

MISTRAL MAC150R

MISTRAL MAC150R Air Cooler with Ionizer User Manual

Model: MAC150R

1. IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before operating your MISTRAL MAC150R Air Cooler. Failure to follow these safety guidelines may result in electric shock, fire, or personal injury.

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Always unplug the air cooler from the power outlet before cleaning, servicing, or when not in use.
- Keep the appliance out of reach of children and supervise them when near the unit.
- Place the air cooler on a stable, level surface to prevent tipping and water spillage.
- Do not operate the appliance with a damaged cord or plug, or after it malfunctions or has been damaged in any manner.
- Avoid placing the unit near heat sources, open flames, or in direct sunlight for extended periods.
- Do not block the air inlet or outlet grilles. Ensure adequate space around the unit for proper airflow.
- Only use clean water in the water tank. Do not add any chemicals or additives other than those recommended by the manufacturer.
- Do not attempt to repair or modify the appliance yourself. Contact qualified service personnel for repairs.

2. PRODUCT OVERVIEW AND COMPONENTS

The MISTRAL MAC150R is an evaporative air cooler designed to provide a natural and efficient cooling experience. It features an ionizer for improved air quality and a 15-liter water tank capacity.



Figure 1: Front view of the MISTRAL MAC150R Air Cooler. This image displays the MISTRAL MAC150R Air Cooler from the front, highlighting its compact tower design, the main air outlet grille, the control panel, and the water level indicator at the bottom. The unit is white with a black grille.

Key Components:

- **Control Panel:** Located at the top, with LED indicators for various functions.
- **Air Outlet Grille:** Front-facing grille for cooled air dispersion.
- **Water Tank:** 15-liter capacity, located at the bottom of the unit.
- **Top Loading Ice Compartment:** For adding ice to enhance cooling.
- **Caster Wheels:** For easy portability.
- **Water Level Indicator:** Visible on the front to monitor water levels.
- **Honeycomb Cooling Media:** Internal component responsible for evaporative cooling.

3. SETUP

1. **Unpacking:** Carefully remove the air cooler from its packaging. Retain all packaging materials for future storage or transport.
2. **Placement:** Position the air cooler on a firm, level surface. Ensure there is at least 20 cm of clear space around the back and sides of the unit for optimal airflow. Avoid placing it directly against walls or furniture.
3. **Filling the Water Tank:**
 - Locate the water tank at the bottom of the unit.
 - Carefully fill the tank with clean, cool water. Do not exceed the "MAX" fill line indicated on the water level indicator. The tank capacity is 15 liters.
 - For enhanced cooling, open the top loading ice compartment and add ice cubes or ice packs.
4. **Power Connection:** Insert the power plug into a suitable electrical outlet. Ensure the outlet is properly grounded.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the control panel for easy operation of your air cooler.

Control Panel Functions:

- **Power Button:** Press to turn the unit ON or OFF.

- **Speed Button:** Cycles through 3 fan speeds: Low, Medium, High. The corresponding LED indicator will illuminate.
- **Timer Button:** Sets the operating timer for up to 7 hours. Each press increases the timer by 1 hour.
- **Ionizer Button:** Activates or deactivates the ionizer function, which helps to purify the air.

Operating the Air Cooler:

1. **Power On:** Press the Power button. The unit will start in a default mode, usually Low speed.
2. **Adjust Fan Speed:** Press the Speed button repeatedly to select your desired fan speed (Low, Medium, High).
3. **Set Timer:** Press the Timer button to set the desired operating duration (1-7 hours). The unit will automatically turn off after the set time.
4. **Activate Ionizer:** Press the Ionizer button to turn on the air purification function. Press again to turn it off.
5. **Low Water Alarm:** The unit is equipped with a low water alarm. If the water level in the tank is too low, an indicator will light up, and the pump may stop operating to prevent damage. Refill the water tank immediately.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your MISTRAL MAC150R Air Cooler.

General Cleaning:

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Inlet/Outlet:** Use a soft brush or vacuum cleaner to remove dust from the air inlet and outlet grilles.

Water Tank Cleaning:

1. **Drain Water:** Unplug the unit. Drain any remaining water from the tank. Some models have a drain plug at the bottom.
2. **Clean Tank:** Remove the water tank (if detachable) and clean it with a mild detergent and water. Rinse thoroughly to remove all soap residue.
3. **Dry:** Allow the tank to air dry completely before reassembling or refilling.

Honeycomb Cooling Media Cleaning:

- **Frequency:** Clean the honeycomb cooling media every 2-4 weeks, or more often depending on usage and air quality.
- **Removal:** Refer to the unit's specific design for instructions on how to safely remove the cooling media panel.
- **Cleaning:** Rinse the media under running water to remove dust and mineral deposits. For stubborn deposits, soak in a mild descaling solution (e.g., vinegar and water) for 30 minutes, then rinse thoroughly.
- **Drying and Reinstallation:** Allow the media to dry completely before reinstalling it into the unit.

Storage:

When not in use for an extended period, ensure the unit is clean and dry. Store it in a cool, dry place, preferably in its original packaging.

6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; power cord not properly connected; power outlet faulty.	Check if the power cord is securely plugged in. Test the outlet with another appliance. Check the circuit breaker.
No cooling effect or weak airflow.	Water tank empty; honeycomb cooling media clogged; fan speed too low; room too large or poorly ventilated.	Refill the water tank. Clean the honeycomb cooling media. Increase fan speed. Ensure proper ventilation in the room.
Low water alarm activates frequently.	Water level is consistently low; water pump issue.	Ensure the water tank is filled to the MAX line. If the issue persists after refilling, contact customer support.
Unusual noise from the unit.	Unit not on a level surface; foreign object in fan; pump noise due to low water.	Place the unit on a stable, level surface. Unplug and check for obstructions. Refill water tank.
Water leakage.	Water tank overfilled; unit tilted; drain plug not secured.	Do not overfill the water tank. Ensure the unit is on a level surface. Check if the drain plug (if present) is tightly closed.

7. SPECIFICATIONS

Brand:	MISTRAL
Model:	MAC150R
Type:	Evaporative Air Cooler with Ionizer
Water Tank	
Capacity:	15 Liters
Power	
Consumption:	190 Watts
Fan Speeds:	3 (Low, Medium, High)
Timer:	Up to 7 Hours
Dimensions (L x W	
x H):	44.5 x 41 x 77 cm
Weight:	10.2 kg
Special Features:	Portable, Ionizer, Low Water Alarm, Top Loading Ice Compartment
Color:	White

8. WARRANTY AND SUPPORT

Your MISTRAL MAC150R Air Cooler comes with a **1 Year Local (Singapore) Manufacturer Warranty** from the date of purchase.

This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.

For warranty claims, technical assistance, or service inquiries, please contact MISTRAL customer support with your proof of purchase and product model number.

Contact information for MISTRAL support can typically be found on the manufacturer's official website or on your product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question