

Function and Technical Specification

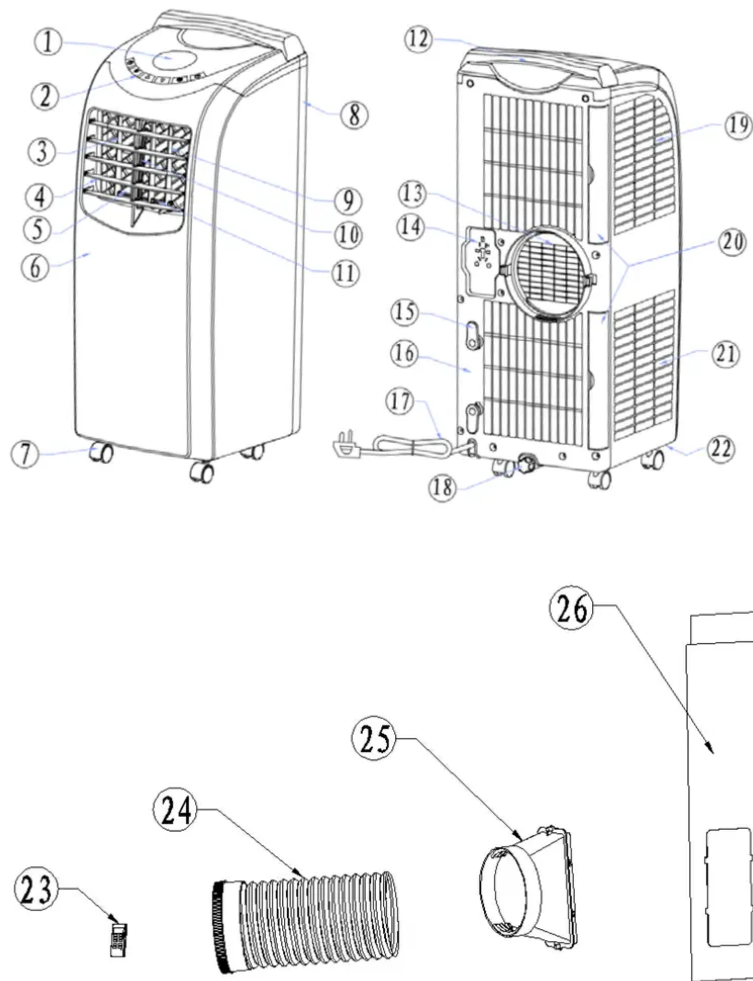
- This unit offers cooling, dry, fan and sleep modes, idea for home and office use;
- This unit is with two fan-speed levels accessible by panel control and remote control.
- Temperature setting range of this unit is 62.6-86°F (17-30°C).
- This unit is designed with various protection functions such as 24-hour programmable timer, auto condenser circle, super intelligent temperature sensor and water-full control and warning etc.

Features and Identification of Parts

1. Features

- New appearance and compact design.
- Both horizontal and vertical louvers can be manually adjusted to enhance cooling performance.
- Humanized pushing handle design.
- Remote control and LED panel control, more visualized.
- Power cord winding pillar with universal plug fixing holes to well protect the power cord.
- High position of exhaust air outlet, easy assembly and exhaust air venting quickly.
- 24-hour timer function, unique on/off reminding music.
- 3-minute delay re-starting protection to compressor and other multiple protection functions.
- Unique exhaust hose and fasteners design, convenient installation.

2. Identification of Parts:



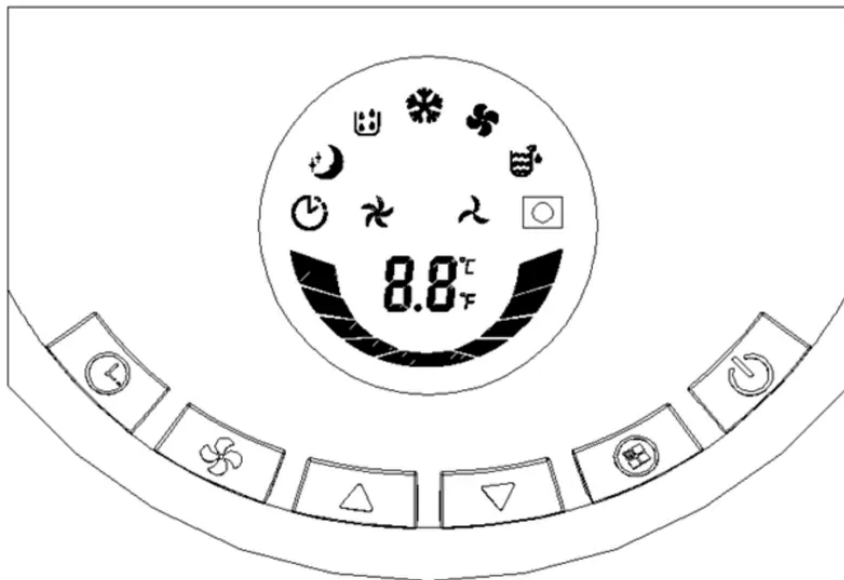
1. LED Display
2. Operational Buttons
3. Vertical louvers
4. Horizontal louvers
5. Air Outlet Window
6. Front Panel
7. Universal Wheel
8. Back Panel
9. Main Vertical Louver
10. Horizontal louvers connecting rod
11. Vertical louvers connecting rod
12. Handle
13. Protective Grid of exhaust air outlet



















14. Universal plug fixing holes
15. Wire winding pillar
16. Back Panel
17. Power cord
18. Drain hole and cover
19. Filter
20. Filters
21. Filter
22. Chassis
23. Remote controller
24. Exhaust hose assembly
25. Exhaust hose adapter
26. Window Seal-Plate Assembly

Operating and Setting

This section explains proper mobile air conditioner operation.

Control Panel





	On/Off button		Mode button		Up button
	Timer button		Fan speed button		Down button
	Timer indicator		High speed indicator		Low speed indicator
	Water-full indicator		Fan mode indicator		Dehumidify mode indicator
	Cool mode indicator		Sleep mode indicator		Remote control signal receiving window
	LED display window		Operation indicator		Celsius/ Fahrenheit temperature indicator

Control Panel Operation:


This unit is with Cool, Dehumidifying, Fan and Sleep modes operations.

1. Turn on the unit.


Plug in and all indicators light up on control panel and reminding music will be on, LED display window will show ambient temperature with range 50-95°F (10-35°C), unit is standby for operation.

Press  button, unit is on with reminding music sounded, and operates in Cool mode automatically, temperature set 75.2°F (24°C), fan runs at high speed, and  will light up.

2. Select operating mode



Press  button to select a desired mode shown below, and its corresponding indicator will light up.



Under cooling mode, press "Timer" + " " buttons together, the unit auto run in "Sleep" mode.

3. Adjust temperature

The temperature can be set within range of 62.6-86°F (17-30°C).

Press  or  button to increase or decrease the temperature 1.8°F (1°C) by pressing once.

Press  and  buttons together to convert Celsius degrees and Fahrenheit degrees and corresponding indicator will light up.

4. Adjust fan speed

Press  button to select a desired fan speed shown below.



5. Stand-by

Press  button once again, the unit will stop working with reminding music sounded.

Notice: working principle and function of each mode:

1. Cool mode:

- When room temperature is 1.8°F (1°C) higher than set temperature, the compressor and fan will start to run.
- When room temperature is 1.8°F (1°C) lower than set temperature, the compressor will stop working and fan keep running at original speed.
- The temperature can be set within a range of 62.6-86°F (17-30°C) and fan speed can be adjusted to high or low level.
- Unit On/Off time can be set.
- E1, E2 & E4 protection available (see Troubleshooting).
- Water-full warning function.


2. Fan mode:

- Fan runs at set speed, and compressor will not work.
- Fan speed can be adjusted.
- Room temperature will automatically show in LED display with range 50-95°F (10-35°C).
- Room temperature can't be adjusted.
- Unit On/Off time can be set.

3. Dehumidify mode:

- Fan will run at low speed automatically, and fan speed can't be adjusted.
- Room temperature can't be adjusted.
- Room temperature will automatically show in LED display with range 50-95°F (10-35°C).
- Unit On/off time can be set.
- E1, E2 & E4 protection available (see Troubleshooting).
- Water-full warning function.

4. Sleep mode:

- Under cooling mode, press "Timer" + "" buttons together, unit will auto run "Sleep" mode.
- Fan will be to low speed automatically and can't be adjusted.
- Room temperature is adjustable. Set temperature will increase 1.8°F (1°C) when unit running after 2 hours, increase 1.8°F (1°C) again after another 2-hour working, then temperature will be unchanged further.
- Room temperature will automatically show in LED display with range 50-95°F (10-35°C).

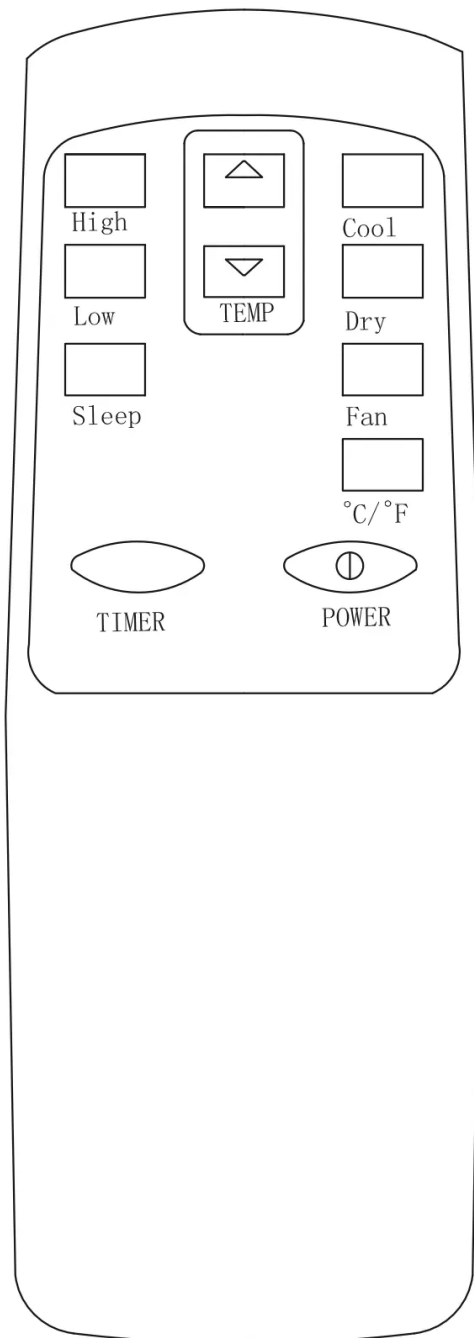
- On/Off time can be set.
- E1, E2 & E4 protection available (see Troubleshooting).
- Water-full warning protection.

5. Timer Operation

- Press “Timer” button to set automatic OFF time when unit is running, Timer indicator will light up.
- Unit will be off automatically when the set time is ready, and timer indicator is off, room temperature will show on LED display window.
- Press “timer” button to set automatic ON time when unit is off, Timer indicator is will light up.
- Unit will turn on automatically and working at original mode when the set time is ready, timer indicator will be off, room temperature is show on LED display window.
- When press “Timer”, Timer indicator will light up, 88 in LED display window will flash at 0.5 second frequency, press ▲ or ▼ button within 5 seconds to finish timer setting, set time will flash 5 seconds for confirmation, then room temperature will show in LED display window.
- Press “Timer” to check time remained when “Timer” function is on; Press “Timer” twice within 5 seconds to cancel timer.
- Only final time setting is effective if repeated setting.
- The time can be adjusted within a range of 1-24 hours, press ▲ or ▼ buttons, to increase or decrease 1 hour by pressing once.
- Unit will not change working mode after timer set. Timer will not stop by other functions.
- Timer will be ineffective if any operation from control panel or remote control to turn on or turn of the unit.

3. Remote Control Operation

The Remote control transmits the signal to system.



Power Button, press this button to start unit when it is energized or stop the unit when it is in operation.

Timer Button, press this button to set unit automatic on and off time

High Button, press this button to select high speed of fan running (except dry and sleep modes)

Low Button, press this button to select low speed of fan running.

TEMP UP Button, press this button to increase temperature or timer setting.

TEMP Down Button, press this button decrease temperature or timer setting.

°C/°F Button, press this button to make Celsius degrees and Fahrenheit degrees interchange.

Cool Button, press this button to select "Cool" mode.

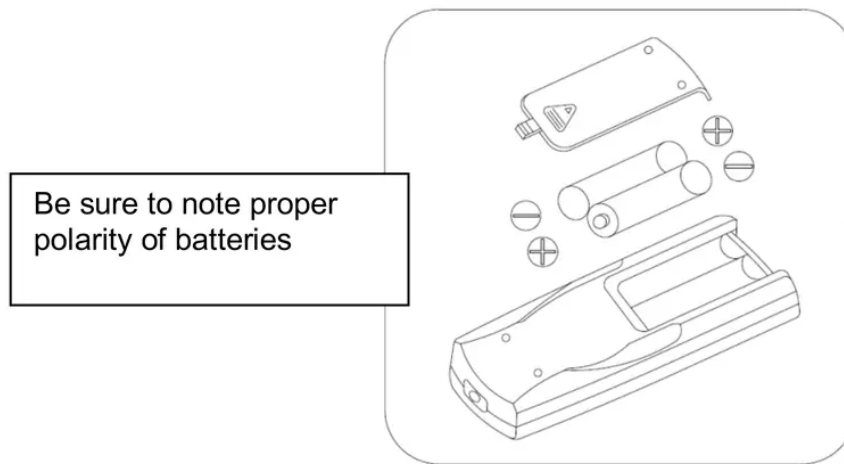
Fan Button, press this button to select "Fan" mode

Dry Button, press this button to select "Dry" or "dehumidifying" mode

Sleep Button, press this button to select "Sleep" function under cooling mode.

Before using your remote, install the AAA batteries into remote control.

1. Press and slide the battery cover on the back of the remote control, then you can remove the cover.
2. Insert two new alkaline AAA batteries into the battery compartment. Be sure to note the proper polarity.
3. Reattach the battery cover and make sure the locking tab clicks into place.



Notes:

- Use alkaline batteries only. Do not use rechargeable batteries.
- When replace batteries, always replace both batteries with new batteries, do not mix old and new batteries.
- If air conditioner will not be used for an extended period of time, remove the batteries from the remote control.

CAUTION:

- If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water, do not use the remote control if the batteries have any leakage.
- If you eat the liquid from the batteries, brush your teeth and see doctor. The chemicals in batteries could cause burns or other health hazards.


Multiple Protection Functions

1. Anti-freeze protection function:

Compressor, water spraying motor will turn off under cooling mode when compressor continuously running over 10 minutes and tube temperature (Tp) is continuously $\leq 35.6^{\circ}\text{F}$ (2°C) for 20 seconds under cooling mode, E4 will show in LED display window, the unit initiates the anti-frost protection process and all buttons(except for power button) are inactive.

Once the tube temperature $\geq 46.4^{\circ}\text{F}$ (8°C),the protection is relieved to recover into original status, and compressor apply to 3-minute delay protection.

2. Water-full safety alarm and shut-off protection function:

Warning sounds when the water volume reached its alarm level in water tank, and unit is automatically stop working, water-full mark  and "FL" is flashing on LED window. You need to drain the condensate for unit to automatically recover operation. (For more information about how to drain, refer to the "Drainage Instruction" please).

3. Delay protection function of compressor

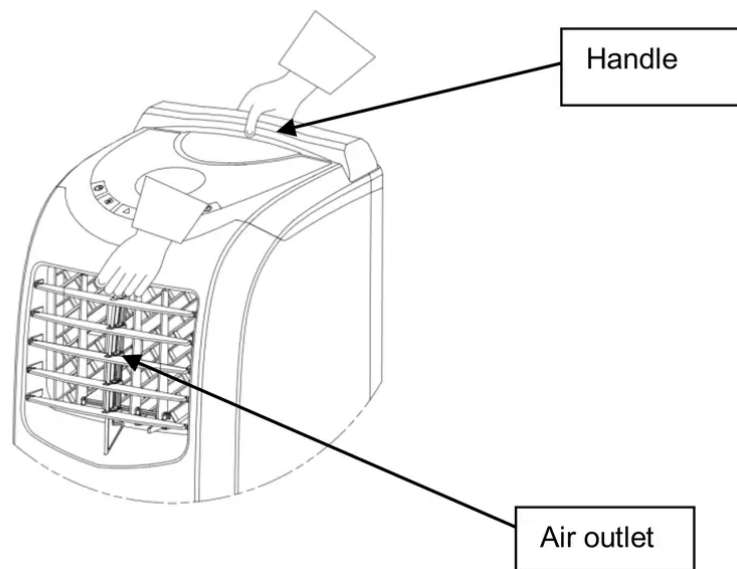
This unit offers restart protection to compressor. Except that the compressor may start immediately when the unit is energized first time, there is 3-minute delay restart protection after compressor is shut down.

Handling and Transportation

Hold the top of the air outlet in front panel with one hand and the handle at the top of back panel with another hand to move the unit in upright position


Notes:

- Do not hold the horizontal louvers by hand.
- Make the unit in the upright position whatever handling or moving it.
- Drain the water in the unit completely to prevent water leakage or wet the floor or carpet before handling or moving the unit.

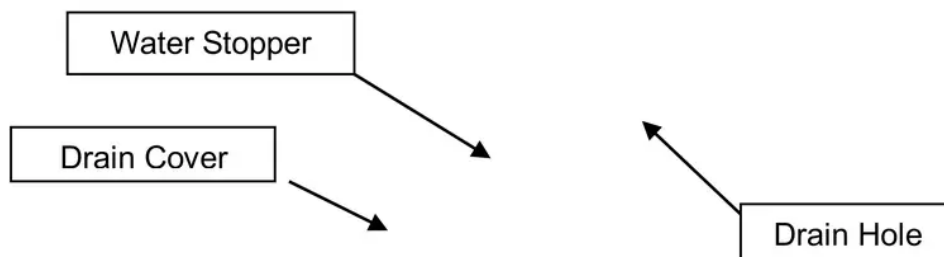


Drainage Instruction

1. Manual drain:

When the water volume reached its alarm level in water tank, warning sounds and unit is automatically stop working, water-full mark  and “FL” is flashing on LED window. Please drain the condensate according to below instruction for unit to automatically recover operation.

1. Put the tray below water outlet at the back of the unit.
2. Screw off the drain cover, unplug the water stopper for water flow into the tray.
3. Plug in stopper and screw the water cover tightly onto water outlet after drainage.

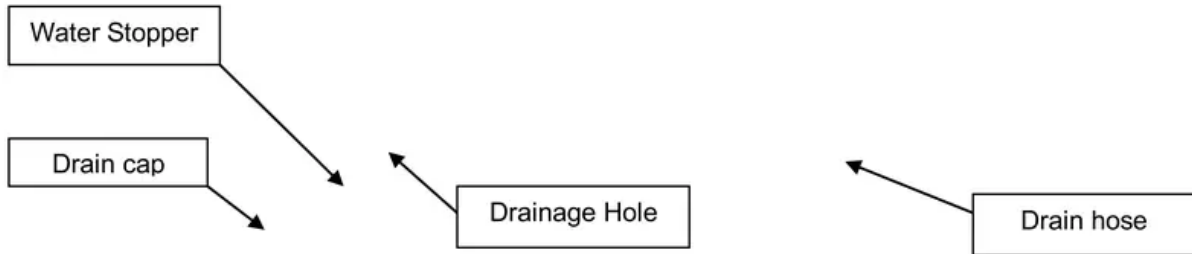


Notes:

- Protect the drain cover and water stopper properly.
- Move the unit carefully to avoid the leakage if it is necessary.
- Tilt the unit slightly backwards when draining.
- Block the drain hole as soon as possible before the tray is full if it can't hold all water in the unit to prevent the water leakage and wet the floor or carpet.
- Water stopper and drain cover must be tightly installed, to avoid new condensate to wet the floor or carpet when the unit re-starts working.

2. Continuous drain

1. Screw off the drain cover and unplug the water stopper.
2. Connect drain-hole with $\phi 13\text{mm}$ PVC drain hose, as deep as possible to avoid leakage.
3. Pull the drain hose to bathroom or outdoor.



Notes:

- Drain hose must be installed before unit starts working.
- It is suggested to use manual drainage when unit in cooling mode, to ensure enough water to recycle in the unit to cool condenser and enhance cooling performance.
- Put the drain hose in an inaccessible place, not higher than drainage hole and keep drain hose straight without any flexure.
- Keep the drain cover and its stopper properly installed when continuous drainage is adopted.

Maintenance and Service

Remark: Turn off the unit and pull out the plug before maintain or send the unit to service center.

1. Surface cleaning

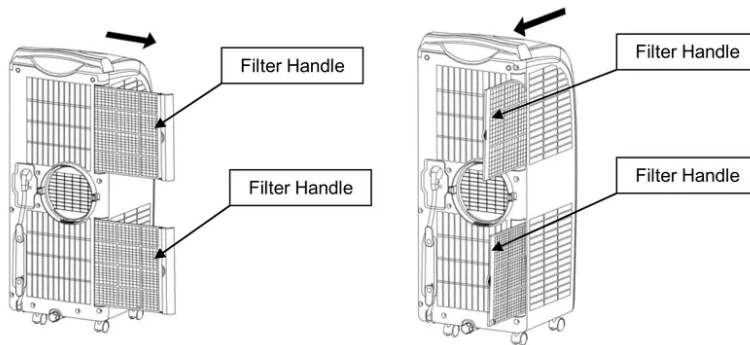
Clean the unit surface with wet and soft cloth, but do not use chemical solvents such as alcohol or gasoline to avoid damage to unit.

2. Filter cleaning

Clean the filter every two weeks, otherwise it would influence the unit function if filter clogged with dust.

How to clean filter

1. Grip the filter handle and take it out gently in correct direction shown by the arrow.



Notes:

Use even force to take out the filter.

Filters at back panel at priority then filter at side panel, to avoid any twist or damage to filter.

2. Clean the filters gently in warm water (about 104°F ~ 40°C) mixed with detergent then dry them in the shade.

Notes:

- Do not squash the mesh.
- Do not hit the mesh with sharp objects or brush.

Installation of the filter

Aim the end of the filter toward to slot then push it gently into slot in even force.

Special note:

- Be sure to install the filters to side panel at first then install the filter into back panel.
- Install the filter with opposite direction of removal.
- Install the filter into place gently to avoid any damage to filter.

End of Season Storage

1. Screw off the drain cover, pull out the stopper to drain water completely.
2. Keep unit running in fan mode with half day to dry inside completely to prevent it from going mouldy.
3. Turn off the unit, pull out plug then wrap the power cord around the wire-winding pillar, insert the plug into the universal fixing hole at the back panel of the unit, install the water plug and drain cap.
4. Remove the heat exhaust hose assembly, clean and keep it properly.

5. Pack the air-conditioner properly with soft plastic bag and put it in dry place with appropriate dust-proof measures, and keep the unit away from children.
6. Take out the batteries from the remote control and keep it properly.

Note:

- The tilt angle of unit must be less than 30 degrees.
- Hold the exhaust hose assembly with both hands when removal.
- Push the fasteners aside on exhaust air outlet using your thumbs, then pull out exhaust hose assembly.
- Assure the unit is stored in a dry place. All accessories of the unit shall be properly protected together.

Troubleshooting

Please check unit and suggestions below before asking for professional service, but never dismantle or repair the unit by yourself, it may cause harm to you and your property.

Trouble	Cause	Remedy
The unit fails to start up	Power supply failure	Connect the unit to a live socket and turn it on.
	Water-full and its indicator lighting	Drain the water stored in the unit.
	Ambient temperature too low or too high?	It is recommended to use this unit between 50-95°F (10-35°C).
	The room temperature is lower than the set temperature in cooling mode.	Change the set temperature.
Bad cooling effects	There is direct sunlight	Close the curtain
	The doors and windows are open, the room is crowded or there are other heat sources	Close the door and window, remove other heat sources, and add new air-conditioners.
	Dirty filter	Clean or replace the filter mesh.
	Air inlet or air outlet clogged	Remove the obstruction
High noise level	The unit is being placed at uneven surface	Put the unit at a flat and firm place (may reduce noise)
The compressor does not work.	Initiation of overheat protection.	Wait until the temperature decreases, the unit will re-start automatically.
The remote control does not work	Too long distance	Bring the remote control close to the air-conditioner and ensure its signal receptor on unit.
	The remote control didn't aim at signal receptor on unit.	
	The batteries have no electricity	Replace the batteries
LED displays error code "E1"	Tube temperature sensor failure	Check the tube temperature sensor and related circuits
LED displays error code "E2"	Room temperature sensor failure	Check the room temperature sensor and related circuits

Trouble	Cause	Remedy
LED displays error code "E4"	Anti-freeze protection	Restore the functions automatically once anti-freeze protection is over.
Water-full indicator lights	The water in chassis is full	Drain the water and re-start the unit.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

