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› Deerma F500 Ultrasonic Humidifier User Manual

Deerma F500

Deerma F500 Ultrasonic Humidifier User Manual

Model: F500

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using the Deerma F500 Ultrasonic Humidifier. Keep this manual for future reference.

- Always place the humidifier on a firm, flat, water-resistant surface.
- Do not place the humidifier near heat sources or in direct sunlight.
- Do not touch the humidifier or its parts with wet hands.
- Ensure the water tank is properly filled before operation.
- Unplug the humidifier before cleaning or refilling.
- Keep out of reach of children and pets.

PRODUCT OVERVIEW

The Deerma F500 is an ultrasonic humidifier designed to improve air quality and humidity levels in your home or office. It features a large water tank, a 360-degree rotatable mist nozzle, and an activated carbon filter for enhanced air purification.



Figure 1: Front view of the Deerma F500 Ultrasonic Humidifier, showing the main unit, water tank, and control knob.



Figure 2: The Deerma F500 Humidifier operating in a bedroom, demonstrating mist output.

Key Features:

- **5-Liter Water Tank:** Provides up to 17 hours of continuous humidification.
- **360° Rotatable Mist Nozzle:** Allows for adjustable mist direction.
- **Quiet Operation:** Operates at a low noise level (36dB).
- **Activated Carbon Filter:** Helps filter odors and gaseous pollutants.
- **Easy Refill and Cleaning:** Removable water tank for convenience.

SETUP AND ASSEMBLY

1. **Unpack the Humidifier:** Carefully remove all components from the packaging. Ensure all parts are present: main unit, water tank, and top cover/mist nozzle.
2. **Place the Unit:** Position the humidifier on a flat, stable, and water-resistant surface, away from direct sunlight, heat sources, and electronic devices. Ensure there is adequate space around the unit for proper mist dispersion.

3. Fill the Water Tank:

- Remove the top cover of the water tank.
- Fill the water tank with clean, cool tap water. Do not exceed the maximum fill line. Distilled or demineralized water is recommended to prevent mineral buildup.
- Replace the top cover securely.



Figure 3: Illustration showing the 5-liter capacity of the water tank and how it compares to 20 bottles of 250ml water.

4. **Connect to Power:** Plug the power cord into a suitable electrical outlet. The unit is now ready for operation.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Rotate the control knob clockwise to turn the humidifier on. Continue rotating to increase mist output. Rotate counter-clockwise to decrease mist output and turn off the unit.



Figure 4: A hand demonstrating the adjustment of the control knob for mist output.

2. **Adjust Mist Direction:** The mist nozzle on top of the unit can be rotated 360 degrees to direct the mist flow as desired.
3. **Low Water Indicator:** The humidifier will automatically shut off when the water level is too low. Refill the water tank to resume operation.

MAINTENANCE AND CLEANING

Regular cleaning is essential to prevent mineral buildup and ensure optimal performance and hygiene of your humidifier. Always unplug the unit before cleaning.

Daily Maintenance:

- Empty and rinse the water tank daily.
- Wipe the inside of the water tank and the base with a clean, damp cloth.

Weekly Cleaning:

1. Clean the Water Tank:

- Remove the water tank from the base.
- Pour 2-3 tablespoons of white vinegar into the tank and fill with water. Let it soak for 20-30 minutes.
- Use a soft brush or cloth to clean the inside of the tank.
- Rinse thoroughly with clean water until the vinegar smell is gone.

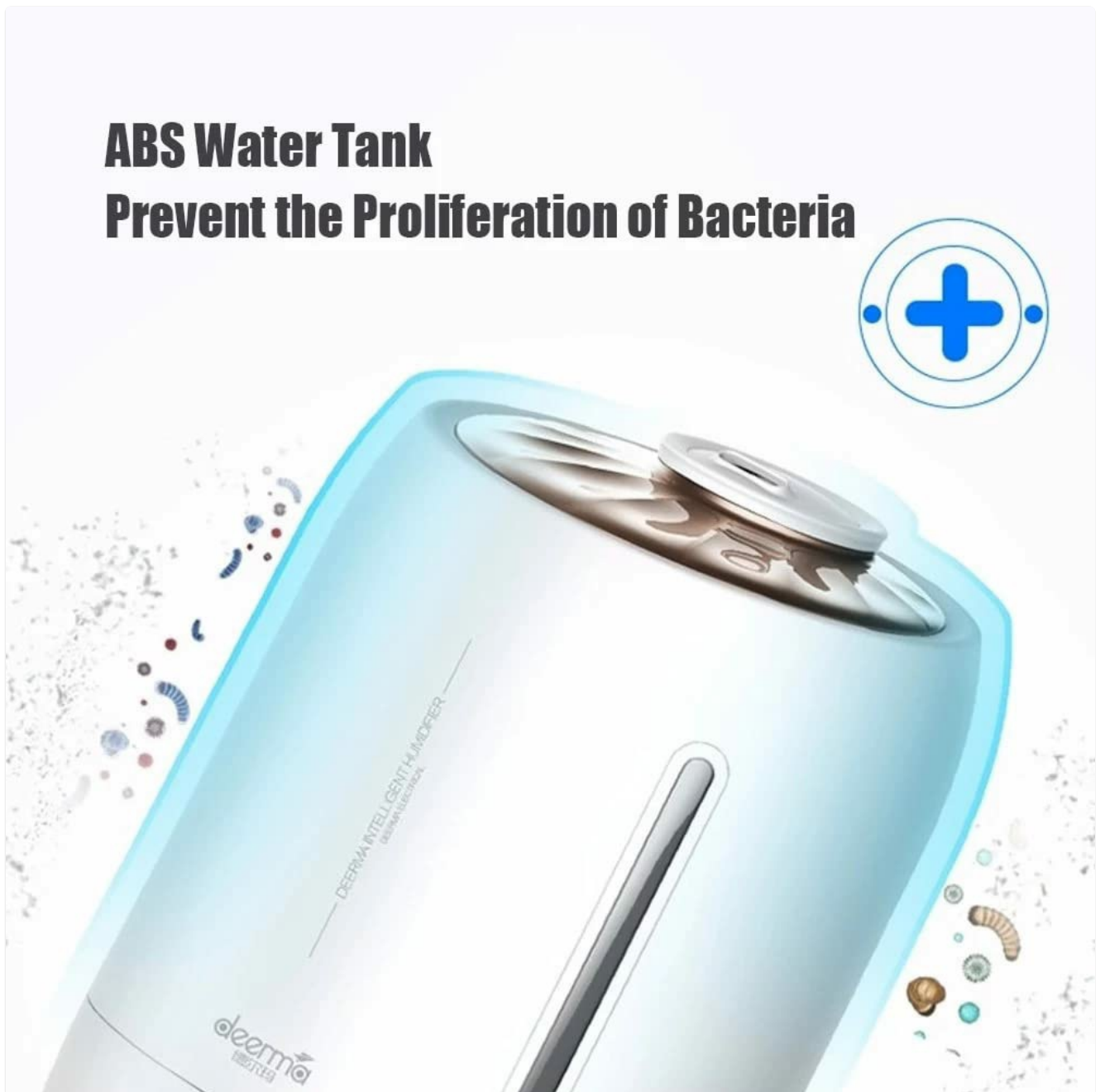


Figure 5: Illustration highlighting the ABS water tank designed to prevent bacterial proliferation.

2. Clean the Base Unit and Transducer:

- Pour a small amount of white vinegar onto the transducer (the small metal disc) and allow it to soak for 5-10 minutes.
- Gently wipe away any mineral buildup with a soft brush or cotton swab. Do not scrape the transducer.
- Wipe the entire base unit with a damp cloth and dry thoroughly.

3. Activated Carbon Filter Maintenance: The activated carbon filter helps purify the air. While it's not typically washable, inspect it regularly. If it appears clogged or discolored, consider replacing it according to manufacturer recommendations. The filter is designed to adsorb impurities.

Activated Carbon in the Ventilation Adsorbing the Impurities in Air

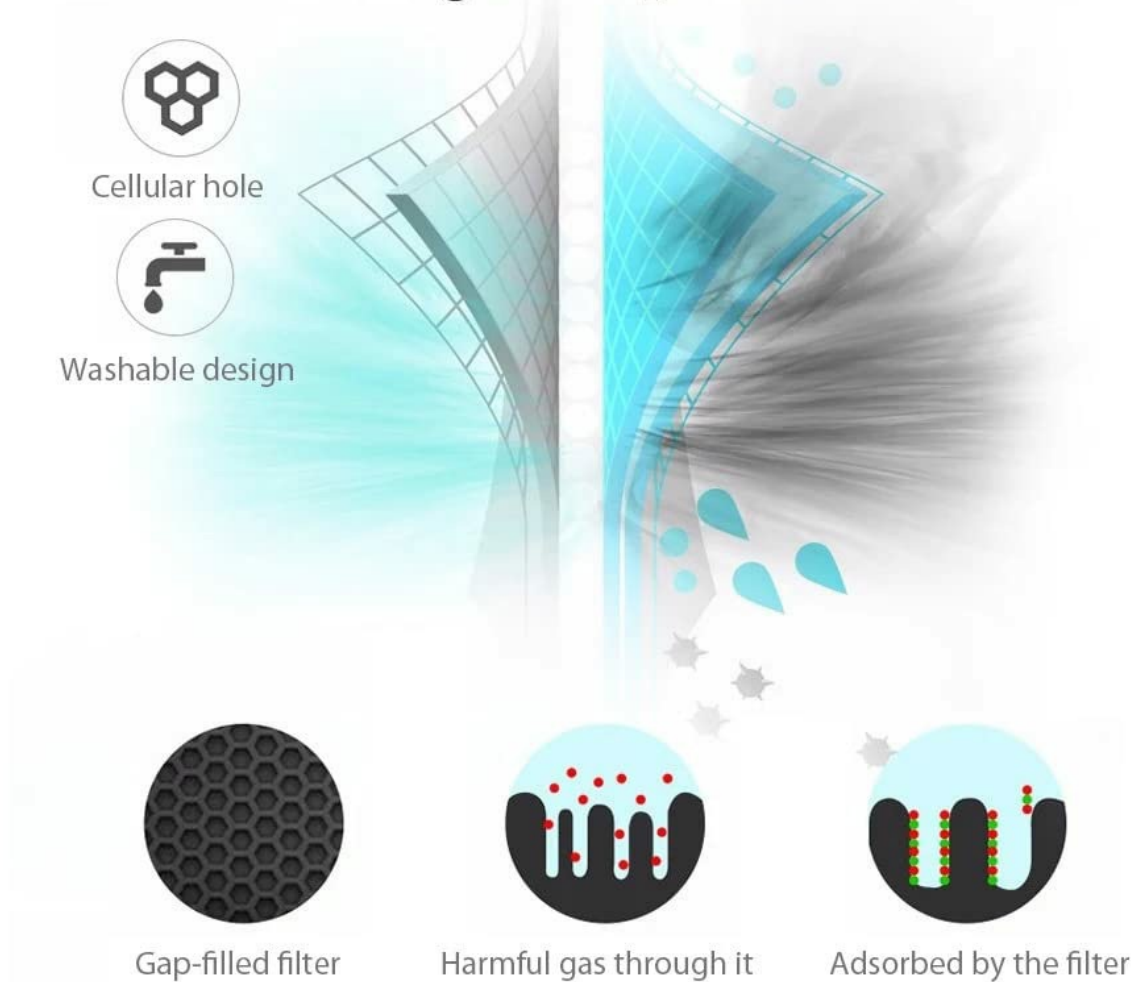


Figure 6: Diagram illustrating how the activated carbon filter works to adsorb impurities from the air.

Storage:

Before storing, ensure the humidifier is completely clean and dry. Store in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No mist or low mist output	Water tank empty or low. Mineral buildup on transducer. Unit not properly assembled.	Refill water tank. Clean the transducer as per maintenance instructions. Ensure water tank is correctly seated on the base.
Unusual odor from mist	Stagnant water in tank. Dirty water tank or base. New unit odor (temporary).	Empty and clean the water tank and base thoroughly. Use fresh, clean water daily. The odor should dissipate after a few uses.

Problem	Possible Cause	Solution
Water leakage	Water tank not properly sealed. Unit placed on an uneven surface. Overfilling the water tank.	Ensure the top cover and water tank are securely in place. Place the humidifier on a flat, stable surface. Do not fill water above the MAX line.
Loud noise during operation	Unit not on a flat surface. Water level too low. Foreign object in the base.	Ensure the unit is on a stable, flat surface. Refill the water tank. Check the base for any obstructions and remove them.

SPECIFICATIONS

Feature	Detail
Model Name	F500
Brand	Deerma
Operation Mode	Ultrasonic
Water Tank Capacity	5 Liters
Special Feature	Adjustable Humidity Control, 360° Rotatable Mist Nozzle, Activated Carbon Filter
Filter Type	Manual Air Purifier (Activated Carbon)
Color	White
Product Dimensions	22D x 22W x 21H Centimeters
Item Weight	400 Grams
Control Method	Touch (Knob)
Included Components	1 X Humidifier
Manufacturer	Guangdong Deerma Technology Co., Ltd.
Country of Origin	China

WARRANTY AND SUPPORT

The Deerma F500 Ultrasonic Humidifier comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact Deerma customer support. For technical support, troubleshooting assistance, or spare parts, please contact your local Deerma authorized service center or visit the official Deerma website.

Customer Support Contact: Please refer to the contact information provided on the product packaging or the official Deerma India website for the most up-to-date support details.



Figure 7: Deerma India official logo, representing the brand.

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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

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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