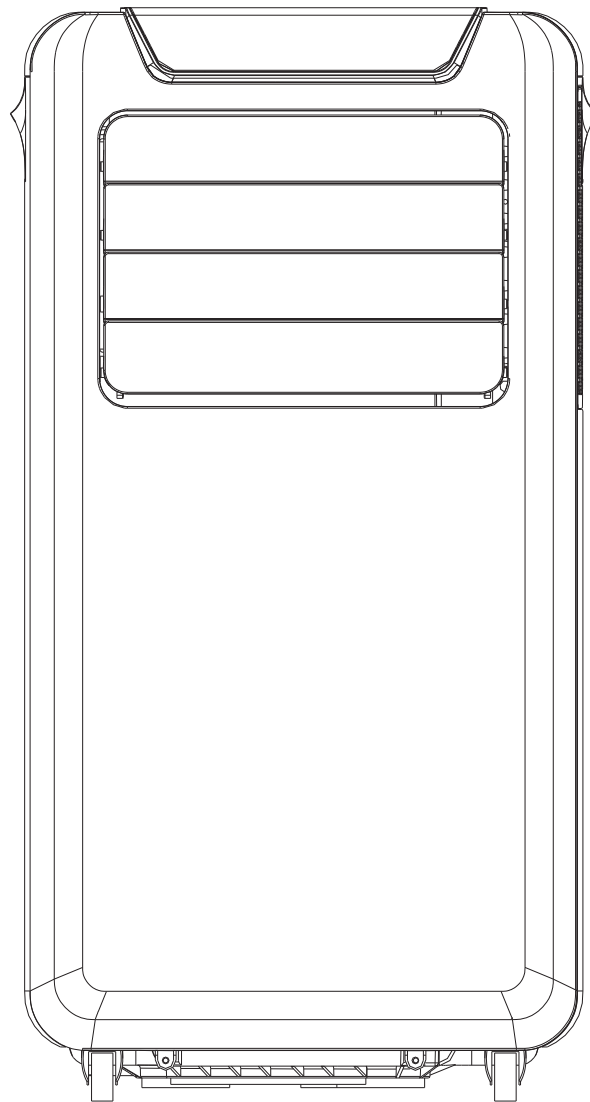




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823-029V70



IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

ASSEMBLY & INSTRUCTION MANUAL

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Introduction

Thank you for choosing this mobile air conditioner to provide you and your family with all of the "Home Comfort" requirements for your home, cottage or office. The appliance can be moved from room to room within your home and set-up in just minutes.

It is a multi-functional room air exchanging, air-processing appliance, designed to offer you the Functions of: Air Conditioning, Dehumidifying, Independent Fan and Heating. The external static Pressure at which the appliance was tested is 0 Mpa.

This manual will provide you with valuable information necessary for the proper care and maintenance For your new appliance. Please take a few moments and read the instructions thoroughly. If properly Maintained, your appliance will give you many years of trouble free operation.

Electrical Specifications

1. All wiring must comply with local and national electrical codes and be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check available power supply and resolve any wiring problems before installation and operation of this unit.
3. For your safety and protection, this unit is grounded through the power cord plug when plugged into a matching wall outlet. If you are not sure whether the wall outlets in your home are properly grounded, please consult a electrician. If supply cord is damaged, it must be replaced by the manufacture, its service agent or similarly qualified persons in order to avoid a hazard.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of fire, electrical shock or injury when using your air conditioner, follow these basic precautions:

1. Plug into a grounded 3 prong outlet.
2. Do not remove ground prong.
3. Do not use an adapter.
4. Do not use an extension cord.
5. Unplug air conditioner before servicing.
6. Use two or more people to move and install air conditioner.
7. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
8. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
9. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
10. The appliance shall be installed in accordance with national wiring regulations
11. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance.



12. Correct Disposal of this product

This marking indicates that this product should not be disposed with other household wastes throughout The EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, Recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, Please use the return and collection, systems or contact the retailer where the product was purchased. They Can take this product for environmental safe recycling.

13. Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.

Recommended by the manufacturer.

The appliance shall be stored in a room without continuously operating ignition sources for example: open flames, an operating.

Gas appliance or an operating electric heater.

Be aware that refrigerants.

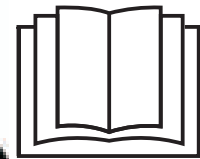
May not contain an odour.

Do not pierce or burn.

14. When the machine malfunctions, do not repair it yourself. Please contact a professional organization or a professional trained maintenance personnel or a service organization recommended by the supplier for repair!.
 - the maximum refrigerant charge amount: 210g



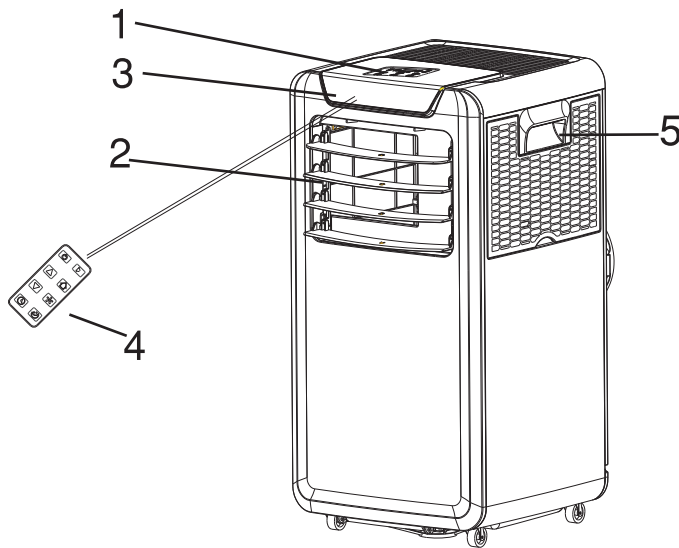
Caution, risk of fire



Identification of parts

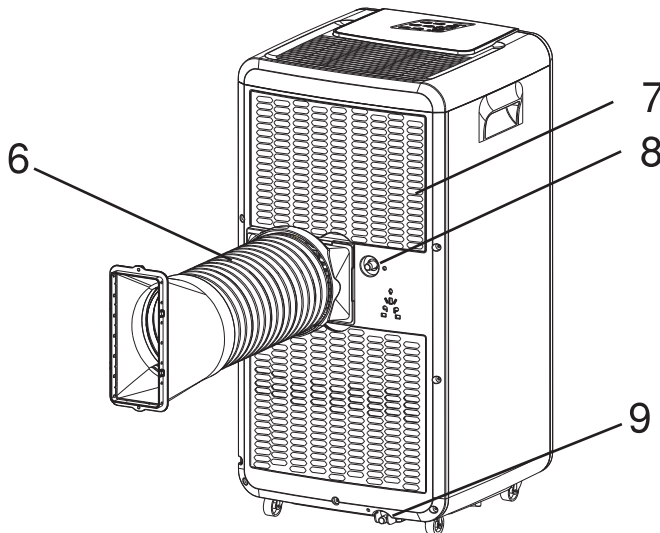
Identification of parts

• Front



- ① Control panel
- ② Cold air outlet
- ③ Signal receptor
- ④ Remote controller
- ⑤ Transport handle
- ⑥ Exhaust duct
- ⑦ Evaporator inlet
- ⑧ Continuous outlets
- ⑨ Drain

• Back






☑ *The figures in this manual are based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner you have selected.*

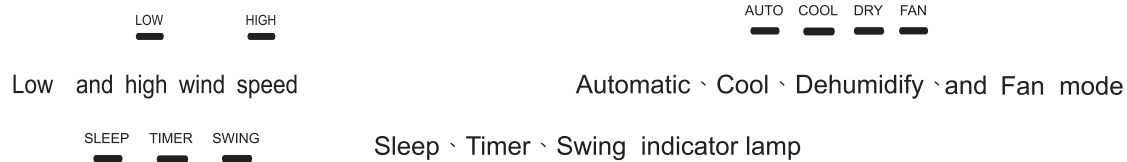
Identification of parts

Control panel

This section explains proper mobile air conditioner operation.




-  Power button
  Speed button
  Timer/Temperature up button
  Timer button
-  Sleep button
  Mode button
  Timer/Temperature down button
  Swing button



Control panel operation

Automatic, Cool, Dehumidify and fan Model operation.

1. Turn on the unit

- a) Plug in, then the unit beeps once.
- b) Press the “” button, then the unit is turned on.
The LED displays the room temperature



2. Select operating mode

Press the “” button to select a desired mode shown below:




3. Adjust Temperature

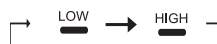
The temperature can be set within a range of 15 °C to 31 °C by 1 °C.

Press “” or “” button to increase or decrease the temperature 1 °C by pressing once.

The unit LED shows the target temperature for 5 seconds and then displays the room temperature.

4. Adjust Fan Speed

Press the “” button to select a desired fan speed shown below:



5. Power

When you press “” button again, the unit will emit “di” and stop working.

6. SLEEP

Press this button to enter the sleep mode of air conditioning

7. TIMER

Press this button to set a timed shutdown






8. SWING

Press this button to set swing.

Notice:

Each mode working principle

* mode

1. Once the  Operation is selected, the indoor temperature sensor operates automatically to select the desired operation mode with  or .
2. When the room temperature $\geq 24\text{ }^{\circ}\text{C}$, the unit will automatically select  mode.
3. When the room temperature $< 24\text{ }^{\circ}\text{C}$, the unit will automatically select  mode.

* mode

1. The up centrifugal fan will run at low speed, and the speed can't be adjusted.
2. The compressor and the down centrifugal fan will stop after running 8 mins, then run again after 6mins.
3. The unit adopts constant temperature dehumidifying mode, and the adjustment of temperature is no effective.

* mode

1. When the room temperature is higher than set temperature, the compressor starts to run.
2. When the room temperature is lower than set temperature, the compressor stop and upper fan operate at original set speed.





* mode:

1. The fan runs at set speed, and the compressor does not run.
2. The adjustment of temperature is no effective.


● operation

1. Press "Timer" button to set Automatic Off time while the unit is running.
2. Press "Timer" button to set Automatic On time while the unit is ready.
3. The time can be adjusted within a range of 1 hour to 24 hour. Press the temp up(+) or temp down(-) button to increase or decrease the time 1 hour by pressing once.


● operation

1. The  operation is effective when the unit is under  mode.
2. Press the  button in  mode, then the unit will work under sleep mode and the up centrifugal fan will turn to low speed automatically. The set temperature will increase $1\text{ }^{\circ}\text{C}$ after one hour, and increase $2\text{ }^{\circ}\text{C}$ after two hours. After six hours, the unit will stop running.

● operation

1. When the swing button is activated, the swing blade swings up and down automatically. If you want to stop, press the  button again.










Notice:

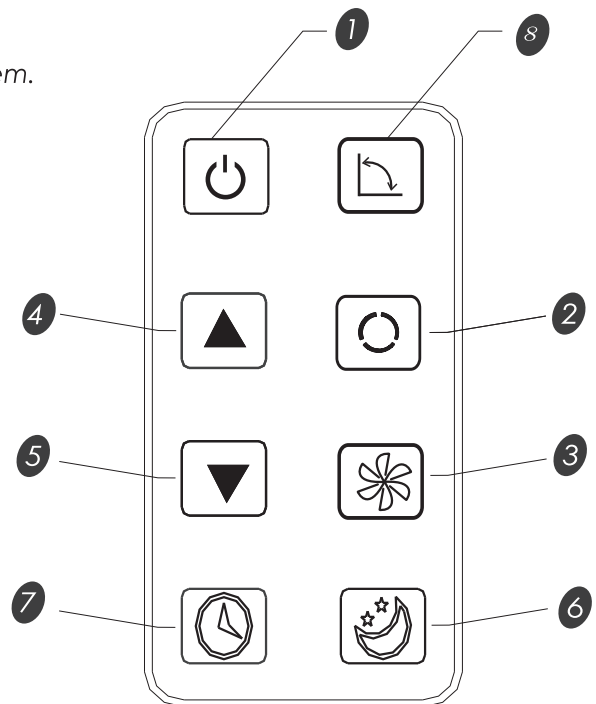
The main control board has memory function, when the unit is ready to run but in stop status, the main control board can memorize the initialization of working mode. When you turn on the unit, it will work as the same enactment of working-mode as last time, no need to reset the working mode again. (This condition is not available when the unit is under "" mode).

Remote controller

Remote controller

The remote controller transmits signals to the system.

- 1**  **BUTTON**
The appliance will be started when it is energized or will be stopped when it is in operation, if you press this button.
- 2**  **BUTTON**
Press this button to select the operation mode.
- 3**  **BUTTON**
Used to select fan speed in sequence
- 4** **5**  and 
SETTING BUTTONS
Used to adjust the room temperature and the timer.
- 6**  **BUTTON**
Used to set or cancel  Mode operation.
- 7**  **BUTTON**
Used to set automatic off and automatic on time.
- 8**  **BUTTON**
Used for automatic swing set.

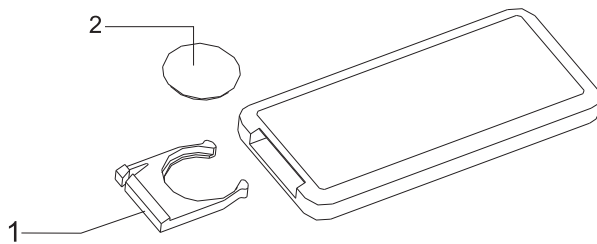


Remote controller

Remote controller

■ How to install batteries

● Inserting batteries



Slide the cover to open

Be sure the direction is correct

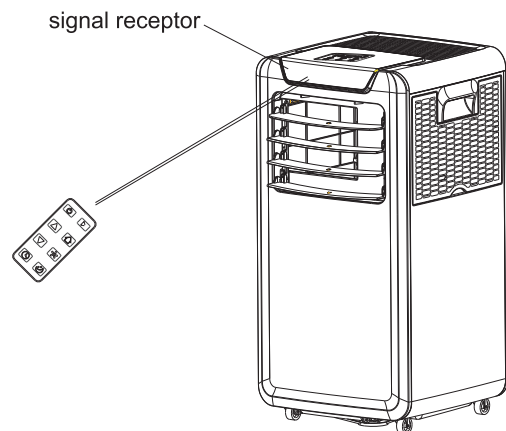
1. Open the back cover, and take off the isolating film on the batteries;
2. Put the batteries inside the slot, with anode and cathode in right directions;
3. Put on the back cover.

Notices:

- 1). The anode and cathode of the batteries must be corresponding to the signs of “+” and “-” on the remote control;
- 2). Do not use new battery cells together with run-down cells;
- 3). For long time no use, take out the batteries;
- 4). To prevent environmental pollution, take out the used batteries and dispose safely and appropriately.

● How to Use

To operate the air conditioner, aim the remote controller at the signal receptor. The remote controller will operate the air conditioner at distance of up to 5m (16.4 feet) when pointing at signal receptor of the air conditioner



Protection

Operating condition

The protective device may trip and stop the appliance in the cases listed below.

Cooling	Indoor air temperature is over 43°C (109°F)
	Room temperature is below 15°C (59°F)
Dehumidifying	Room temperature is below 15°C (59°F)

If the air conditioner runs in COOLING or DRY mode with door or window opened for a long time when relative humidity is above 80%, dew may drip down from the outlet.

Features of protector

- 1** The protective device will work in the following cases.
 - Restarting the unit at once after operation stops or changing mode during operation, you need to wait 3 minutes.
- 2** If the plug is taken out, when you restart the appliance, it will return to the original mode, TIMER ON and TIMER OFF must be set again,

drain water

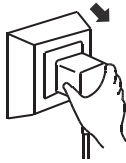
Special reminder: there is condensing water recycling hidden within this unit. The condensing water is partly kept recycling between the condenser and the water plate. When the water level rises to the upper level, the float switch and water full indicator (E4) lights on to remind draining water. Please cut off the power supply, move the appliance to a suitable place, remove the drain plug, drain water completely. after the drain, re-install the plug, or the appliance may leak and make your room wet. If the appliance is placed in a position admitting drain water, you also can connect the drain hose to the drain port to drain water.

Maintenance

Appliance maintenance

1 Cut off the power supply

Turn off the appliance first before disconnecting from power supply.



2 Wipe with a soft and dry cloth.

Use lukewarm water (below 40°C (104°F)) to clean if the appliance is very dirty.

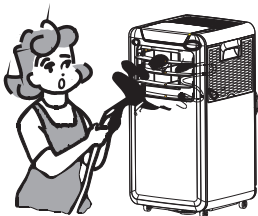


Use a dry and soft cloth to clean it.

3 Never use volatile substance such as gasoline or polishing powder to clean the appliance.



4 Never sprinkle water onto the main unit



**Dangerous!
Electric
shock!**

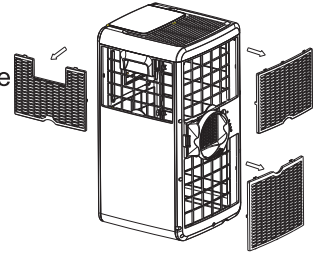
Air filter maintenance

It is necessary to clean the air filter after using it for about 100 hours.

Clean it as follows:

1 Stop the appliance and remove the air filter.

Stop the appliance first, then push up the air filter.



2 Clean and reinstall the air filter.

If the dirt is conspicuous, wash it with a solution of detergent in lukewarm water. After cleaning, dry it in a shaded and cool place, then reinstall it.



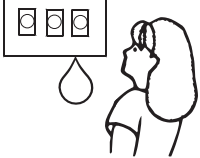

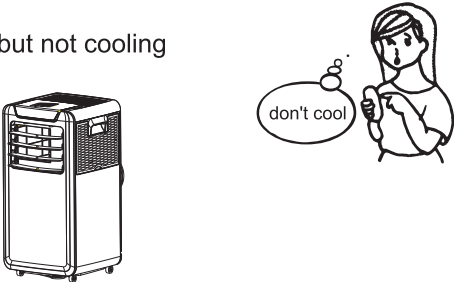
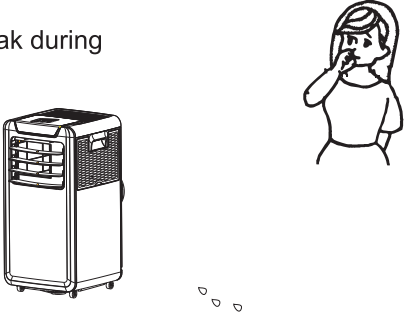

- ### 3
- ☑ Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.

Maintenance after using

1. If the appliance will not be used for a long time, be sure to Pull out the primary and the secondary rubber plug of the drain port , in order to drain the water.
2. Keep the appliance running with fan only for a half day during a sunnyday to dry the appliance inside and prevent from going moldy.
3. Stop the appliance and pull out the power supply plug, then take out the batteries of remote controller and store appliance properly.
4. Clean the air filter and reinstall it.
5. Remove the air hoses and store them properly, and cover the hole tightly.

Troubleshooting

The following cases may not always be a malfunction, please check suggestions below before asking for service.

Trouble	Analysis
<p>Does not run</p> 	<ul style="list-style-type: none"> • If the protector trip or fuse is blown. • Please wait for 3 minutes and start again, protector device may be preventing unit from working. • If batteries in the remote controller are exhausted. • If the plug is not properly plugged in.
<p>Runs for a short while only</p> 	<ul style="list-style-type: none"> • If the set temperature is close to room temperature, you can lower the set temperature. • Air outlet is blocked by obstacle. Take the obstacle away.
<p>Runs but not cooling</p> 	<ul style="list-style-type: none"> • If the door or window is open. • If there is another appliance heat-working. like heater or lamp, etc. . • The air filter is dirty, please clean it. • Air outlet or intake is blocked. • Set temperature is too high.
<p>Water leak during moving</p> 	<ul style="list-style-type: none"> • Drain the condensate before moving. • To avoid water leakage, please locate the unit on flat ground..
<p>Does not run and water full indicator "E4"</p> 	<ul style="list-style-type: none"> • Pull out the rubber plug to drain water. • If it is often in this state, please contact qualified service technical.

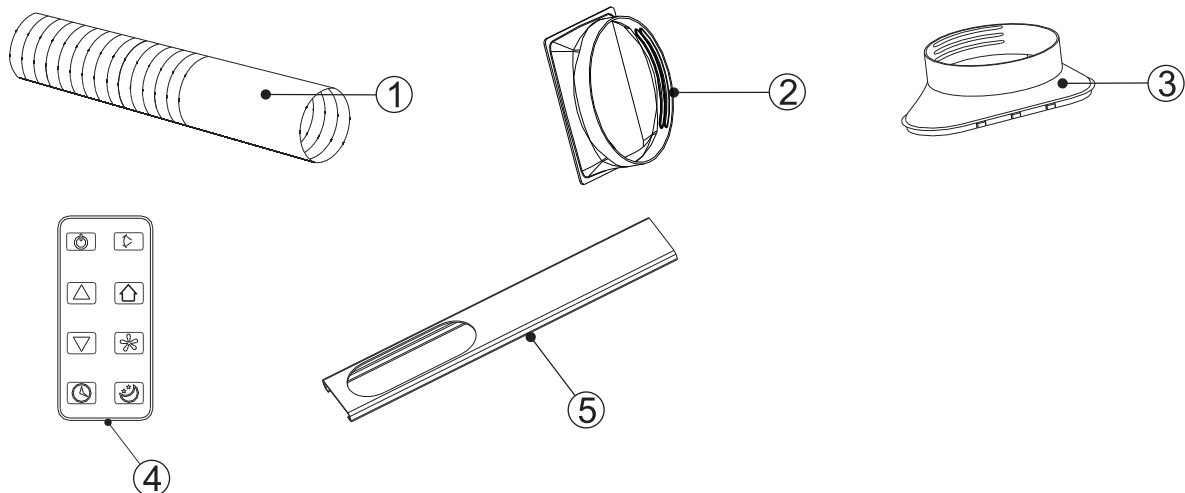
Troubleshooting

Before claiming repair, check the machine as follows:

Failures	Causes	Solutions
Machine fails to start up.	Power supply failure: 1. Not plugged; 2. Plug or socket damaged; 3. Fuse broken.	1. Plug in; 2. Replace the power cord or socket; 3. Replace the fuse by service provider (Specification: 3.15A/250VAC).
Machine automatically stops.	TIMING shut down or set temperature reached.	Restart or wait for auto-switch.
No cold air under COOLING mode.	1. Room temperature lower than set temperature; 2. Machine enters into anti-frost protection.	1. This is a normal phenomenon, the machine will auto-switch while the room temperature is higher than the set temperature; 2. The machine will auto switch after anti-frost protection is over.
LED displays failure code "E2"	Room temperature sensor fails or damaged.	Replace the room temperature sensor.
LED displays failure code "E3"	The evaporator oil pipe sensor fails or damaged.	Replace the evaporator coil pipe sensor.
LED displays failure code "E4"	Water-full warning.	Drain out the water.

Installation

Installation accessories



- ① Air exhaust duct
- ② Connector of air exhaust duct
- ③ Window exhaust adapter
- ④ Remote control
- ⑤ Baffle Plate

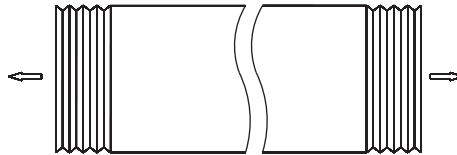
Select the best location

- Beside a window, a door or a French window.
- Keep the required distance from the return air outlet to the wall or other obstacles at least 19 ½" (60cm).
- Fix one end of the air hose on the air outlet underside the appliance.
- Extend the air hose to ensure that other end of the air hose has clearance between the window, door, or French window, or wall hole.
- Air outlet or intake cannot be blocked by protective grid or any obstacle.

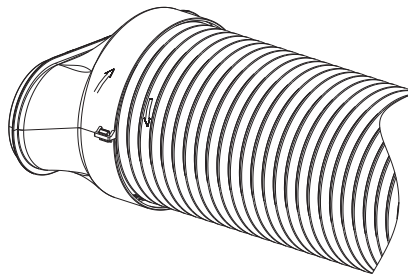
Install Exhaust Hose and Adapter

How to connect the connectors to the Air exhaust duct

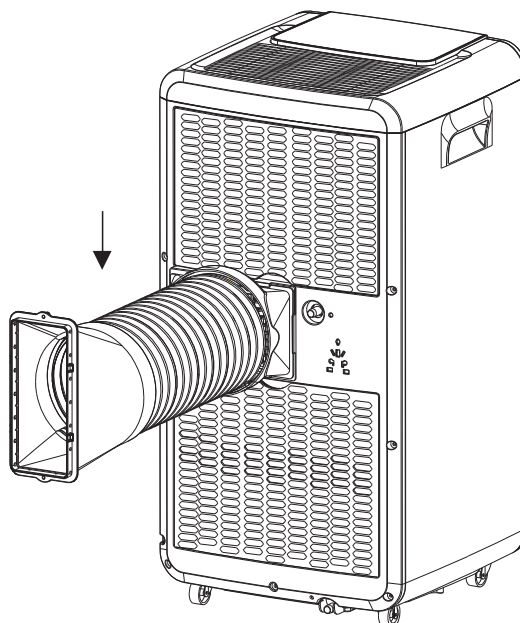
1. Extend the air exhaust duct by drawing out the two ends of the duct.



2. Screw the air exhaust duct into the connector of air exhaust duct.



3. Connect the connector of air exhaust duct to the unit.



Using Information

■ Warranty Information

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 year starting from the date on which the appliance is sold to the end user.

The repairs under warranty may only be carried out by an authorized service centre. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

- Normal wear and tear.
- Incorrect use, e.g. overloading of the appliance, use of non-approved accessories.
- Use of force, damage caused by external influences.
- Damage caused by non-observance of the user manual, e.g. connection to an unsuitable mains supply or non-compliance with the installation instructions.
- Partially or completely dismantled appliances.

■ Cautions

- Keep the unit at least 1 meter away from TV or radios to avoid electromagnetic interference.
- Do not expose the unit under direct sun light to avoid surface color fading.
- Do not tilt the unit for more than 35° or upside-down while transporting.
- Place the unit on a flat surface with less than 5° inclination.
- The unit operates more efficiently in certain room locations (see Technical Specifications).
- Empty the condensed drainage pan before putting the unit in storage to prolong the unit lifetime at the end of the season.
- Do not use chemical solvents (e.g. Benzene, alcohol-glazer) to clean the unit surface to avoid scratching, damaging the surface.
- Make sure to cut off the power before disassembling or installing the air-inlet fence.
- Please empty the water from the water tank, if you want to move the machine.
- The battery must be removed from the appliance before it is scrapped
- The battery is to be disposed of safely
- The plug must be removed before cleaning, maintaining or filling the appliance

Technical specifications

Model		FDP29-1151ZR5
Cooling Capacity		10000Btu/h/2900W
Cooling Input Power/Current		1050W/4.6A
Air Flow Volume (m ³ /h)		380m ³ /h
RatedVoltage /Frequenc(V/Hz)		220-240V~/50Hz
Sound Pressure Level (dB (A))		L _{PA} : 54dB(A)
		L _{WA} : 65dB(A)
Rated Energy Efficiency Ratio(EER _{rated})		2.6
Global Warming Potential (kg CO ₂)		3
EER _{rated} Class		A
Net Weight (Kg)		25kg
Dimensions WXDXH	Body (mm)	367 X353 X684mm
	Package (mm)	410X410X870mm
Refrigerant		R290
Applying Space(m ²)		10~20m ²
Miniature Fuse		3.15A 250VAC

