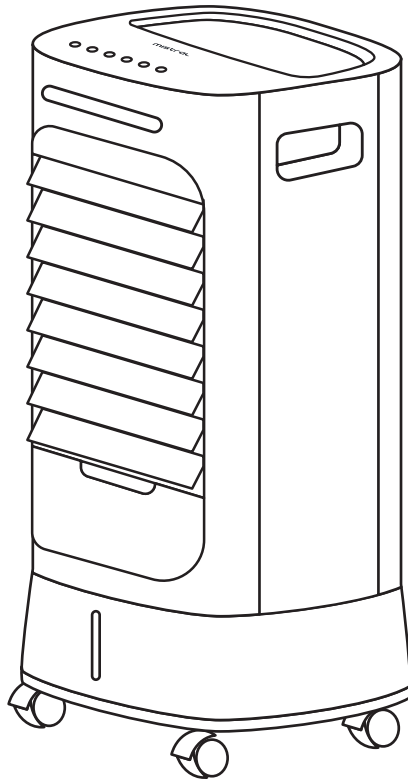


mistral

Air Cooler MAC001E




AIR COOLER

Please read this instruction manual thoroughly before operating and keep it for future reference

IMPORTANT SAFETY INSTRUCTIONS

Symbols

Warning of Electrical Voltage:

 This symbol indicates dangers to the life and health of persons due to electrical voltage.

Safety Instructions:

- Read this manual carefully before starting or using the appliance.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- This appliance is not a toy, please keep away from children and animals.
- Do not use the appliance in potentially explosive rooms.
- Do not use the appliance in an aggressive atmosphere. Set the appliance up in an upright and stable position.
- Let the appliance dry thoroughly after a wet clean. Do not operate it when wet. Do not use the appliance with wet or damp hands. Do not expose the device to directly water.
- Never insert any objects or limbs into the appliance .
- Do not cover or transport the appliance when operating.
- Do not sit on the appliance.
- Do not leave the appliance unattended when operating.
- Check accessories and connection parts for possible damage prior to every use of the appliance. Do not use the appliance if damaged.
- Ensure that all electric cables outside of the appliance are protected from any possible damage (i.e. caused by animals). Never use the appliance if electric cables or the power connection are damaged. The electrical connection must correspond to the specifications in Product Technical Parameters.
- Insert the main plug into a properly secured main socket.
- Observe the appliance power input, cable length and intended use when selecting extensions to the power cable. Completely unroll extension cables. Avoid electrical overload.
- Before carrying out maintenance, care or repair work on the device, remove the main plug from the main socket. Hold onto the main plug while doing so.
- Switch the appliance off and disconnect the power cable from the main socket when the appliance is not in use.
- Do not under any circumstances use the appliance if you detect damages on the main plug or power cable. If the supply cord is damaged, it must be replaced at the Service Centre. Defective power cables pose a serious health risk.

- Do not use the air cooler near curtains or other inflammable places, the spacing must be at least 0.5m.
- Do not cover the air inlet and outlet.
- Make sure that the suction side is kept free of dirt and loose objects.
Do not remove any safety signs, stickers or labels from the appliance. Keep all safety signs, stickers and labels in legible condition.
- Only transport the appliance in an upright position with an emptied water tank.
- Empty the water tank before transport and storage. Do not drink the water, health hazard.
- Only fill the water tank with normal clean water, ice cubes made of normal clean water.
Intended use: Only use the appliance for cooling the air in interior spaces while adhering to and following the Product Technical Parameters.
- Intended use comprises cooling the air in: living spaces, Museums, warehouses and archives, libraries, call centres and computer rooms.

Improper use:

- Do not place the device on wet or flooded ground.
- Do not place any objects, i.e. clothing, on the device.

Residual Risks

 Warning of electrical voltage:

- Any works on the electrical components must only be carried out by an authorized specialist at the Service Centre. Do not fix it by your own self.
- Before any work on the appliance, remove the main plug from the main socket. Hold onto the main plug while pulling the power cable out of the main socket.

Warning:

- Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way. Observe the personal qualifications!
- The device is not a toy and does not belong in the hands of children.
- Risk of suffocation. Do not leave the packaging lying around. Children may use it as a dangerous toy.

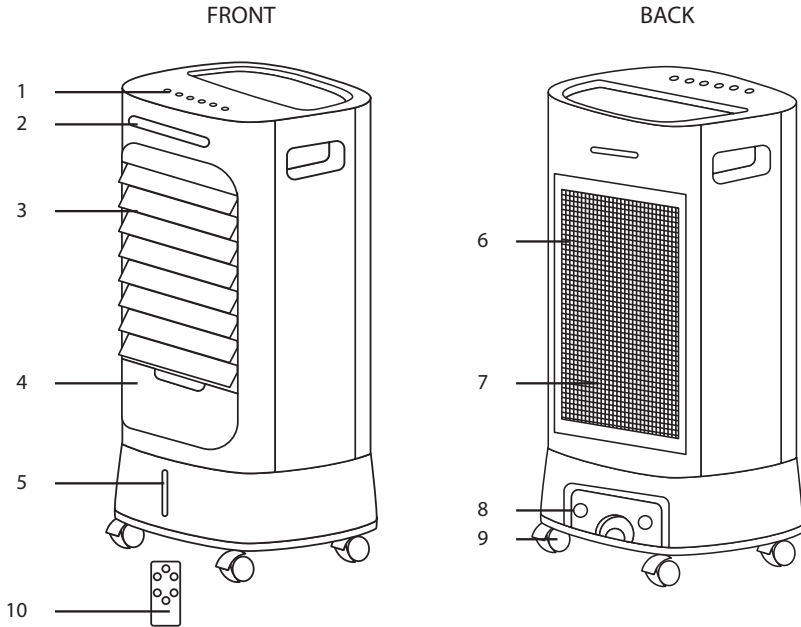
Note:

- Do not operate the appliance without inserting any filter!
- Without the filter, the inside of the appliance will be heavily contaminated. This could reduce the performance and result in damage to the appliance.
- Behaviour in the event of an emergency:
 1. Switch off the appliance.
 2. In an emergency, disconnect the appliance from the mains feed-in: Hold onto the mains plug while pulling the power cable out of the mains socket.
 3. Do not reconnect a defective appliance to the mains.

PRODUCT TECHNICAL PARAMETERS

MODEL	RATED VOLTAGE	RATED POWER	GROSS CAPACITY	AIR VOLUME	MAX AIR FLOW
MAC001E	220-240V~50/60Hz	88W	10L	19.01 m ³ /min	221.06 m/min

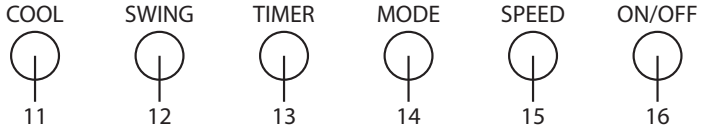
INTRODUCTION OF PARTS



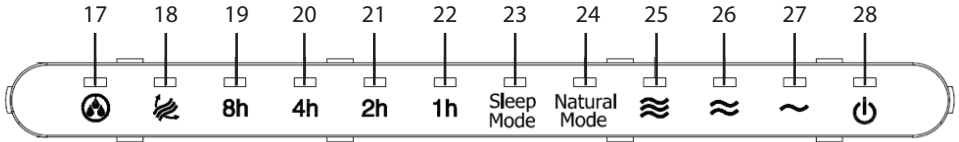
1. Control Panel
2. Display Panel
3. Air Outlet
4. Water tank cover and opening
5. Water level indicator
6. Air Filter

7. Honeycomb filter (inside)
8. Power cord rewinder panel
9. Wheels
10. Remote Control

Control Panel

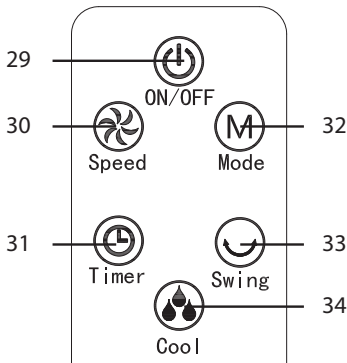


Display Panel



- | | |
|-------------------------------------|-------------------------------------|
| 11. Cooling Button | 20. 4 hours timer LED Indicator |
| 12. Left & Right Oscillation Button | 21. 2 hours timer LED Indicator |
| 13. Timer Button | 22. 1 hours timer LED Indicator |
| 14. Mode Button | 23. Sleep Mode LED Indicator |
| 15. Speed Button | 24. Natural Wind Mode LED Indicator |
| 16. Power Button | 25. High Speed LED Indicator |
| 17. Cooling LED Indicator | 26. Medium Speed LED Indicator |
| 18. Oscillation LED Indicator | 27. Low Speed LED Indicator |
| 19. 8 hours timer LED Indicator | 28. Power On/ Off LED Indicator |

Remote control



- 29. Power On/ Off
- 30. Speed
- 31. Timer
- 32. Mode
- 33. Oscillation
- 34. Cooling

CONTROLS AND OPERATIONS

Operation Steps:

- When operating, it is recommended to avoid opening any doors and windows.

Power:

- Once you have completely installed the appliance, you can power on the appliance.
- When the power is switched on, all LED lights will be lit for about 1 second. At the same time, there will be a long buzzer. After that, all LED lights will switch off and the appliance will go into standby mode. To start operating the appliance, press the Power button.
- When powered on, the default fan speed is low, and low fan speed LED indicator will be on.
- After using the appliance, you can press the power button to switch it off.

Remote:

- The remote control must be facing the receiver.
- The use range of the remote control is within 5 meters facing the receiver. If the remote control does not face the receiver, the use range of the remote control will be reduced;
- Do not put anything between the receiver and the remote control. Please keep the remote control properly to avoid collision and fall.
- When the remote control is not in use for a long time, please take out the battery and keep it properly.

Memory function

- If you switch the appliance back on after initial start-up, functions selected when last operated previously will be saved and be set by default upon switched on again. Any activated timer will not be saved in the memory function.
- If the power is cut off, then the memory will be cleared.

Mode

- This air cooler comes in 3 modes: Normal, Sleep and Natural Mode; and a cooling function.

Normal Mode:

- Press Mode button to set the wind mode
- The default is normal wind when the Mode button is not selected.
- Press the mode button once, and the appliance will enter the natural mode, the Natural Mode LED Indicator will flash.
- Press the Mode button again to enter the sleep mode, sleep mode LED indicator will flash.

- Press the Mode button once more again, and the appliance will go back to normal mode, there will be no LED indication for this.
- Press the Mode button, and the cycle will repeat from natural mode again.

Sleep mode:

- When set to high speed in sleep mode, the fan runs for half an hour according to high speed natural mode, then turns to medium speed natural mode for half an hour, and then turns to low speed natural mode until the end of the preset time or until it is turned off.
- When the fan is set to a medium speed in sleep mode, it runs for half an hour according to the medium speed natural mode and then turns to low speed natural mode until the end of the preset time or until it is turned off.
- When set as the low speed in sleep mode, the fan operates according to the low speed natural mode until the end of the preset time or until it is turned off.

Natural mode:

- It imitates the effect of natural wind, which can be divided into the 3 different fan speeds - Low, Medium, High. The following shows the wind effect for the different settings.
- Natural Wind, High speed: H (50S) -M (50S) -L (50S) -H (50S) -M (50S) -H (50S) -M (75S) -H (50S) -L (50S) -H (25S) -L (50S) -H (50S) -M (75S) -H (75S) -L (50S)
- Natural Wind, Medium speed: M (50S) -L (50S) -H (25S) -M (75S) -L (50S) -H (50S) -M (75S) -L (50S) -M (75S) -L (25S) -H (25S) -M (75S) -L (50S) -M (50S) -L (25S)
- Natural Wind, Low speed: L (50S) -M (50S) -L (50S) -H (50S) -L (50S) -M (50S) -L (50S) -M (75S) -L (75S) -M (50S) -H (50S) -L (75S) -M (50S) -L (50S) -M (25S)

Cooling Function

- This button is valid when the machine is on or in the timer setting.
- To turn on cooling function, press the cooling button.
- Make sure the water tank is filled with water, and the water tank cover is closed before cooling function is turned on. You may add ice or cold water for cooler air. When the cooling function is on and the water tank is closed, the pump will start.
- When cooling function is turned on to start, the pump will operate in this order: 3 seconds work, 3 seconds stop, 3 seconds work, 3 seconds stop, 3 seconds continuous operation.
- When there is shortage of water in the water tank during cooling function, , the buzzer will sound for 3 times and cooling LED indicator will blink until the cooling function is cancelled or the power is cut off.
- After the water shortage alarm, if the water is refilled, the alarm will stop, but the cooling function needs to be manually turned on again.

Note:

- With an empty water tank the pump switches off automatically.
- The cooling LED indicator will flash when water tank is less than 2 litres.

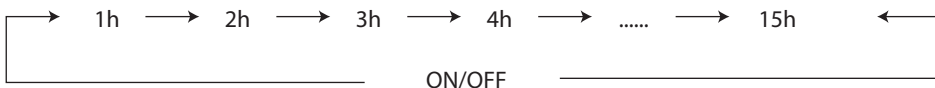
- If you activate cooling function, an alarm signal will be emitted when the water is less than 2 litres, even in sleep mode.

Speed Setting

- Press speed button to set the wind speed. The setting sequence is as Low → Medium → High.
- Press the speed button and the low speed LED indicator will flash, the default speed is low.
- Press the speed button again, the medium speed LED indicator will flash, and the speed will be changed to medium.
- Press the speed button once again, the high speed LED indicator will flash and the speed will be changed to high.

Timer Setting:

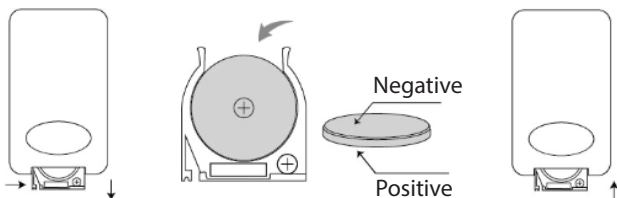
- Press the timer button to set the timer for the appliance is needed. You may select between 1 to 15 hours, with interval increments by 1 hour.
- The function can be set in all operating modes.
- The setting sequence for the timer is as follows:



The LED indicator for the different timer set will flash as follows:

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
1h Timer LED Indicator	✓		✓		✓		✓		✓		✓		✓		✓
2h Timer LED Indicator		✓	✓			✓	✓			✓	✓			✓	✓
4h Timer LED Indicator				✓	✓	✓	✓					✓	✓	✓	✓
8h Timer LED Indicator								✓	✓	✓	✓	✓	✓	✓	✓

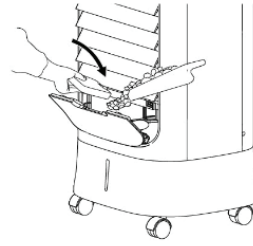
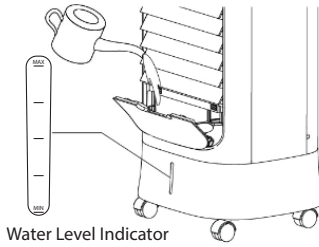
Installation Method of Remote Controller Battery



- The battery cover can be removed by gently pulling it down.
- Put the battery into the battery box. (Note the positive and negative direction of the battery)
- Put the battery cover into the original outlet and fasten it completely.

Refilling Water:

- Open the cover of water tank, add water or ice. Please be careful not to exceed the maximum water level.



Swing Function:

- The swing function can be switched on in any operating mode if required.
- Behind the horizontal ventilation flaps, there are vertical air flaps integrated in the device.
- When the swing function is operated, these vertical air flaps will oscillate left and right automatically and thus ensure continuous air circulation.
- Press the swing button to switch the swing function on or off.
- When the swing function is activated, the Swing function LED indicated will be lighted up.

Auto Stop Function:

- After 24 hours of continuous operation the device switches off automatically.

Shutdown:

Warning of electrical voltage

- Do not touch the main plug with wet or damp hands.
- Switch the appliance off when not in use
- Hold onto the main plug while pulling the power cable out of the mains socket.
- Empty and clean the water tank.
- Clean the device according to the Cleaning and Maintenance instructions.

Available Accessories:

Warning

- Only use accessories and additional equipment specified in the instructions manual.
- Using insertion tools or accessories other than those specified in the instructions manual may cause a risk of injury. Activities required before starting maintenance.

Visual inspection of the inside of the appliance for dirt:

1. Remove the air filter.
2. Use a torch to illuminate the openings of the appliance.
3. Check the inside of the appliance for dirt.
4. Put the air filter back in.

Note:

- Please turn off the power and unplug the plug before filling and cleaning the water tank.
- If the filter is not washed for a long time, it may cause bad conditions such as lower air flow and increased noise.
- It is recommended to clean the air filter at least once every month.

Transport:

- To make the appliance easier to transport, it is fitted with a carry handle and wheels.
- Before transporting the appliance, observe the following:
 - Switch the appliance off.
 - Hold onto the mains plug while pulling the power cable out of the mains socket.
 - Do not use the power cable to drag the device.
 - Only wheel the device on a level and smooth surface
- Set up the device in an upright position after transporting.

Note:

- If you store or transport the appliance improperly, the appliance may be damaged.

Storage:

Before storing the device, observe the following:

- Empty and clean the water tank dry prior to storage.
- Allow the honeycomb filter to dry prior to storage. Otherwise the device may distribute a musty smell after restart.

When the device is not being used, observe the following storage conditions:

- Dry and protected from frost and heat
- In an upright position where it is protected from dust and direct sunlight
- With a cover to protect it from invasive dust if necessary
- Place no further devices or objects on top of the device to prevent it from being damaged.
- Remove batteries from the remote control.

CLEANING AND MAINTENANCE

Cleaning the appliance:

- Clean the appliance with a soft, damp and lint-free cloth. Ensure that no moisture enters the housing. Protect electrical components from moisture or water. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.

Cleaning the air outlet:

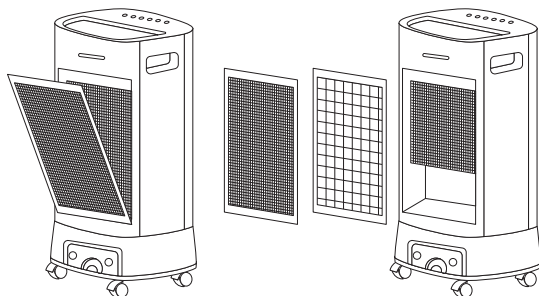
- You can use vacuum cleaner to clean the dust.

Cleaning the water tank:

1. Remove the air filter and the honeycomb filter
2. Remove the water plug, put clean water in.
3. Open water tank cover again, wipe it with wet cloth, if not clean, use a soft bristle brush and brush gently.

Cleaning the Filter:

- Take out the air filter from the back of the appliance, then put the honeycomb and air filter together into the water for a few times, then take it out and let it dry in the air.



Maintenance and Internal Care	Before every start-up	As needed	Every 2 weeks	Every 4 weeks	Every 6 weeks	Annually
Clean the water tank		✓		✓		
Check the air inlets and outlets for dirt and foreign objects, clean if necessary	✓			✓		
Clean the exterior		✓				✓
Check the inside of the device for dirt		✓				✓
Check the air filter for dirt and foreign objects, clean if necessary	✓		✓			
Replace the honeycomb filter		✓			✓	
Test run		✓				✓

TROUBLESHOOTING

The appliance has been checked for proper functioning several times during production. If malfunctions occur nonetheless check the device according to the following chart.

Note:

- Wait for at least 3 minutes after any maintenance and repair works, before switching the appliance back on.

Problem	Solution
The appliance does not start.	Check the power connection, power cable, and main plug for damages.
	Check the on-site fusing. If damaged, please contact the Service Centre for repair.
	Check whether the overheating protection has tripped. Keep the air inlet clear to prevent the motor from overheating.
The appliance is operating but there is reduced or no wind.	Check the position of the horizontal ventilation flaps. They should be opened to the maximum.
	Check the air filter for dirt, if necessary, clean or replace the air filter.
	Check the minimum distance to walls or other objects.
The appliance is operating but there is no air cooling or pump operation.	Check whether the cooling function is activated and the LED indicator should be lit.
	Check the water level of the water tank, if there is not water or if the water level is below the minimum level, the LED indicator should not flash.
	Check whether there are no objects blocking the pump inlet.
	In case the pump does not operate despite a correctly filled water tank and activated air cooling mode, the pump might be defective. Please contact the Service Centre.
Water is leaking.	Check the device for any leakage.
	The water tank cannot be closed properly.
	Check whether the mechanism for lowering the pump was released. If the pump can be seen in the lower area, the water tank is being blocked. Push the pump up until the switch for lowering the pump can be seen.
The swing function is not working.	The swing function motor might be defective. Please contact the Service Centre.
The appliance is loud or vibrates.	Check whether the appliance is set up in a stable and upright position.
The appliance does not respond to the infrared remote control.	Check the distance between remote control and appliance.
	Ensure there is visual contact between the appliance and the remote control. Make sure there are no obstacles, such as furniture or walls between the appliance and the remote control.
	If the batteries have recently been changed, check them for correct polarity and change them if required.