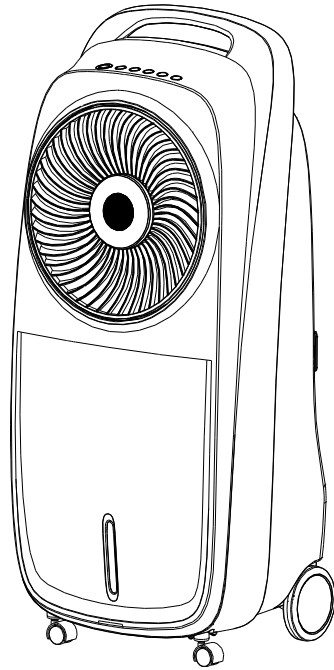


CORnell[®]

User Manual



Air Cooler

CAC-PD63ECO


Safety Warnings and Precautions


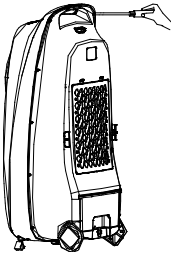


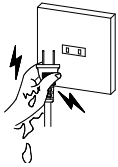
In order to avoid dangers caused by misoperation and use the machine more conveniently, please pay attention to the following precautions which are indicated by icons. Please get familiar with the icons below, and read the Operating Instructions.

WARNING:

1. 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 the use of appliance by a person responsible for their safety.
2. Cleaning and user maintenance shall not be made by children without supervision.
3. 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.
4. Unplug the appliance during filling and cleaning.
5. The appliance is only for household and indoor use.

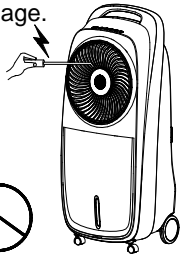
● **Symbol Meaning Description**

 <p>Warning</p>	<p>Indicate that could result in death or serious injury, or property damage</p>
<p>General prohibition</p>	<p>Indicate the behaviors that must be absolutely prohibited</p>
<p>Must Obey</p>	<p>Indicate the content that must be enforced</p>

<p>■ If the product has problem, please send it to the repair station or notify the service center. Do not disassemble or replace parts without permission.</p> <p>■ Disassembly and alteration without permission will affect the safety of the product.</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">  <p>Disassembly prohibited</p> </div>  </div>	<p>■ Do not touch the power cord with wet hands.</p> <p>■ Risk of electric shock.</p> <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;">  <p>Electric shock</p> </div> <div style="text-align: center;">  <p>Do not touch</p> </div>  </div>
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- Never insert wood sticks, metal sticks and other objects into the air inlet and outlet.

- It may lead to current leakage, short circuit and product damage.



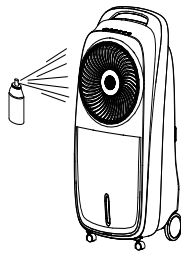
Electric shock



General prohibition

- Do not spray insecticides or flammable sprays around the product.

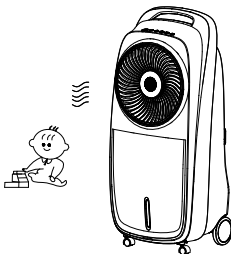
- It may cause damage to the product.



General prohibition

- Avoid direct blowing to children for long time.

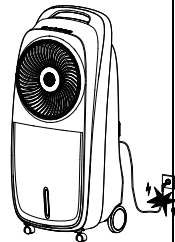
- It may lead to child sickness or affect the health.



General prohibition

- Do not pull the cord when unplug the power plug.

- It may damage the power cord and cause current leakage and other hazards.



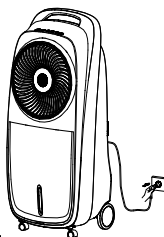
Electric shock



General prohibition

- Make sure that no foreign matter is adhered to the power plug and insert the plug completely.

- It may cause current leakage.



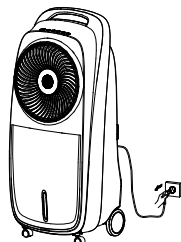
Electric shock



Must Obey

- Exception handling

- If there is any peculiar smell or abnormal sound when using the product, stop it immediately and disconnect the power.

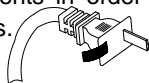


Must Obey

- Do not use the product if the power cord is exposed or damaged.

- It may cause current leakage, short circuit and fire hazard.

- If the power cord is damaged, it must be replaced by qualified personnel of the manufacturer, repair or similar departments in order to avoid hazards.



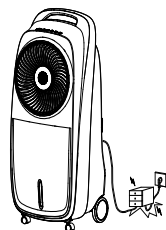
Electric shock



Must Obey

- Do not bend the power cord or place heavy objects on it.

- It may cause current leakage.



Electric shock



Must Obey

●The water level of the tank mustn't exceed the maximum level. When the cooling or humidification function is turned on, the water level shouldn't be lower than the minimum level.

■Do not tilt or impact the device when placing or moving it after filling water, in order to prevent water spilling.



Electric shock



Must Obey

●If the product has ever inclined and there is water inside, immediately pull out the plug, and dry 24 hours before starting again.



Electric shock



Must Obey

●If you go out or the device won't be used for a long time, turn it off and unplug the power cord from the outlet.

●Do not use the device if children, animals or persons lack of self-control are unattended.



Must Obey

●Only use the power outlet that meets the requirements and the load capacity of the outlet shouldn't be lower than 10A/250V.

●Make sure that the supply voltage and the voltage designated on the nameplate are consistent.

●Confirm the voltage when the device is moved.



Must Obey

●When the tank is filled with water, do not lift the product by holding the handle, or else the water in the tank will overflow. Please push the handle. If there is no water or little water in the tank, you can hold the handle to lift the device.



General
prohibition

●During humidification, do not remove the air filter and wet curtain bracket. It may cause water droplets ejection from air outlet.

●Do not turn the blades with hands, or else it will damage the synchronous motor



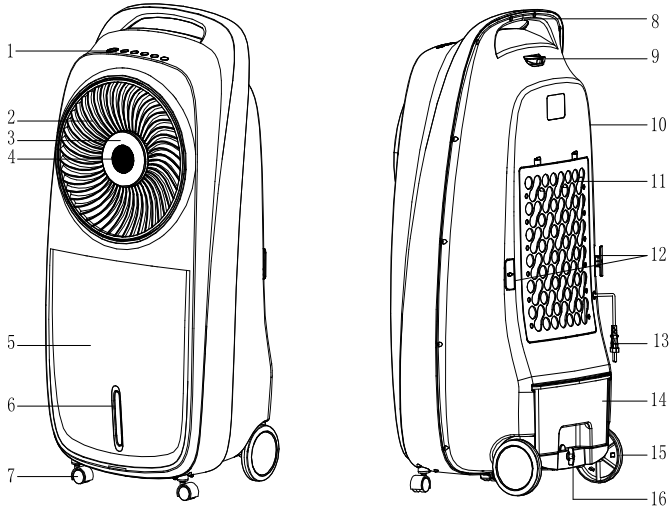
Must
Obey

Functions and Features

1. Wind mode: normal, natural, sleep, and smart
2. Third levels: high, medium, and low
3. Humidifying / cooling
4. Timing shutdown: schedule time increases by 0.5h; maximum schedule time 8H
5. Wind direction: 360° rotation of the blades
6. Electronic key control, digital tube displays timing and temperature
7. Infrared remote control
8. Full pumping water tank, easy to clean
9. Ultra large high quality wet curtain with high evaporation and good cooling effect
10. Spray water circulation cooling technology, large recycling capacity, faster cooling
11. Power failure protection; tank water shortage protection
12. Double air filtration
13. Universal front caster wheel design

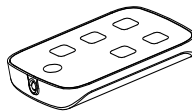
Names and Functions of Parts

● Product structure



- | | |
|----------------------------|-------------------------------|
| 1. Button | 2. Blade |
| 3. Function display window | 4. CD grain decorative sheet |
| 5. Front shell | 6. Water level display window |
| 7. Universal casters | 8. Handle |
| 9. Remote repository | 10. Back shell |
| 11. Air filter | 12. Reel |
| 13. Power cord | 14. Water tank |
| 15. Casters | 16. Tank lock |

● Accessory



Remote control

- **Operation pane**



- **Display panel diagram**



- **The operation panel of the remote control is subject to the importing country.**



Product Installation Method

● Installation method

The product can be used directly after unpacking (without installation).

● Method of use of function buttons

1. Plug in the power, the buzzer sends "bibi" sound, and the system enters standby mode; if there is no button operation within one minute after any light and digital tube turn on, the light and the digital tube turn dark (33% brightness); if the button is operated, the light and the digital tube become brighter (similar to AF1816C).
2. **Power on/off button:**
 - a. In power on state, press this button to send a long Bi- sound, and the device turns off and enters standby mode.
 - b. In power off state, press the Power on/off button, and all LED lights flash sequentially clockwise in three seconds; then it enters default working state, except the timing, sleep and natural mode. (Note: The device enters default working state only when the power cord is unplugged for the first time; if the device is turned off and the power cord isn't unplugged, it will enter last state when the Power on/off button is pressed)
Below is default working states:
 - Normal mode by default after turning on, no LED display;
 - Digital tube displays ambient temperature, "C" indicator turns on;
 - Blade indicator is off;
 - Cooling/humidification are off;
 - Start at medium level, turn to level low after three seconds;

3. **Speed button**

In power on state, press the Speed button to switch among low, medium and high level.

4. **Cooling/humidify button**

In power on state, press this button to switch on/off cooling/humidification, and the corresponding indicator displays its function.

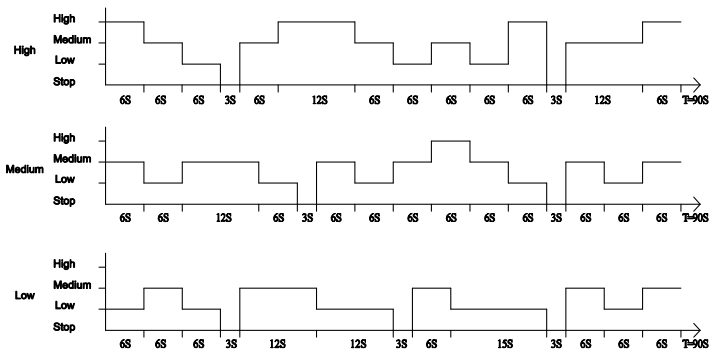
5. **Timing button**

- a. After turning on, the timer is turned off by default, and the digital tube displays ambient temperature; when the button is first pressed, the "H" indicator turns on, and the timer is set to 0.5h; the time increases by 0.5h when the button is pressed every time, and the timer can be set up to 8.0 hours; if the button is pressed again, the digital tube displays 00, and the timer turns off; press the button again to repeat the cycle; within 2-3S after setting the time, it displays the ambient temperature, and "C "indicator turns on
- b. In timer state, the last 0.5 hour counts down, the digital tube displays remaining time (not ambient temperature), and enters standby state after reaching specified time.

6. **Mode button**

In power on state, press this button to switch the working mode among normal, natural, sleep and smart.

- Normal: running at a constant speed setting.
- Natural: running at changing wind speed; in natural wind state, LED only displays the set level, which doesn't change with the wind speed, same as natural wind.



- Sleep: running at natural wind, decreasing by one level every 30 minutes; in sleep wind mode, LED only displays the set level, which doesn't change with the wind speed, same as natural wind.

High speed: 30 minutes at high speed, 30 minutes at medium speed, 30 minutes at low speed

Medium speed: 30 minutes at medium speed, 30 minutes at low speed

Low speed: running at low speed natural wind

- Smart: Integrates NTC detecting ambient temperature

The specific functions of smart mode are as follows: When the ambient temperature is below 25°C, it runs at low speed wind; when the ambient temperature is 25-29°C, it runs at medium speed wind; when the ambient temperature is above 29°C, it runs at high speed wind. Meanwhile, when the smart mode is turned on, the ambient temperature digital tube + smart mode indicator + wind speed indicator flash three times simultaneously at one second interval to prompt that smart mode is enabled, and the corresponding wind speed indicator turns on; you can press the Speed button to cancel the smart mode and return to normal wind.

7. Swing button

- a. In power state, press this button to switch on/off the rotary blades; the corresponding indicator displays its function; the blades rotate 360° clockwise.
- b. Press and hold the “Swing” button and “Timer” button simultaneously for 3 seconds to cancel the sound; press and hold the two buttons again to turn on the sound.

● Protection function

1. Tank water shortage protection:

- a. If the software detects tank water shortage protection switch off (water shortage) for 5 seconds continuously when the water pump has been running for 45 seconds, the pump stops working; the buzzer sends bibi alarm sound for 10 seconds (software control)
- b. Press the Cooling/Humidify button for three times within three seconds after power on, and the device sends BIBI sound (same as the sound of 5-50°C forced heating of the heater) and enters the quick water shortage detection status.
- c. In quick water shortage detection status, press the power button and then press the Cooling/Humidify button, and the device will detect water shortage in 3 seconds (originally 50 seconds), and sends water shortage alarm.
- d. The quick water shortage detection is canceled after pressing the Power off button.

2. Tank extraction protection:

When the water tank is extracted, the machine power is cut off and the buzzer sends BiBi sound; when the water tank is put back, the buzzer sends BiBi sound, and the power enters standby mode.

3. Power failure memory function

In power on state, when power is restored after power failure, it sends "bi" sound 10 times (once per second), no display or action;

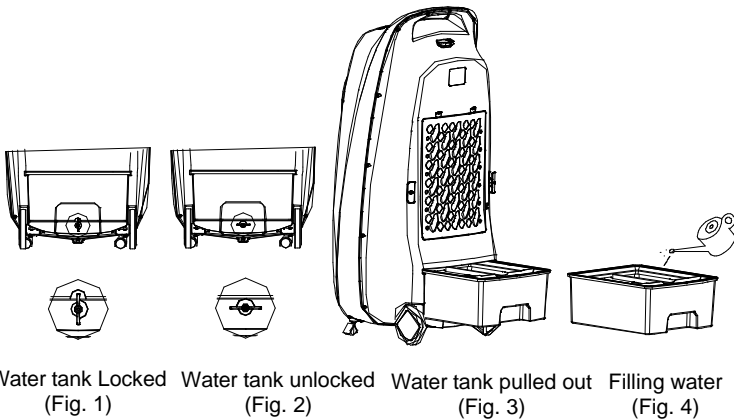
seconds, it resumes the previous state (all functions are restored).

- a. If you press the Power on/off button within 30 seconds, it resumes the previous state immediately.
 - b. If the power is cut off in power off state, it is still off when the power is restored.
4. Auto power-off function

If the device has been running for 15 hours continuously in default state after power on and there is no operation, it automatically turns off; if you want to cancel this function, press and hold the "Cooling + Mode" button for 3 seconds, the buzzer sends Bi sound, and cancels auto power-off function; press and hold the two buttons again, the buzzer sends Bi sound and resumes auto power-off function

● **Filling water:**

Before turning on the cooling and humidification function, please add water to the tank. Before adding water, first open the knob of water tank lock, tank out the water tank and fill water into the tank slowly (Fig. 1, 2, 3 & 4): after adding water, put the water tank into the original position, and then re-lock the knob of the water tank lock.



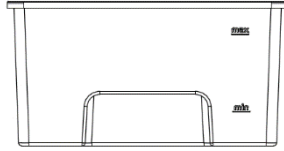


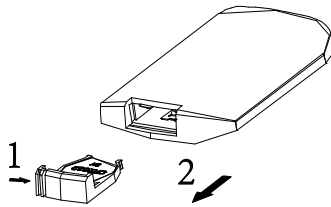
Fig. 5

When filling water manually, please note the water level in the rear side of the air-conditioning fan water tank (Fig. 5).

1. When filling water, please keep the water between the maximum level and the minimum level
2. Be sure to use clean tap water.
3. Tips: It is normal if the water in the tank has slight odor or discoloration when the device is used for the first time. It is nontoxic and does not affect your health.

● **Use of remote control:**

1. First open the battery cover in the rear side of the remote control and insert a 3V CR2032 battery.
2. To open the battery cover: First press in the direction of arrow 1 shown in the figure to detach the buckle of the battery cover, and then remove along the direction of arrow 2
3. When using, please aim at the receiver.
4. When the battery is exhausted, pull out the battery cover in the direction shown in the figure, and replace the battery (CR2032 3V). Please note the battery polarity, and put back the battery cover before using.



Product Installation Method



Do not use chemical agents for cleaning.

- Turn off the power and unplug the power cord.



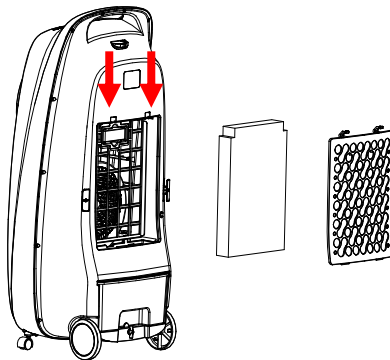
Always unplug the power cord before cleaning the device, or else it may cause electric shock.

- If dust is accumulated on the surface, please wipe with soft cloth: if the surface is dirty, mix water lower than 50°C and neutral detergent, wipe with soft cloth and dry.
- Do not use gasoline, thinner and any substance that damages the surface easily for cleaning.

● **Cleaning air filter and wet curtain assembly**

If too many foreign matters are attached to the air filter, it will affect the wind effect, and therefore it should be cleaned at least once every month.

1. Unplug the power cord,
2. First, take out the air filter, and then remove the wet curtain bracket assembly (operate as below).



3. Clean the air filter with detergent and soft brush.
4. Soak the wet curtain assembly in cleaner for a few minutes, and then wash and dry.

- **Tank cleaning**

1. Unplug the power cord, turn the knob of water tank lock to the horizontal direction, and take out the water tank.
2. Dampen the towel with detergent slightly and wipe the scale in the tank, then wash with clean water and pour out the sewage.

- **Machine surface cleaning**

1. The device surface can be cleaned with damp cloth; do not rinse with water directly.
2. Do not use corrosive detergent or solvent for cleaning.
3. Turn off the power and unplug the power cord before cleaning, or else it may cause electric shock.

- **Install and use after cleaning**

1. Install the air filter, wet curtain assembly and water tank in sequence, and ensure that the installation is correct.
2. Connect the power and make sure that the product is working properly.

- **Maintenance**

1. If the product won't be used for long, unplug the power cord, pack the device and prevent dust from entering.
2. Before packaging, the wet curtain and filter should be dry, and there is no water in the tank.

Technical Parameters

Model	CAC-PD63ECO
Rated Voltage	220-240 V~
Rated Frequency	50Hz
Rated Power	110W
Noise (high level)	66≤dB
Rated Air Output	380m ³ /h
Rated Evaporation	1400mL/h
EER	7W/W
Dimensions	L/403.0mm×W/345mm×H/930.0mm
Unit Weight	Kg
Package Weight	Kg (including 2PCS standard medium sized ice boxes) Kg
Applicable Environment	5~43°C, relative humidity < 95% (at 25°C)
Standard	IEC/EN

Environmental Protection



■ 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.

CORnell®

Marketed by:

CORNELL SALES & SERVICE SDN BHD (604369-P)

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