

KZF KZF-519

KZF 4L Ultrasonic Cool Mist Humidifier User Manual

Model: KZF-519

1. INTRODUCTION

Thank you for purchasing the KZF 4L Ultrasonic Cool Mist Humidifier. This manual provides important information regarding the safe operation, installation, maintenance, and troubleshooting of your humidifier. Please read this manual thoroughly before use and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions.

- Always place the humidifier on a firm, flat, waterproof surface at least 12 inches (30 cm) away from walls and appliances.
- Do not operate the humidifier if the cord or plug is damaged.
- Keep the humidifier out of reach of children and pets.
- Do not immerse the humidifier base in water or other liquids.
- Unplug the humidifier before filling, cleaning, or moving it.
- Do not add essential oils directly into the water tank. Use the designated essential oil tray only.
- Use only clean, cool tap water. Distilled or demineralized water is recommended to prevent white dust.
- Do not block the mist outlet.
- Do not attempt to repair or disassemble the humidifier yourself. Contact customer service for assistance.

3. PRODUCT OVERVIEW

3.1 Package Contents

- KZF 4L Ultrasonic Cool Mist Humidifier

- User Manual
- Cleaning Brush (if included)

3.2 Component Diagram

Familiarize yourself with the main components of your KZF 4L Humidifier:



Image 3.2.1: KZF 4L Humidifier with indicators for 4L capacity, top-fill design, auto shut-off protection, and quiet operation (<28dB).

1. **Mist Outlet:** Where the cool mist is dispersed.
2. **Water Tank:** Transparent reservoir for water, 4-liter capacity.
3. **Base Unit:** Contains the ultrasonic transducer, fan, and control panel.
4. **Control Panel/Display:** Digital display and touch buttons for operation.
5. **Essential Oil Tray:** Small compartment for adding essential oils (usually located on the side or back of the base).
6. **Power Cord:** For connecting to an electrical outlet.

4. SETUP

4.1 Unpacking

1. Remove all packaging materials from the humidifier and its components.
2. Inspect the humidifier for any damage. Do not use if damaged.

4.2 Placement

- Place the humidifier on a flat, stable, and waterproof surface.
- Ensure it is at least 12 inches (30 cm) away from walls, furniture, and electronic devices to prevent moisture damage.
- Position the humidifier in a central location in the room for even mist distribution. The humidifier is designed to cover areas up to 500 sq ft.
- Do not place it directly on carpet or a towel, as this may block the air inlet.



Image 4.2.1: KZF 4L Humidifier placed in a room, illustrating its mist coverage for large rooms and bedrooms.

4.3 Filling the Water Tank

The KZF 4L Humidifier features a convenient top-fill design.

1. Ensure the humidifier is unplugged from the power outlet.
2. Remove the top cover of the humidifier.

3. Pour clean, cool tap water directly into the water tank opening. Do not exceed the maximum fill line.
4. Replace the top cover securely.
5. *Note:* For best results and to minimize mineral buildup (white dust), use distilled or demineralized water.



Image 4.3.1: Illustration of the easy top-fill design, allowing direct pouring of water into the tank, contrasting with older, less convenient filling methods.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

1. Plug the power cord into a standard electrical outlet.
2. Press the Power button (**U**) on the control panel to turn the humidifier on. The display will illuminate.
3. Press the Power button again to turn the humidifier off.

5.2 Mist Level Adjustment

The humidifier offers three mist levels:

1. After turning on the humidifier, press the Mist Level button (often indicated by a mist icon or 'Mist') to

cycle through the available settings (Low, Medium, High).

2. The selected mist level will be indicated on the digital display.
3. In sleep mode, the humidifier can provide up to 60 hours of continuous humidification.



Image 5.2.1: The KZF 4L Humidifier operating with low noise, suitable for bedroom use and ensuring undisturbed sleep.

5.3 Essential Oil Diffuser Function

To use the essential oil diffuser feature:

1. Locate the essential oil tray, typically a small drawer or compartment on the side or back of the base unit.
2. Add a few drops of your preferred essential oil onto the aroma pad inside the tray.
3. Slide the tray back into its position.
4. The humidifier will disperse the aroma along with the cool mist.
5. *Note:* Do not add essential oils directly into the water tank, as this can damage the unit and void the warranty.

6. MAINTENANCE AND CLEANING

Regular cleaning is essential for optimal performance and to prevent mineral buildup and bacterial growth.

6.1 Daily Maintenance

- Unplug the humidifier.
- Empty any remaining water from the tank and base.
- Wipe the tank and base dry with a clean cloth.
- Refill with fresh water before each use.

6.2 Weekly Cleaning

1. Unplug the humidifier and empty all water.
2. Remove the top cover. The large opening facilitates easy access for cleaning.
3. **To clean the water tank:** Fill the tank halfway with water and add 2 tablespoons of white vinegar. Shake gently and let it sit for 30 minutes. Rinse thoroughly with clean water until the vinegar smell is gone.
4. **To clean the base unit:** Gently wipe the surface of the ultrasonic transducer (the small disc in the center of the base) with a soft brush or cloth dipped in white vinegar. Do not scrub or apply excessive force. Rinse the base with clean water, being careful not to get water into the air outlet.
5. Wipe all surfaces dry with a clean cloth before reassembling.

6.3 Storage

If the humidifier will not be used for an extended period:

- Perform a thorough weekly cleaning.
- Ensure all parts are completely dry.
- Store the humidifier in its original packaging or a cool, dry place.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
No mist or low mist output	Lack of water Mineral buildup on transducer Mist outlet blocked	Refill water tank Clean the transducer with vinegar and brush Ensure mist outlet is clear
Leaking from the base	Water tank not seated correctly Cracked water tank Overfilling	Ensure tank is properly aligned Contact customer service for replacement Do not fill past the MAX line
White dust around humidifier	Hard water used	Use distilled or demineralized water Clean the humidifier regularly

Problem	Possible Cause	Solution
Unpleasant odor	Stagnant water Dirty water tank/base	Empty and refill water daily Perform weekly cleaning with vinegar
Display panel not staying illuminated	Normal operation (auto-dim feature)	This is often a design feature to reduce light disturbance. Tap a button to re-illuminate temporarily.
Inaccurate humidity reading	Sensor obstruction Environmental factors	Ensure sensor is clean and unobstructed Compare with a separate hygrometer; readings can vary slightly based on placement and air circulation.

8. SPECIFICATIONS

- **Brand:** KZF
- **Model Number:** KZF-519
- **Capacity:** 4 Liters (1.06 Gallons)
- **Runtime:** Up to 60 hours (on lowest mist setting)
- **Mist Output:** Up to 300 ml/hour
- **Noise Level:** <28dB
- **Coverage Area:** Up to 500 sq ft
- **Features:** Top-fill design, 3 mist levels, Essential oil diffuser, Auto shut-off protection

9. WARRANTY AND SUPPORT

KZF is committed to providing quality products and customer satisfaction. If you experience any product problems or have questions, our professional customer service team is available 24 hours a day to assist you.

We offer a **360-day free product replacement** for eligible issues. Please contact our customer service for details and support.

Contact Information: Refer to the contact details provided on the product packaging or the official KZF website.