tent with a cloth partition

## Tent placement diagram



## Use by Connecting Windows



Use a piece of pearl cotton to fit the window, cut two 8cm diameter round holes with a hobby knife, spacing the two holes about 12cm apart, adjust the right angle and stick it to the window. Close the window and insert the two exhaust pipes of the air conditioner into the two holes.

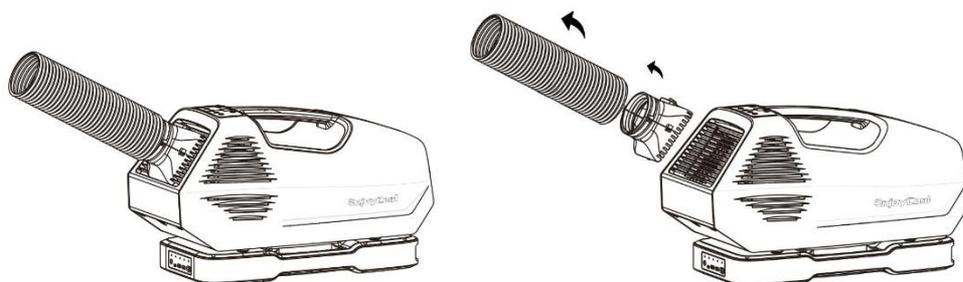
Exhaust pipe placement precautions:

- To ensure proper function, do not over extend or bend the hose.

- Ensure that there are no obstructions around the exhaust hose outlet (within 500mm) to allow the exhaust system to work properly.
- All illustrations in this brochure are for illustration purposes only. Your air conditioner may vary slightly and the actual shape will prevail.

## Cold Air Extension Duct Installation Guide

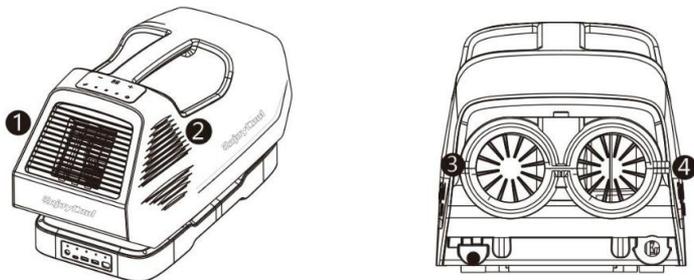
This accessory can be used in certain narrow spaces where it is not convenient to place the equipment, such as cabs, where it can be used to deliver cold air to the specified position. When adjusting the position of the cold air extension tube, one hand should be pressed against the connector of the cold air extension tube.



## Troubleshooting

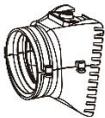
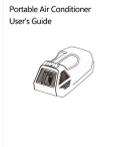
Fault conditions	Digital tube display code
Indoor ambient temperature sensor failure	E1
Communication failure between main board and display board	E3
Undervoltage protection	LO
Overvoltage protection	HI

## Cleaning and Maintenance



- Before cleaning and maintenance, the power must be stopped and disconnected;
  - \* Do not use flammable liquids or chemicals to clean the appliance and do not under any circumstances allow water to be used to flush the appliance as this could cause an electrical hazard;
  - \* Do not operate the machine if the power supply is damaged during the cleaning process;
  - \* Clean the casing with a soft, dry cloth or a damp cloth moistened with a neutral detergent.
- Regular cleaning ①Air conditioning outlet ②Air inlet ③Air inlet ④Hot air outlet.
- Care after each use and before storage:
    - \* After use, tilt the machine backwards for 15 to 20 minutes to drain the water from the water collection tray;
    - \* After draining the water, run the appliance in fan mode for 12 hours in a warm room to allow it to dry out and prevent mould. Then switch off and unplug the appliance from the mains.
    - ✧ If you intend not to use this product for a long period of time, please keep it in a safe place.
    - ✧ Please tilt the machine backwards for 30 to 60 minutes to drain the water from the water collection tray;
    - ✧ After draining, run the appliance in fan mode for 12 hours in a warm room to dry it out and prevent mould.;
    - ✧ When not in use for a long period of time, unplug the battery and the mains cable, remove the extension hose, drain hose, adapter, cold air extension hose connector and exhaust hose connector and store in a cool, dry place out of direct sunlight and moisture.

# Packing list

Serial number	Photos	Name	Number
1		Air conditioning mainframe	1
2		24V240W Adapters	1
3		80cm Drainpipes	1
4		Extension tubes	3
5		Cold air extension tube connectors	1
6		Extension connectors	1
7		Remote control	1
8		Instruction manual	1

# Environmental Checklist

Part name	Harmful substances					
	铅(Pb)	镉(Cd)	汞(Hg)	六价铬 (Cr+6)	多溴联苯 (PBBS)	多溴二苯 醚 (PBDE)
Compressors and accessories	X	○	X	○	○	○
Pipework and valves	X	○	○	○	○	○
Motors	X	○	○	○	○	○
Power cables/connectors	○	○	○	○	○	○
Rubber parts	○	○	○	○	○	○
Power adapters	X	○	○	○	○	○
Remote control	○	○	○	○	○	○
Other plastic parts	○	○	○	○	○	○

This form has been prepared in accordance with the provisions of SJ/T11364.

○: It means that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirement specified in GB/T26572.

X: This means that the content of the hazardous substance in at least one homogeneous material of the part exceeds the limit specified in GB/T26572. However, with the current technology it is extremely difficult to make the product components completely free of the above-mentioned hazardous substances, and the design will be gradually improved as technology progresses.

# Warranty Card

Product name		Date of purchase		Dealer (signature)	
Product type					
User Name					
Contact number					
Contact address					
Fault description				Date of repair	
				Maintenance staff	
Fault description				Date of repair	
				Maintenance staff	

Please ensure that the date of purchase is completed and stamped to ensure your rights, if not stamped and dated please keep the original invoice safe.

## Warranty Regulations

- 1、 When our products break down during use, please contact your local dealer or our company as soon as possible.
- 2、 Warranty period: the product warranty for one year (subject to the date of purchase invoice), within the warranty period of failure, after the company's professional staff Confirmation of its failure is not the cause of the user, the company free to give repair, replacement devices. The postage and transportation costs arising from the repair . The user is responsible for his own postage and transportation costs.
- 3、 Repairs will not be made free of charge even if the fault is within the warranty period, if it occurs due to the following circumstances:

- (1) Failure or damage caused by an accidental disaster or by man.
  - (2) Product failure or damage caused by improper use or handling impact or abnormal voltage.
  - (3) Failure or damage caused by unauthorised modification of the product or private dismantling for servicing.
- 4、 This warranty does not cover damage to or loss of the exterior of the product and any accompanying products, consumables and related accessories (packages, manuals, etc.).
  - 5、 This warranty card is for use within China (excluding Hong Kong, Macau and Taiwan) only.
  - 6、 Warranty cards must not be altered, falsified, etc.