



# Operation & Maintenance Manual



**CoolAir 14**

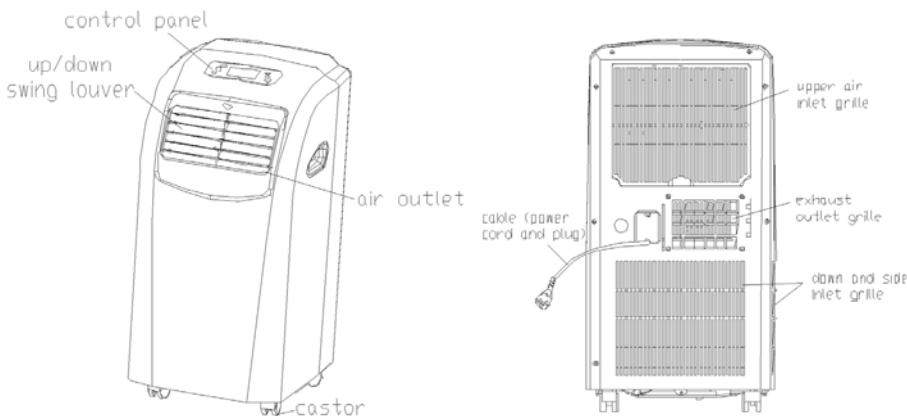
## **Table of Contents:**

1. Important Safety Instructions.....	2
2. Overview.....	3
3. Included Accessories.....	3
4. Installation .....	4
5. Control Panel.....	6
6. LED Display .....	6
7. Remote Control.....	7
8. Operation.....	8
9. Cleaning and Storage .....	9
10.Troubleshooting.....	10

## Important Safety Instructions

1. Read all instructions and keep for future reference.
2. This air conditioner must always be used, stored and transported upright.
3. After being transported, the unit should be stood upright for a few hours (at least 6 hours recommended) before being turned on. This time allows the compressor contents to settle sufficiently.
4. 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.
5. Young children should be supervised to ensure that they do not play with the appliance.
6. Always unplug the appliance from the mains when not in use.
7. Disconnect the power plug before attaching or removing accessories, and before cleaning.
8. To disconnect the appliance, turn it off, then unplug from the mains.
9. To unplug the appliance, always grasp the plug; do not pull the cord.
10. If the supply cord is damaged it must be replaced before further use by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
11. Do not use outdoors. This appliance is designed for indoor household use only.
12. Place the power cable away from areas where people walk so that it cannot be stepped on or tripped over.
13. Always use the appliance on a flat, stable surface.
14. Do not cover during operation.
15. Do not use or store the appliance where it may be exposed to water or any liquids. Do not use in or near a bathroom or laundry, near open windows, near a swimming pool etc.
16. Never clean this appliance when it is plugged in. Do not immerse it in water. Clean the outside surface with a damp cloth or soft brush and dry with a soft dry cloth.
17. Use the appliance only as directed in this manual. Misuse could void your warranty.
18. Avoid contact with moving parts; never insert any body parts or other objects into the unit whilst it is plugged into the mains, and especially when it is in operation.
19. Do not place the unit or any parts near an open flame, cooking or other heating appliances, or where oil could spill on it.
20. The power plug must be readily accessible during operation of the unit, in case of emergency.
21. The unit must not be used without the Exhaust Hose Pipe correctly installed as described in this manual.
22. Use the unit only for its intended purpose.
23. Do not use this unit with an extension cord unless the cord is approved for use by a qualified electrician or electrical supplier.
24. Never use the power plug as a means to switch off the air conditioner. Always turn off the unit with its control panel / remote control before pulling out the power plug.
25. After turning off the air conditioner, please wait at least 3 minutes before turning it back on, to maintain the compressor's operating lifespan.
26. The appliance shall be installed in accordance with national wiring regulations.

## Overview



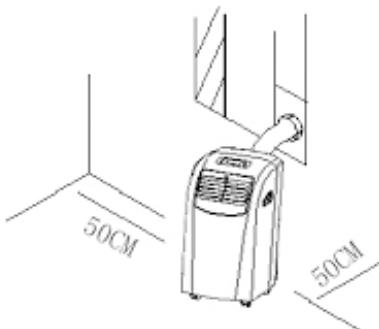
## Included Accessories

Parts	Parts name	Qty/set
	portable air conditioner	1
	exhaust hose	1
	flat fixing clip	1
	user's manual	1
	Remote controller	1
	Battery	1

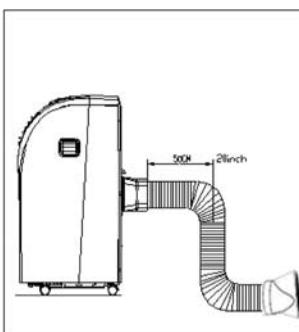
## Installation

### Location:

- 1) First, choose a window that opens outdoors – this is important so that the hot exhaust air from the air conditioner is dissipated efficiently away from the room.
- 2) The air conditioner must only be used on a flat, stable surface.
- 3) The air conditioner must not be used in the bathroom, laundry, kitchen or other places where water or other liquids could splash onto it.
- 4) Do not install in a location where the air conditioner will be exposed to a source of heat.
- 5) During use, the air conditioner should have a gap of 50cm on all sides, for sufficient ventilation.

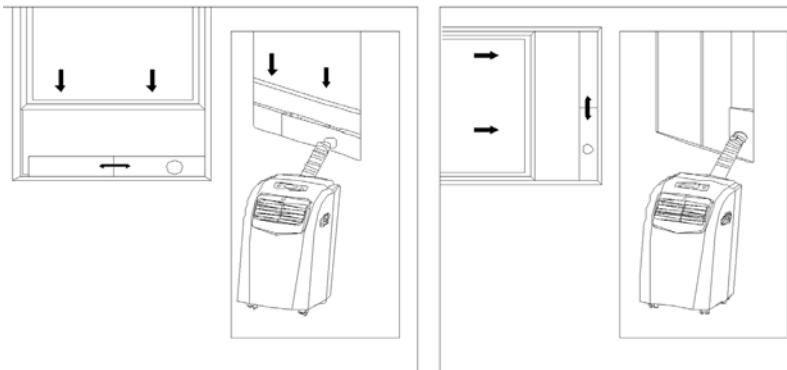


### Attaching the Exhaust Hose:



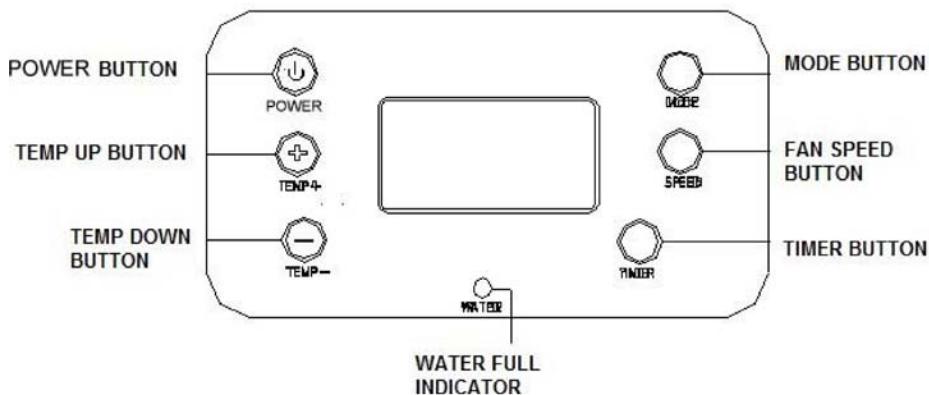
1. Twist the two Hose Connectors onto the two ends of the Exhaust Hose.
2. Slide the square Hose Connector into the slots over the openings at the rear of the air conditioner; the other (free) end will be connected once the Window Kit is installed.

Connecting to the Window Kit:



1. Place the Sliding Window Kit in the window near which the air conditioner will operate, then slide it out as far as it can (see diagram above for expansion range of the Window Kit in vertical-sliding and horizontal-sliding windows).
2. Slide the window so that there is no gap between the window and the Window Kit (this is important to prevent outside air from entering the room).
3. Finally, attach the free end of the Exhaust Hose into the gap in the Window Kit.

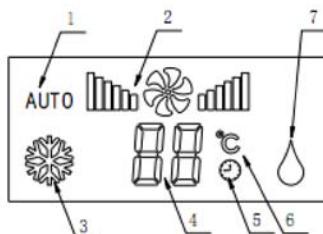
## Control Panel



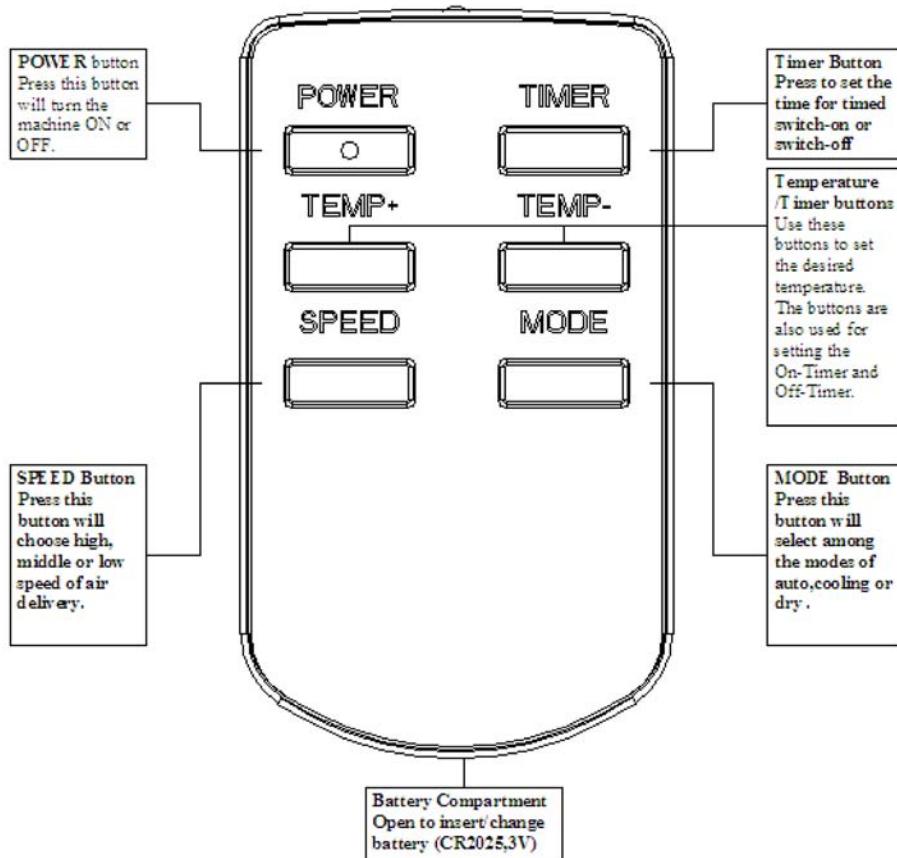
Button	Function
Power	Turns the unit on/off
Temp +	Increases set temperature
Temp -	Decreases set temperature
Mode	Changes the mode
Speed	Changes the fan speed
Timer	Sets Timer
Full Lamp	Indicates water full

## LED Display

1. AUTO Mode Indicator
2. Fan Speed Indicator
3. Cooling Mode Indicator
4. Temperature / Timer Display
5. Timer Indicator (when active)
6. Degree-Centigrade Indicator
7. Dehumidifier Indicator (when active)



## Remote Control



# Operation

## 1. Before Use

- Check that the Exhaust Hose has been mounted properly (see 'Installation' section). If the Exhaust Hose is not correctly used, hot air will blow back into the room you are trying cool.
- Check that the drain plug at the bottom rear of the unit is securely plugged in, to prevent water leaks (see '8. Draining the Water Tank').
- Check that the local mains power matches that shown on the rating label of the unit.
- Check that the location of the unit is suitable (flat, stable surface; away from sources water / heat).
- If the unit has recently been transported, let it stand for 6 hours to allow the compress contents to settle.

## 2. Turning on the Air Conditioner

- Plug the power cord into a power outlet (do not plug any other devices into this outlet).
- Press the POWER button to turn on the air-conditioner.

Note: Do not turn on the air conditioner within 3 minutes of turning it off.

## 3. Cooling

- Press the "Mode" button till the "Cooling Mode" Indicator appears.
- Press the TEMP+ or TEMP- button to select a desired room temperature: 16°C to 31°C.
- Press the "Speed" button to select air speed: Low / Medium / High.

## 4. Dehumidifying

- Press the "Mode" button till the "Dehumidifier" Indicator blinks
- The temperature automatically set to [(current room temperature) - (2°C)], and the fan speed is set to Low.

## 5. AUTO Mode

- According to the current room temperature ,automatically select the mode: cooling, dehumidifying or dry (see table).

Room Temperature (Tr)	Tr < 23°C	23°C < Tr < 26°C	Tr > 26°C
Mode	Fan	Dehumidify	Cooling
Set Temperature	—	23°C	25°C

## 6. On-Timer Operation

- When the air-conditioner is OFF, press the "Timer" button and select (with the "Temp+" and "Temp-" buttons) a time after which the air conditioner will turn ON.
- The time period can be set in 1-hour increments (up to 24 hours) and is shown in the LED Display

## 7. Off-Timer Operation

- When the air-conditioner is ON, press the "Timer" button and select (with the "Temp+" and "Temp-" buttons) a time after which the air conditioner will turn OFF.
- The time period can be set in 1-hour increments (up to 24 hours) and is shown in the LED Display.

## 8. Draining the Water Tank

This Air Conditioner has an internal water tank that collects water that condenses inside the unit during normal operation. When this water tank fills with water, the 'Water Full' Indicator on the Control Panel will blink, and the water tank must be emptied before further use is possible.

The water tank can be emptied in one of two ways:

### **Manual Drainage – as required**

If a suitable drain is not available, one option is to drain the water manually whenever the water tank eventually fills (as indicated by the blinking 'Water Full' Indicator).

To do this, you will first need a large container to collect the water in. Place the container under the Water Drain Outlet, then carefully remove the rubber stopper from the Outlet so that the water in the water tank drains into the container.

Note: when unplugging the stopper, water may spurt out, so be careful with the container.

### **Manual Drainage - Continuous**

To do this, one end of the drain pipe must be connected to the Water Drain Outlet during use, and the other end leading to a water drain or similar. No section of the drain pipe must be raised for this drainage method to work.

Note: continuous drainage may affect the air conditioner's efficiency, and so manual drainage is preferable for normal use.

## **Cleaning and Storage**

**Important:**

- Before cleaning, be sure to unplug the unit from the power .
- Before storage, it is important to drain the water from the water tank completely (see 'Operation' section).

### **1. Cleaning the Air Filter**

If the air filter becomes clogged with dust/dirt, the air filter should be cleaned. Cleaning the filters once every two weeks of use is recommended.

- Dismounting  
Open the air inlet grille and take off air filter.
- Cleaning  
Clean the air filter with neutral detergent in lukewarm water (<40°C) then dry in the shade.
- Mounting  
Putting the air filter into the inlet grille; replace the components as they were.

### **2. Cleaning the outer surfaces of the Air Conditioner**

Do not wash the unit directly with water; use a clean cloth (lightly dampened with water and some neutral detergent if necessary) to wipe away dirt, then use a dry cloth to thoroughly dry the unit before further use.

## Troubleshooting

Trouble	Check	Action
Air conditioner does not operate at all	Is there power? Is it plugged in? Did the fuse or circuit breaker break off? Is SET TIME suitable?	Push the plug into the wall socket Change the fuse Change SET TIME
Cooling efficiency is not good	Is air inlet or outlet blocked? Is there any other heat source in room? Are air filters very dirty? Is SET TEMP suitable? Is indoor fan speed set at low?	Clear the blockage Move the heat source Clean the air filter Set suitable temperature Set suitable fan speed
Too much noise and vibration	Is the inner liquid (refrigerant-gyration) flowing inside? Is unit leveled?	Place it in a horizontal floor

### CAUTION

In case of major malfunction as below, pull plug out immediately and call for service.  
The fuse and switch often break.

The power cord is superheat or the sleeve of the cord broken.  
Something abnormal.

Self-diagnosis function

Our company provides the end-users with thoughtful services by installing various diagnostic system to indicate the following irregular performances.

Check Code	Diagnosis of Malfunction
FAULT E0	Open circuit or short circuit in room temperature sensor
FAULT E2	Indicates water full



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