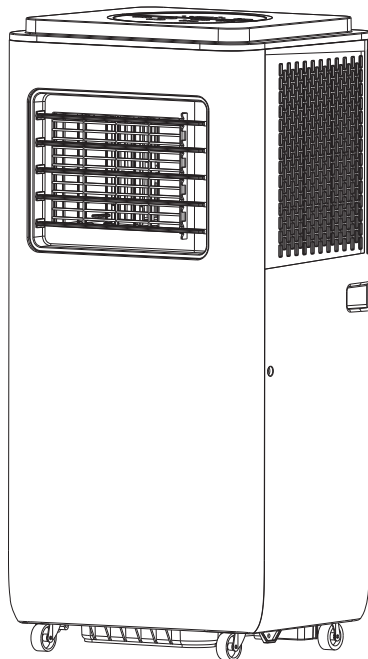


# Local Air Conditioner

## Use and Care Manual

Model: HA401W-29



**Thank you very much for purchasing Mobile Air Conditioner, please read this Use and Care Manual carefully before installing and using this appliance and keep this manual for future reference.**

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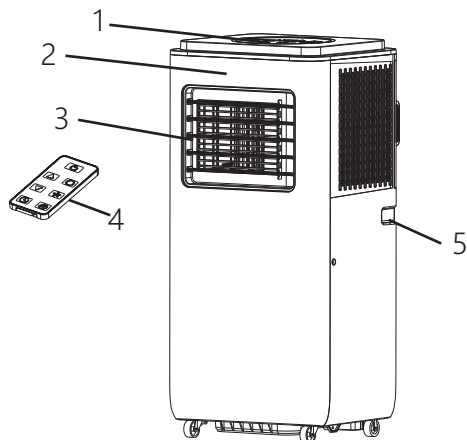




# Identification of parts

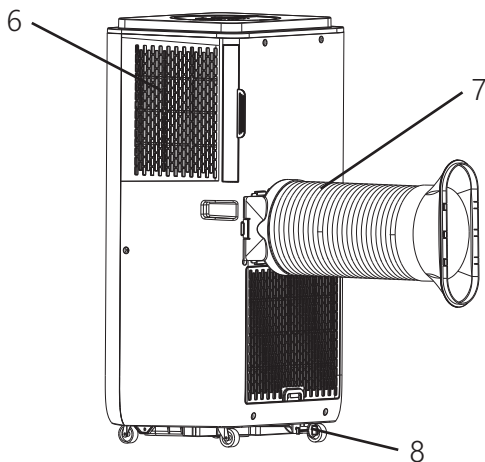
## Identification of parts

### • Front



- 1 Control panel
- 2 Signal receptor
- 3 Cold air outlet
- 4 Remote controller
- 5 Transport handle
- 6 Evaporator air intake
- 7 Air outlet hose
- 8 Primary drain port

### • Back

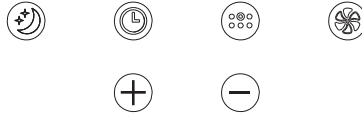











The figures in this manual are based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner you have selected.

# Identification of parts

## Control panel

This section explains proper mobile air conditioner operation.




-  Power button
-  Speed button
-  Timer/Temperature up button
-  Timer button
-  Mode button
-  Timer/Temperature down button
-  Sleep button
-  low, high Fan speed
-  **Automatic, Cool, Dehumidify and Fan mode**

## Control panel operation

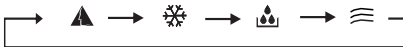
- **Automatic, Cool, Dehumidify, Fan, and heating Model operation.**

### 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 and operate in Automatic mode.

### 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.

**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  $\geq 24^{\circ}\text{C}$ , the unit will automatically select  mode .
3. When the room temperature  $< 24^{\circ}\text{C}$ , 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.

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  $1^{\circ}\text{C}$  after one hour, and increase  $2^{\circ}\text{C}$  after two hours. After six hours, the unit will stop running.

**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

 or 

4

### and

### **SETTING BUTTONS**

Used to adjust the room temperature and the timer.

6

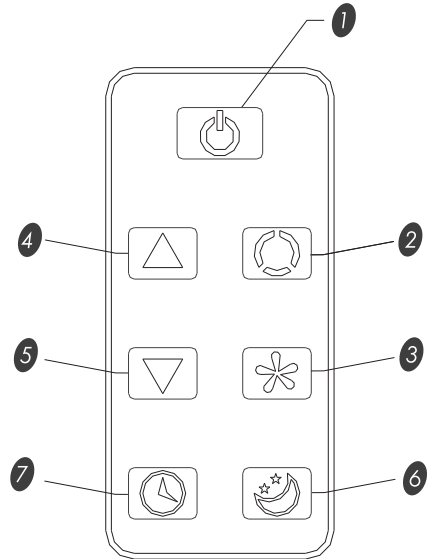
### **BUTTON**

Used to set or cancel  Mode operation.

7

### **BUTTON**

Used to set automatic off and automatic on time.

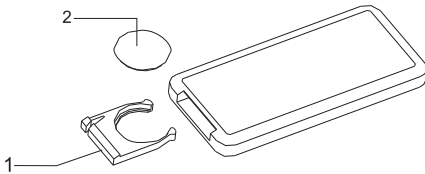


# Remote controller

## Remote controller

### ■ How to install batteries

#### ● Inserting batteries



Slide the cover to open  
Be sure the direction  
is correct

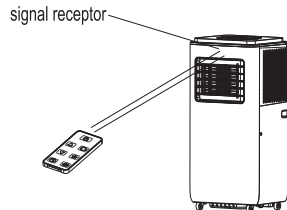
1. Open the back cover, and take off the isolating film on the batteries;
2. Put the batteries inside the slot, with anode and cathode in right directions;
3. Put on the back cover.

#### 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 |
|               | Room temperature is below 15°C      |
| Dehumidifying | Room temperature is below 15°C      |

*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.

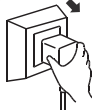
If the appliance is placed in a position admitting drain water, you also can connect the drain hose to the drain port to drain water.

# 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.

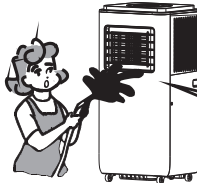


Use a dry and soft cloth to clean it.

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



### 4 Never sprinkle water onto the main unit



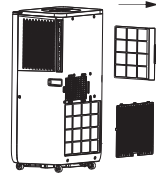
**Dangerous!  
Electric  
shock!**

## Air filter maintenance

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

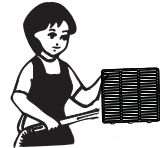
Clean it as follows:

### 1 Stop the appliance and remove the air filter.



### 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.




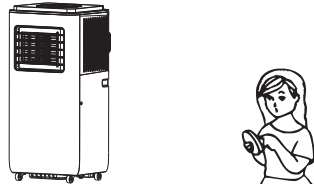
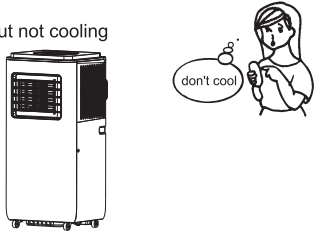
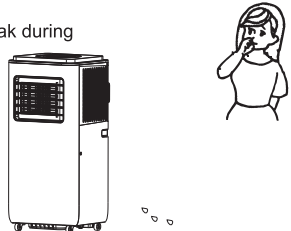

- ### 3
- ☑ Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.

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

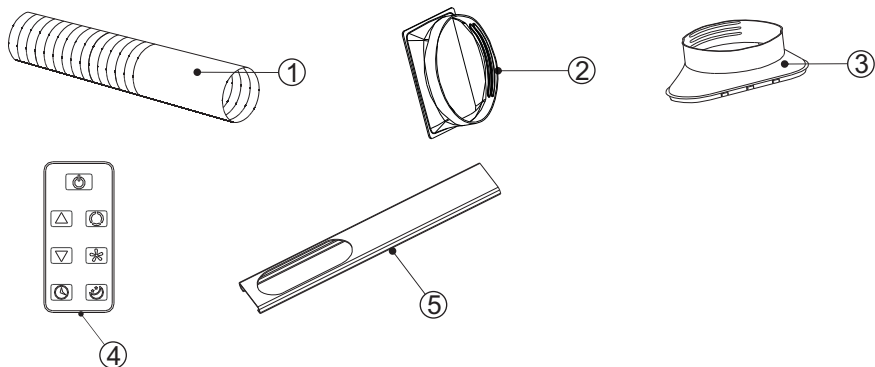
# Troubleshooting

Before claiming repair, check the machine as follows:

| Failures                        | Causes   | Solutions   |
|---------------------------------|--|---|
| Machine fails to start up.      | Power supply failure:<br>1. Not plugged;<br>2. Plug or socket damaged;<br>3. Fuse broken.        | 1. Plug in;<br>2. Replace the power cord or socket;<br>3. Replace the fuse by service provider (Specification: 6.3A/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;<br>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;<br>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

③ Window exhaust adapter

⑤ Baffle Plate

② Connector of air exhaust duct

④ Remote control

## 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  $19\frac{1}{2}$ " (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.

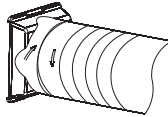
## Install Exhaust Hose and Adapter

How to connect the connectors to the Air exhaust duct

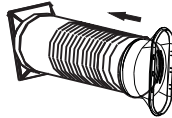
1. Extend the air exhaust duct by drawing out the two ends of the duct.



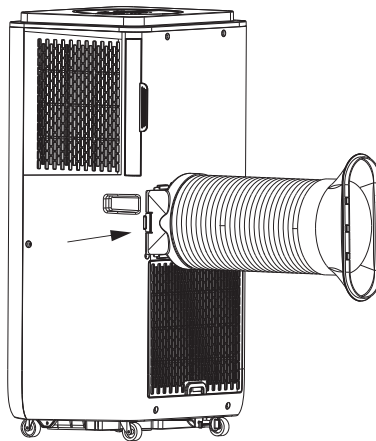
2. Screw the air exhaust duct into the connector of air exhaust duct.



3. Screw the connector of window into the plastic connector.



4. 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 (Germany: 2 years), 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   | HA401W-29                 |               |
| Cooling Capacity                                | 10000Btu/h                |               |
| Heatling Capacity                               | /                         |               |
| Dehumidifying Capacity (l/h)                    | 1.1 l/h                   |               |
| Total Input Current                             | 9.2A                      |               |
| Air Flow Volume (m <sup>3</sup> /h)             | 270m <sup>3</sup> /h      |               |
| RatedVoltage /Frequenc(V/Hz)                    | 115V/60Hz                 |               |
| Sound Pressure Level ( dB (A) )                 | L <sub>PA</sub> : 54dB(A) |               |
|   | L <sub>WA</sub> : 65dB(A) |               |
| Global Warming Potential (kg CO <sub>2</sub> e) | 675                       |               |
| EER <sub>rated</sub> Class                      | Classs I                  |               |
| Net Weight (Kg)                                 | 21Kg                      |               |
| Dimensions<br>W×D×H                             | Body (mm)                 | 440X335X710mm |
|   | Package (mm)              | 470X380X880mm |
| Refrigerant                                     | R32/230g(8.11Oz)          |               |
| Applying Space(m <sup>2</sup> )                 | 15-20m <sup>2</sup>       |               |
| Miniature Fuse                                  | 6.3A 250VAC               |               |