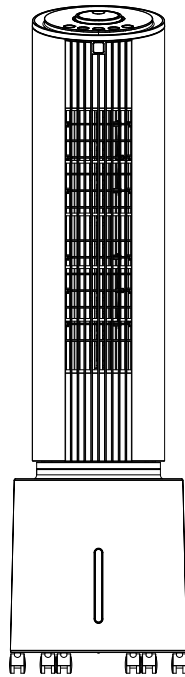


Crownline

TOWER AIR COOLER

Model:AC-223



MANUAL




I. Safety Warnings and Precautions


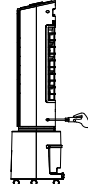


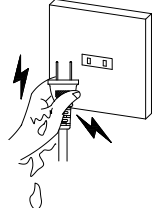
WARNING:



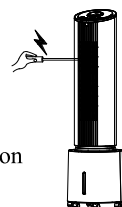

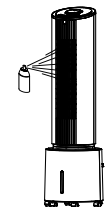

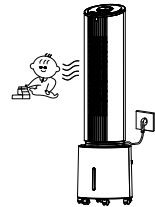


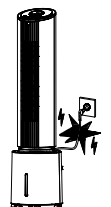


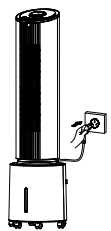

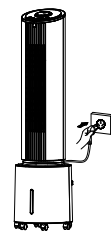
- 1.This appliance is not intended for use by persons (including children) with reduced physical,sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 2.Children should be supervised to ensure that they do not play with the appliance.
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.




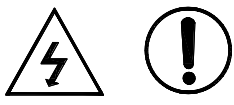
To avoid the dangers caused by misoperation and to use the device more conveniently, several considerations are given through the following icons. Please get familiar with the icons below, and read the User Guide.



• **Symbol Meaning Description**

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

<ul style="list-style-type: none"> • If the product has any failure, please send it to the repair station or notify the service center; do not disassemble or replace the parts. • Disassembly or modification without permission will affect the safety of the product.  <p>Disassembly prohibited</p> 	<ul style="list-style-type: none"> • Do not touch the power cord plug with wet hands. • Risk of electric shock.    <p>Electric shock Do not touch</p>
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<ul style="list-style-type: none"> • Never insert wooden sticks, metal sticks and other objects into the inlet and the outlet. • It may cause leakage, short circuit and damage to the product.    <p>Electric shock General prohibition</p>	<ul style="list-style-type: none"> • Do not spray insecticides and flammable sprays around the product. • It may cause damage to the product.   <p>General prohibition</p>
<ul style="list-style-type: none"> • Avoid placing the product at the outlet for long time or blow to the children directly. • It may cause illness or affect the health of young children.   <p>General prohibition</p>	<ul style="list-style-type: none"> • Do not pull the cord when removing the power plug. • It may cause power cord damage, electric leakage and other hazards.    <p>Electric shock General prohibition</p>
<ul style="list-style-type: none"> • Make sure that the power plug doesn't stick foreign body, and fully insert the plug. • It will lead to the risk of electric leakage.    <p>Electric shock Must Obey</p>	<ul style="list-style-type: none"> • Exception handling • When the product has unpleasant smell or abnormal noise in use, immediately stop using and unplug the power.   <p>Must Obey</p>

<ul style="list-style-type: none"> Do not use exposed or damaged power cord. It may cause electric leakage, short circuit or fire. If the power cord is damaged, it should be replaced by the manufacturer, authorized service center or qualified personnel in order to avoid hazards. <div data-bbox="93 440 535 579">  <p>Electric shock Must Obey</p> </div>	<ul style="list-style-type: none"> Do not bend the power cord or place heavy objects on it. It will lead to the risk of electric leakage. <div data-bbox="570 296 989 542">  <p>Electric shock Must Obey</p> </div>
<ul style="list-style-type: none"> The water level of the tank shouldn't exceed the maximum level, and shouldn't be lower than the minimum level when the cooling/humidification function is turned on. After water is filled, do not tilt or collide while placing or moving, to prevent water splashing. <div data-bbox="192 879 478 1015">  <p>Electric shock Must Obey</p> </div>	<ul style="list-style-type: none"> If the product has been dumped and there is water inside, immediately pull out the plug and wait for 24 hours before starting. <div data-bbox="655 786 941 930">  <p>Electric shock Must Obey</p> </div>

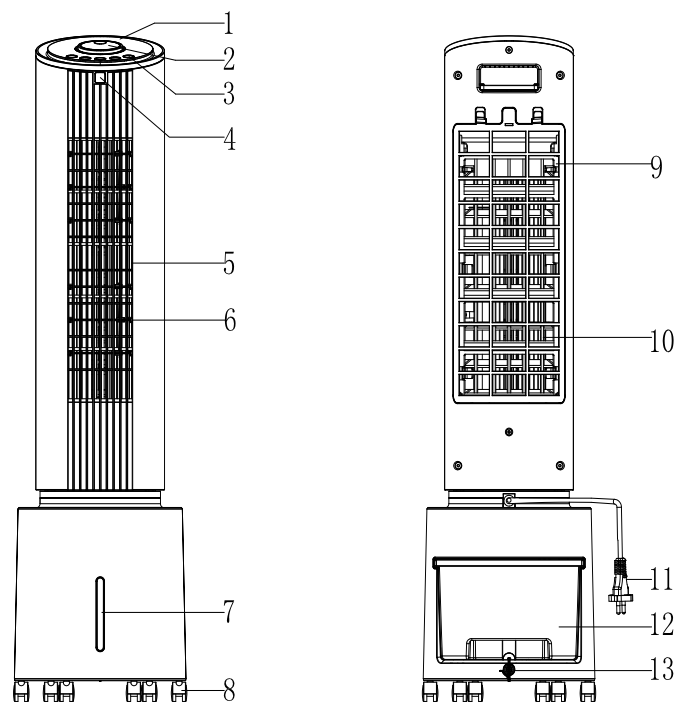
<ul style="list-style-type: none"> When you go out or if the device won't be used for a long time, shut down the device and disconnect the power plug from the outlet. Do not use the device when there is unattended child, animal or handicapped person. <div data-bbox="1188 399 1445 539">  <p>注意触电 Must Obey</p> </div>	<ul style="list-style-type: none"> Only use the device with qualified power outlet, and the carrying capacity of the outlet shouldn't be lower than 10A/220V. Make sure that the operating voltage is consistent with the voltage specified on the nameplate (AC220V). <p>Confirm the operating voltage before relocating.</p> <div data-bbox="1782 422 2039 550">  <p>注意触电 Must Obey</p> </div>
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II. Features

- Three wind types: normal wind, natural wind, and sleep wind;
- Three wind speeds: high, medium, and low;
- Use wet curtain water circulation cooling technology, featuring large water recycling and faster cooling;
- Ice crystal energy storage for cooling, featuring large cold storage capacity, long releasing time, and better effect;
- The level swing air feeding;
- 1-9 hours timer can be set;
- Long-distance remote control for easy operation.
- Water shortage protection and rear net protection

III. Names of Product Components

● Product structure

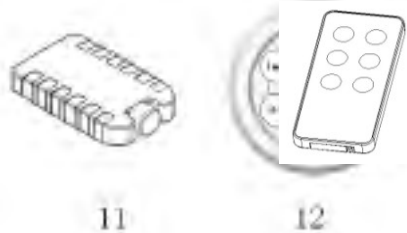


1. Function display window 2. High/medium/low knob 3. Keypad 4. Remote control receiver window

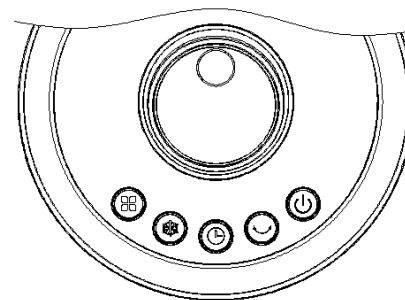
5. Wind outlet 6. Guide vanes 7. Water level display window 8. Caster 9. Air filter mesh

10. Wet curtain bracket 11. Power cord 12. Water tank 13. Tank lock

● Accessories



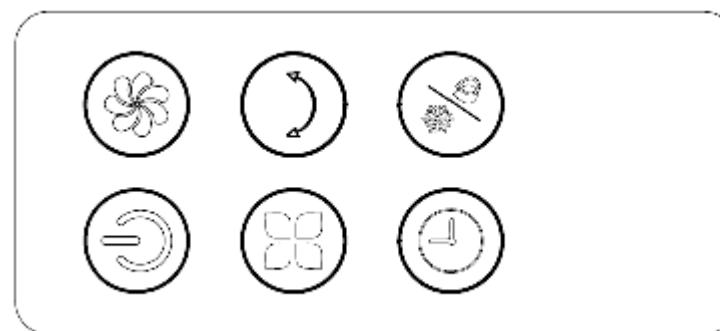
● Keypad



● Display panel



● Remote control panel



IV. Product Installation and Usage

● Installation method

The product can be used directly after removing the package (without installation).

- Usage of various function buttons

The buttons are touch buttons. You can tap the buttons on the operation panel to trigger the corresponding functions.

1. When the power is turned on for the first time, the buzzer beeps twice and enters standby mode; except the **ON/OFF** button, other buttons are invalid;

2. **ON/OFF button:** in power on state, press this button to turn on/off the device; after turning on, the system returns to standby mode, and has no output and display; when the device is first turned on, the wind speed is level 2, and changes to level after three seconds; the timer is turned off; swing is turned off; pump absorbing is turned off; power indicator turns on; the wind mode is normal. After turning off, the state will be saved, but the timer setting won't be saved; if the mode is sleep wind before turning off, the mode won't be saved, and it will change to normal wind. In power on state, if there is no button (or remote control) operation in one minute, the brightness of all LEDs reduces by half; press the button again, the brightness resumes and performs appropriate action;

3. **Speed button:** in power on state, rotate this button clockwise to increase the wind speed from level 1 to level 3; rotate this button counterclockwise to reduce the wind speed from level 3 to level 1. LED indicator shows the appropriate speed state;

4. **Mode button:** the device first enters normal wind mode; press this button to enter the natural wind mode, press it again to enter sleep wind mode, and press it again to enter normal wind mode. In natural wind and sleep wind mode, LED turns on according to setting; in normal wind mode, no LED is lit;

Press the Mode button to switch the wind modes, which run as follows:

① Normal wind:

High speed: High _____

Medium speed: Medium _____

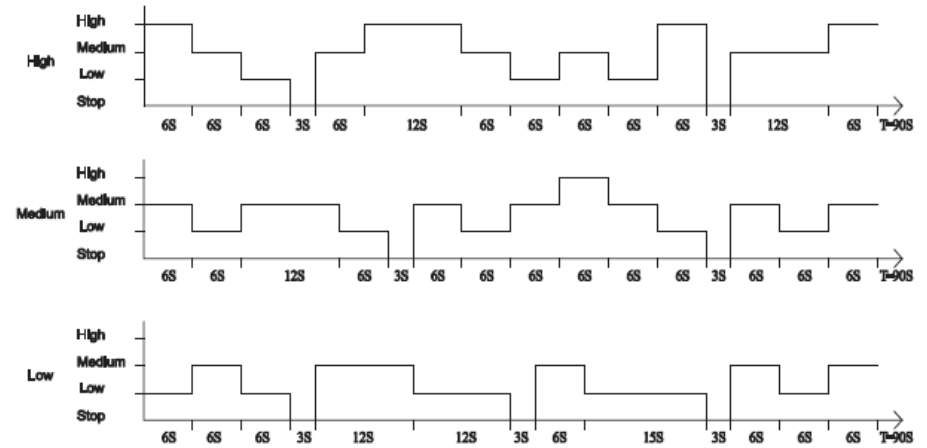
Low Speed: Low _____

② Natural wind:

The main motor of the fan performs irregular operation according to pre-programmed computer program. Combined with the wind speed button, the natural wind can be set to high, medium

and low level to simulate the effect of nature wind, and make the wind more soft and comfortable. The wind speed LED displays the corresponding speed, and the natural wind mode indicator turns on;

Waveform of natural wind:



③ Sleep wind:

High speed: 30 minutes high speed natural wind -30 minutes medium speed natural wind - low speed natural wind (hold)

Medium speed: 30 minutes natural wind - low speed natural wind (hold)

Low speed: low speed natural wind

5. **Direction button:** in power on state, press this button to turn on/off swing function, and the corresponding indicator displays its function; press this button to turn on swing function and the swing indicator turns on; press it again to turn off swing function;

6. **Cool/Humidify button:** in power on state, press this button to turn on/off cooling/humidification, and the corresponding indicator displays its function;

7. **Timer button:** after connecting the power, the timer function is turned off in initial state, and the digitron displays 0; after turning on, press this button to switch among OFF, 1h, 2h, 4h, and 8h, and the digitron of corresponding level also changes accordingly: "0" on → "1" on → "2" on → "4" on → "8" on → "0" on. No memory is saved after restart, and changes back to "0";

8. **Water shortage protection:** If the software detects water protection switch off (lacking water) for 5 seconds continuously when the water pump has been working for 50 seconds, the water pump stops working; and the buzzer beeps 10 seconds.

9. **Rear net protection switch:** If the rear net is opened when the device is working, the power supply will be disconnected;

If the rear net is not installed, the switch is in off state, the power input is cut off, and the device enters standby state;

● Filling water:

If need refrigeration or humidification function, please add water into the water tank. Before adding water, please open the water tank lock, take the water tank out and add water in it slowly (Figure 1, 2, 3 and 4): put the water tank to the original location after adding water and lock the water tank lock.

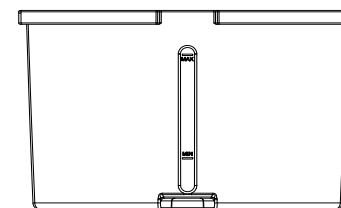


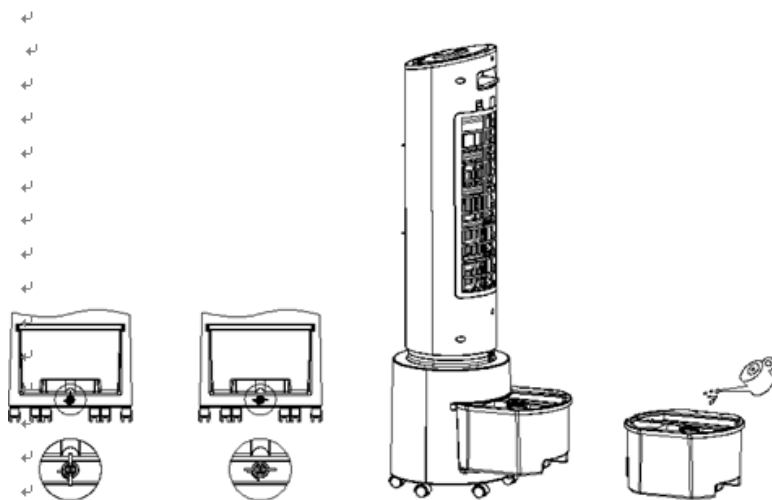
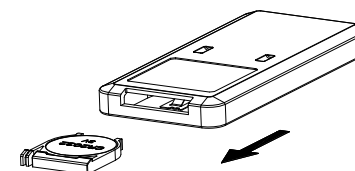
Fig. 5

For manual water filling, please note the level indicator in the front of the air cooler (Fig. 5).

1. Do not fill the water exceeding the maximum water level (Fig. 5).
2. Be sure to use clean tap water.
3. Tip: It is normal, non-toxic, and will not affect your health if the device has slight odor or the water in the tank has a slight discoloration when it is used for the first time.

Using the remote control:

1. Open the battery cover of the remote control, and insert a 3V CR2032 battery.
2. Please point to the receiver when using the remote control.
3. If the battery voltage is low, please open the battery cover as shown in the figure and replace with new battery (CR2032). Please note the positive pole and the negative pole of the battery; then, put on the battery cover.



Water tank Locked (Fig. 1)

Water tank unlocked (Fig. 2)

Water tank pulled out (Fig. 3)

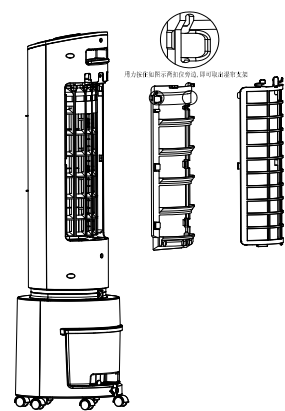
Filling water (Fig. 4)

V. Cleaning and Maintenance

● Air filter net and wet curtain assembly cleaning

If there are too many dust on the air filter net, the wind effect will be impacted, therefore, it should be cleaned at least once a month.

- 1. Take the air filter net out firstly, then the wet curtain assembly can also be taken out (operation is as below).



- 2. Use cleanser and banister brush to clean the air filter net.
 - 3. Dip the wet curtain assembly into cleanser for several minutes, then clean and dry it.
- Water tank cleaning
- 1. Cut off the power and rotate the water tank lock to horizontal direction, then take the water tank out.
 - 2. Use the towel to clean the incrustation of the water tank by cleanser, and then use water to wash and pour the dirty water out.
- Machine body cleaning
- 1. Use wet towel to clean the machine body, washing by water directly is forbidden.
 - 2. Do not wash by corrosive cleanser or solvent.
 - 3. The power should be off and power cable should be pulled out when cleaning the machine body, or there is electric shock risk.

- Installation after cleaning
 - 1. Install the air filter net, wet curtain assembly and water tank orderly and ensure the installation is correct.
 - 2. Link the power and confirm the machine runs smoothly.
- Maintenance
 - 1. If the machine has not been used for a long time, the power cable should be pulled out and the machine should be packed to prevent dust.
 - 2. Please ensure the wet curtain and air filter net is dry and there is no water in the tank before packing.

VI. Technical Parameters

Product model	AC-223
Rated voltage	220-240V
Rated frequency	50 Hz
Rated power	45W
Noise (strong mode)	≤55dB
Air flow	400 m3/h
Energy efficiency ratio	≥5W/W
Product dimensions	Φ260mm*959mm
Standard	CB standard

VII. 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.