

MODEL : 162



# OWNER'S MANUAL

READ AND SAVE THESE INSTRUCTIONS

- Read all instructions carefully before setting up and operating this unit.
- This manual is designed to provide you with important information needed to setup, operate, maintain, and troubleshoot your encoder.
- Due to continuous research and development the specifications herein are subject to change without notice.



## Contents

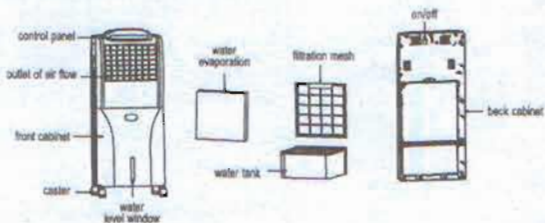
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Thank you for purchasing our air cooler. Please read all the instructions in detail before first time use, to ensure proper use of the unit. Also, please keep the manual for future reference.

## PRODUCT FEATURES

- **Cool**  
It cycles the water to blow cool air. It can lower the surrounding temperature and provide you a comfortable environment in hot summer.
- **Humidifier**  
It humidifies the air to avoid skin dry and spall in winter.
- **Ionizer**  
It releases negative ions to freshen the air and care health.
- **Drawer style water tank, detachable filtration mesh**  
It is easy to clean. Filter removes harmful tiny substances, such as dust and pollen.
- **Energy saving, high-efficiency, friendly environment**  
The input power is 130W.
- **Wide range of air output**  
100 angle wide range of air output. 3 fan speeds: HIGH-MID-LOW
- **Remote Control**  
6 meters remote control, 120 angle wide range receiver
- **Beep sound reminder**  
It has beep sound reminder function, convenient to use.
- **Memory function**  
It can memorize the current working status. The memory is not cleaned until the power supply is off.
- **High grade computer control system.**
- **24 hours timer setting**

## CONSTRUCTION DRAWING



## PRODUCTSLIST

No.	Designation	Quantity(pcs)
1	AirCooler	1
2	RemoteController	1
3	InstructionManual	1

## TECHNICAL PARAMETERS

Parameters	Unit	ModelNo.:162
Outputcapacity	m <sup>3</sup> /h	1600
Voltage	V	□220□110□120
Frequency	Hz	□50□60
Power	W	100
Fantype		Centrifugal
Watertank	L	10
Waterconsumption	L/H	1.2
Netweight	kg	9.5
Dimension	L*W*H(mm)	600*450*1300
Noise	dB(A)	<48
Coverarea	m <sup>2</sup>	10-20

**Note:** Due to constant development of our products in regards to specification and design, we take reservation for changes without prior notice.

## OPERATION INSTRUCTION

1. Pull the unit outwards from the carton and place it on a solid hot-proof horizontal surface.
2. Check if the accessories are complete, same as the accessories list.
3. Place the unit on a solid hot-proof horizontal surface. Take out the casters and caster wrench to assemble.  
**Note:** Casters with skid are for the two front holes and casters without skid are for the two back holes at the bottom of the unit.(shown as fig.1)
4. Pull upwards the water tank and pull outwards about 10cm to the locking pin, then add water. (shown as fig.2)

**Note:**

- ① Water level must be between the MIN and MAX line.(shown as fig.3)
  - ② After some time operation, dust and dirt may occur in water tank. It is recommended to change water and clean water tank frequently.
5. Only use the unit with correct AC outlet.
6. Insert the plug pin into a wall socket and turn on the power switch which is at the side of the unit .A small beep sound can be heard and the power indicator will be on.
- Note:**
- ① To protect against electric shock, do not remove plug from wall outlet by wet hand.
  - ② Unplug from outlet while moving the unit.
  - ③ Insert the plug pin into the wall socket and make sure It is connected well.
7. Press "HUMIDIFIER" button to improve the air damp, avoid skin dry and spall in winter.

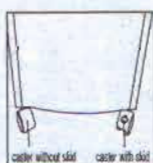


fig.1

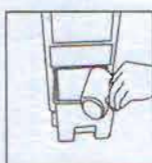


fig.2



fig.3

## CONTROL PANEL

( Remote controller control panel with the same function as the unit control panel)



Insert the plug pin into a wall socket and turn on the power switch which is at the side of the unit. A small beep sound can be heard and the power indicator will be on.

**ON/OFF:** Press once this button to make the unit ready for working. It will start up with MID in 3 seconds and then revert to work under the memorized status. If for first time use, it will start up with MID in 3 seconds and then work with LOW.  
Press again this button to turn OFF.

**SPEED:** Press this button to select desired fan speed, LOW→MID→HIGH→LOW, in turn, at the same time can digital display 1,2,3.

**WIND:** Press this button to select desired wind mode, NATURE→SLEEP→NORMAL→NATURE, in turn. The corresponding wind mode indicator will be displayed.

- (1) **NORMAL:** It works as per the selected fan speed (HIGH, MID, LOW).  
(2) **NATURE:** It works as per the presetted computer program, imitating the natural irregularly wind.  
(3) **SLEEP:** It works as per the presetted computer program, alternating between different fan speed.
- ① If it is selected HIGH, the unit will work under HIGH NATURE wind mode for half an hour, then revert to work under MID NATURE wind mode for half an hour and then revert to LOW NATURE wind mode.
  - ② If it is selected MID, the unit will work under MID NATURE wind mode for half an hour, then revert to LOW NATURE wind mode.
  - ③ If it is selected LOW, the unit will work under LOW NATURE wind mode.

**LEFT AND RIGHT SWING:** Press once this button can auto left and right air swing. Press again this button to cancel.

**UP AND DOWN SWING:** Press once this button can auto up and down air swing. Press again this button to cancel.

**SWING:** Press once this button to make horizontal swing of vertical louvers, the SWING indicator will be displayed. Press again for fixed air direction. To directing vertical airflow, adjust the horizontal louvers manually.

**HUMIDIFIER:** During operation, press this button to humidify the air, improve the air damp, avoid skin dry and spall. Press again this button to cancel.

**COOL:** Press once this button to start the evaporative cooling function. Press again this button to cancel.

**IONIZER:** Press once this button to release negative ions into the air, to freshen the air and care health. Press again this button to cancel.

**TIMER:** It can be set between 1 to 24 hours, increased by 1 hours intervals. when the digital display 24hours, press again this button to cancel.

### **IMPORTANT SAFEGUARDS**

1. READ ALL INSTRUCTIONS BEFORE USING.
2. Do NOT open and repair the unit by any unqualified person.
3. To protect against electric shock, keep the unit dry. Do not immerse in water or any other liquid.

4. Unplug from outlet while filling water, before cleaning, maintaining or moving the unit.
5. Unplug from outlet when not in use.
6. Do not insert foreign objects into the grid of air vent (intake or outlet) during operation.
7. Do not cover the appliance with paper, cardboard, plastic, metal foil, or any other flammable material. Otherwise, a fire may occur. Keep the appliance away from any hot sources.
8. Place the unit on a solid hot-proof horizontal surface.
9. Do not use outdoors.
10. Water level must be between the MIN and MAX line.
11. After filling with water, do not tilt the unit and avoid moving it, which may cause water to overflow the sides of the tank and leak. If the unit needs to be moved a little, push on the side gently.
12. Never turn the unit on its sides.
13. Do not place any objects on the top of the unit. The air vent must not be obstructed during operation.
14. Do not use petrol, toluol, etc to clean the unit body. For slight dirt on the body, wipe it off with a soft damp cloth. For greasy dirt, squeeze a little toothpaste or mild detergent on a soft damp cloth, and then wipe the dirt off.
15. Keep the air vent (intake or outlet) away from obstacles.
16. Do not strike or shake the unit body during operation, otherwise, it will stop working automatically. In this case ,restart the unit.
17. After some time operation, dust and dirt may occur in water tank. It is recommended to change water and clean water tank frequently. If select humidifier function while the room temperature is below 0℃, be sure to add warm water in water tank.
18. Do not put the unit under wall socket.
19. Empty water tank to avoid odor occuring when not in use.
20. Do not use after the unit malfunctions. Send to service center for repair.
21. Do not use the unit for other than its intended use.
22. Do not use the unit when the power cord is damaged. Send to service center for repair. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
23. Keep the unit out of children's reach. Close supervision should be exercised when children are nearby.  
**WARNING:** Please do not use where children can touch the unit, nor let children use the unit by themselves.
24. Keep cord away from sharp or hot objects.
25. Thoroughly clean the unit before first time use.
26. Do not clean with metal sourcing pads. It may scratch the surface or cause electrical shock.
27. Do not clean the unit with flammable liquid.
28. Avoid sharing a power outlet with any other appliances.
29. Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to OFF ,then remove plug from wall outlet.
30. Do not use new and old batteries at the same time in remote controller.
31. Take off batteries from remote controller when not in use.

## MAINTENANCE AND CLEANING

**Note:** After long time operation, the filtration mesh becomes clogged with dust and dirt, which will greatly affect the unit's performance. It is recommended to clean the filtration mesh frequently.

### Cleaning the filtration mesh

1. Remove plug from wall outlet.
2. Catch the filtration mesh handle and pull upwards. (shown as fig.4)
3. Clean filtration mesh with mild detergent and soft brush.
4. Make sure filtration mesh is completely dry before installing.

### Cleaning the water tank

1. Remove plug from wall outlet.
2. Pull out the water tank. (shown as fig.5)
3. Clean the water tank with a little mild detergent on a towel and then rinse in water.
4. Put the water tank in place after cleaning.

### Cleaning the body

Clean the body with a little mild detergent on a soft cloth.

### Note:

- Unplug from outlet before cleaning.
- No water on the control panel.

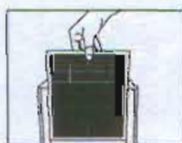


fig.4

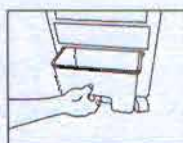
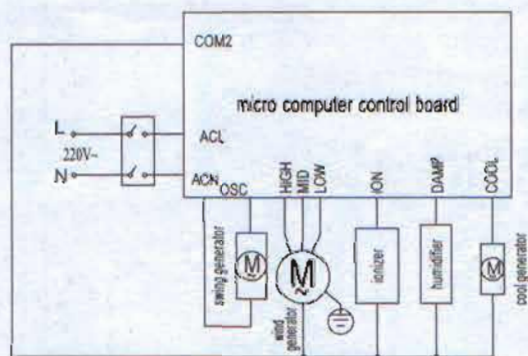


fig.5

## CIRCUIT DIAGRAM



## TROUBLE SHOOTING

If there is something wrong during operation, it may not be the unit's problem. You may check against the following list before send for repair.


problems	possible reasons	solutions
not working	<ol style="list-style-type: none"><li>1. The plug is not securely inserted into the socket or not connected well.</li><li>2. The "I" button, on the power switch which is at the side of the unit body, is not pressed.</li><li>3. The "ON/OFF" button is not pressed.</li></ol>	<ol style="list-style-type: none"><li>1. Insert the plug pin into the wall socket and make sure it is connected well.</li><li>2. Press the "I" button, on the power switch which is at the side of the unit body.</li><li>3. Press "ON/OFF" button after plugged.</li></ol>
dedust effect not good	<ol style="list-style-type: none"><li>1. The filtration mesh is clogged with dust and dirt, which affects the unit's performance.</li><li>2. The air vent is obstructed.</li></ol>	<ol style="list-style-type: none"><li>1. Clean the filtration mesh.</li><li>2. Remove the foreign objects from the air vent.</li></ol>

### Notice:

**1. The above is only for your reference, if the problems cannot be found in the table, please contact us or a qualified technician for further inspection.**

**2. Do NOT open and repair the unit by yourself.**

Health and fresh!

	CORRECT DISPOSAL OF THIS PRODUCT
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU.</p> <p>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.</p> <p>To return your used device, please use the return and collection systems or contact the retailer where the product was purchased.</p> <p>They can take this product for environmental safe recycling.</p>

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