

## OEARE BZT-161

# OEARE BZT-161 4.8 Gallon Whole House Humidifier User Manual

Model: BZT-161 | Brand: OEARE

## 1. INTRODUCTION

Thank you for purchasing the OEARE BZT-161 4.8 Gallon Whole House Humidifier. This ultrasonic cool mist humidifier is designed to provide optimal humidity levels in large rooms up to 2000 square feet, featuring an 18-liter (4.8-gallon) water tank for extended operation. This manual provides detailed instructions for safe operation, setup, maintenance, and troubleshooting to ensure the best performance of your device.

## 2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using this humidifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always place the humidifier on a firm, flat, waterproof surface at least 12 inches (30 cm) away from walls and appliances.
- Do not place the humidifier directly on carpet, rugs, or absorbent surfaces.
- Ensure the power cord is not damaged and is plugged into a suitable electrical outlet.
- Do not operate the humidifier with a damaged cord or plug.
- Unplug the humidifier before filling, cleaning, or moving it.
- Do not add essential oils directly into the water tank. Use the designated aroma box.
- Keep out of reach of children and pets.
- Do not block the mist outlet or air intake vents.
- Use clean, cool tap water. Distilled or demineralized water is recommended to prevent white dust.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your OEARE BZT-161 Humidifier.



**Figure 3.1:** Overall view of the OEARE BZT-161 Humidifier with the extension tube installed. The unit is white with a clear water level indicator on the front and a digital display panel.



Figure 3.2: Close-up of the digital control panel, showing buttons for UV, Timer, Humidity, Mist, Sleep, and Power. The display shows current humidity and temperature readings.

### Key Features:

- **Large Capacity:** 4.8 Gallon (18L) water tank for up to 60 hours of continuous operation.
- **Wide Coverage:** Humidifies spaces up to 2000 sq. ft. with a maximum mist output of 800 ml/h.
- **Customizable Humidity:** Adjustable humidity levels from 30% to 95% with automatic shut-off.
- **Quiet Operation:** Operates at less than 30dB in sleep mode.
- **Dual Water Filling:** Convenient top-fill design or direct tank filling.

- **Aroma Box:** Integrated tray for essential oils to diffuse scents.
- **Dual Control:** Touch screen panel and remote control for easy operation.
- **Mobility:** Built-in 360° casters for easy movement.

## 4. SETUP

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### 4.1 Unpacking and Placement

1. Carefully remove the humidifier from its packaging.
2. 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.
3. Ensure the power cord is accessible and not obstructed.

### 4.2 Water Filling

The humidifier offers two convenient methods for filling the water tank:

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±5%  
High Precision Humidistat

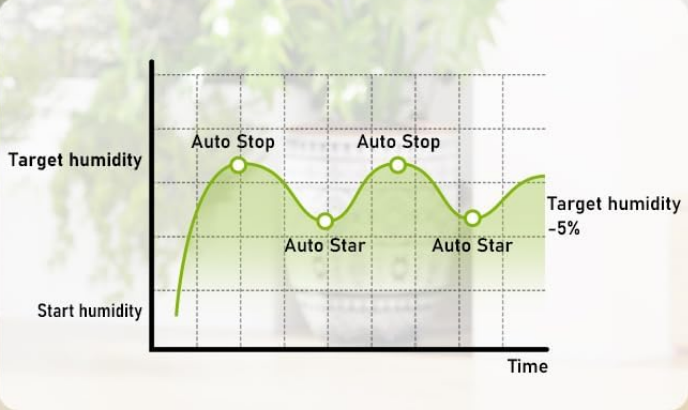
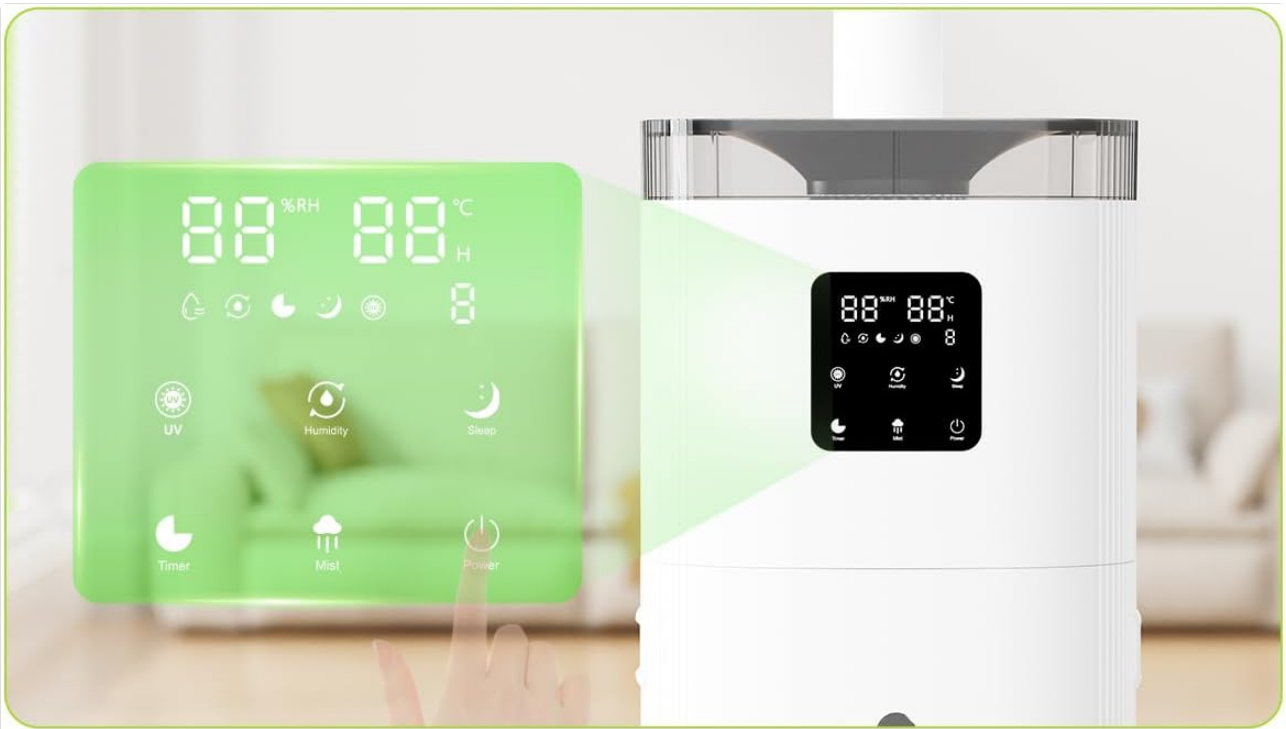


Figure 4.1: Top Water Filling. Simply pour water directly into the top opening of the humidifier.



## 5M Remote Control & Touch Screen



**Figure 4.2:** Water Tank Filling. Remove the top unit to access and fill the water tank directly. This method is also useful for cleaning.

- Ensure the humidifier is unplugged before filling.
- Use clean, cool tap water. For best results and to minimize mineral buildup (white dust), use distilled or demineralized water.
- Do not exceed the maximum water level indicator.

### 4.3 Installing the Extension Tube (Optional)

For increased mist height and wider dispersion, you can install the provided extension tube. Simply align the base of the extension tube with the mist outlet on the top of the humidifier and gently push down until it is securely in place.

## 4.4 Using the Aroma Box

To add essential oils for aromatherapy, locate the small aroma box on the side of the humidifier. Pull it out, add a few drops of your preferred essential oil onto the cotton pad, and then reinsert the box. Do not add essential oils directly into the water tank.

## 5. OPERATING INSTRUCTIONS

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The humidifier can be operated using the touch control panel or the included remote control.

### 5.1 Power On/Off

- Plug the power cord into a standard electrical outlet.
- Press the **Power** button on the control panel or remote control to turn the humidifier on or off.

### 5.2 Adjusting Mist Level

- Press the **Mist** button repeatedly to cycle through low, medium, and high mist output settings.
- The current mist level will be displayed on the LED screen.

### 5.3 Setting Desired Humidity

- Press the **Humidity** button to enter humidity setting mode.
- Use the **+/-** buttons (if available on remote, or cycle through on panel) to set your desired humidity level between 30% and 95% in 5% increments.
- The humidifier will automatically turn off misting when the ambient humidity reaches the set level and resume when it drops below.

### 5.4 Timer Function

- Press the **Timer** button to set the operating time from 1 to 14 hours.
- The humidifier will automatically turn off once the set time has elapsed.

### 5.5 Sleep Mode

- Press the **Sleep** button to activate sleep mode.
- In sleep mode, the LED display will turn off, and the humidifier will operate at a low noise level (below 30dB) to avoid disturbing sleep.

### 5.6 UV Sterilization (if applicable)

- Press the **UV** button to activate or deactivate the UV sterilization function. This helps to purify the water within the tank.

### 5.7 Remote Control

# 18L/4.8Gal Smart Humidifier



**Figure 5.1:** Remote Control. The included remote allows convenient operation from up to 5 meters away.

The remote control duplicates all functions available on the touch control panel, allowing you to adjust settings from a distance of up to 5 meters.

## 5.8 Operational Video

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**Video 5.1:** This video demonstrates the various features and operational aspects of the OEARE 4.8 Gallon Whole House Humidifier, including mist output, humidity settings, and overall functionality.

## 6. MAINTENANCE

Regular cleaning and maintenance are crucial for the efficient operation and longevity of your humidifier. Always unplug the unit before cleaning.

## 6.1 Daily Maintenance

- Empty any remaining water from the tank and base.
- Rinse the water tank and base with fresh water.
- Wipe the exterior of the unit with a soft, damp cloth.

## 6.2 Weekly Cleaning (or more often with hard water)

- **Descaling the Water Tank:**
  - a. Unplug the humidifier and remove the top unit.
  - b. Pour 1 cup (250ml) of undiluted white vinegar into the water tank.
  - c. Let it soak for 30 minutes.
  - d. Brush the inside of the tank with a soft brush to remove mineral buildup.
  - e. Rinse thoroughly with clean water until the vinegar smell is gone.
- **Cleaning the Base and Transducer:**
  - a. Pour 1/2 cup (125ml) of undiluted white vinegar into the base reservoir, covering the transducer (the small metal disc).
  - b. Let it soak for 30 minutes.
  - c. Gently clean the transducer with a soft brush or cotton swab. Do not scrub aggressively.
  - d. Rinse the base thoroughly with clean water. Do not immerse the base in water.
- **Aroma Box:** Clean the aroma box and replace the cotton pad as needed.

## 6.3 Storage

When storing the humidifier for an extended period, ensure all parts are clean and dry. Store in a cool, dry place away from direct sunlight.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No mist or low mist output.	Low water level. Mineral buildup on transducer. Mist outlet blocked.	Refill water tank. Clean the transducer as per maintenance instructions. Ensure mist outlet is clear.
White dust around the humidifier.	Hard water used.	Use distilled or demineralized water. Clean the unit regularly.
Unusual odor.	New unit odor. Stagnant water or dirty tank.	Run for a few days, odor should dissipate. Clean the water tank and base thoroughly.

Problem	Possible Cause	Solution
Humidifier not turning on.	Not plugged in. No water in tank. Power outage.	Check power connection. Refill water tank. Check household circuit breaker.

## 8. SPECIFICATIONS

Feature	Detail
Brand	OEARE
Model Name	Humidifier (BZT-161)
Water Tank Capacity	4.8 Gallons (18 Liters)
Max Mist Output	800 ml/h
Coverage Area	Up to 2000 Square Feet
Humidity Control Range	30% - 95%
Operating Noise Level	< 30dB (Sleep Mode)
Timer Settings	1-14 Hours
Control Method	Remote, Touch Panel
Product Dimensions	10"D x 8.6"W x 29"H
Item Weight	10 Pounds
Wattage	55 watts
Special Features	Adjustable Humidity Control, Aroma Diffuser, Digital Display, Humidistat, Removable Tank, 360° Casters, Extension Tube

## 9. WARRANTY AND CUSTOMER SUPPORT

OEARE products are manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or any questions about your product, please refer to the warranty card included in your packaging or contact OEARE customer service directly. Please have your model number (BZT-161) and purchase date available when contacting support.