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› [BONECO U650 Warm or Cool Mist Ultrasonic Humidifier Instruction Manual](#)

## **BONECO U650**

# **BONECO U650 Warm or Cool Mist Ultrasonic Humidifier Instruction Manual**

Model: U650

## **1. INTRODUCTION**

The BONECO U650 Ultrasonic Humidifier is designed to improve indoor air quality by maintaining optimal humidity levels. Proper humidification is essential for comfort and well-being, especially during colder months when indoor air can become excessively dry. This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your BONECO U650 humidifier.



Figure 1: BONECO U650 Humidifier. This image shows the main unit with its digital display and control buttons.

The U650 model offers the flexibility of producing both warm and cool mist, allowing you to select the most comfortable setting for any season. It features a programmable hygrometer to control relative humidity, a multifunction digital display with practical reminders, and advanced water maintenance systems to ensure clean and healthy mist output.

## 2. PRODUCT OVERVIEW AND KEY FEATURES

The BONECO U650 is an advanced ultrasonic humidifier designed for rooms up to 650 sq ft, capable of delivering up to 3.5 gallons of moisture per day. Its innovative design and technology ensure efficient and hygienic humidification.

### Key Features:

- **Warm or Cool Mist:** Select between warm mist, which helps prevent a drop in room temperature during winter, or cool mist for refreshing humidity in warmer conditions.
- **High Output:** Humidifies spaces up to 650 sq ft with an output of up to 3.5 gallons per 24 hours.
- **Digital Display with Touch Controls:** A sleek surface touch panel with a digital display shows current and desired humidity levels, and provides access to all functions.
- **Programmable Hygrostat:** Automatically maintains your desired relative humidity level.
- **Auto Mode:** For fully automated operation, the unit adjusts output based on room conditions.
- **Display Dimmer:** Adjust the brightness of the digital display for comfortable nighttime operation.
- **Practical Reminders:** Includes indicators for refilling water and cleaning requirements.
- **Water Maintenance Systems:** Equipped with a Hydro Cell and a Demineralization Cartridge to reduce minerals, pesticides, odors, and white dust.
- **Double Jet Nozzle:** Allows for mist distribution in two directions.
- **Sleep Mode:** Ensures low noise operation for undisturbed rest.
- **Timer Function:** Program the unit to operate for a specific duration.

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Video 1: BONECO U650 Humidifier Overview. This video demonstrates the features and benefits of the BONECO U650 humidifier, including its mist output, water maintenance systems, and digital controls.

## 3. SETUP

Follow these steps for the initial setup of your BONECO U650 humidifier:

1. **Unpack the Unit:** Carefully remove all packaging materials and place the humidifier on a flat, stable, and water-resistant surface. Ensure there is adequate space around the unit for optimal mist distribution.
2. **Install Water Maintenance Accessories:**
  - **Hydro Cell:** Place the Hydro Cell into the designated compartment in the water tank. The Hydro Cell helps keep the water fresh and clean.
  - **Demineralization Cartridge:** Screw the Demineralization Cartridge onto the cap of the water tank. This cartridge prevents the release of minerals and white dust into the air. It is recommended to soak the cartridge in water for 24 hours before first use.
3. **Fill the Water Tank:** Remove the water tank from the base. Unscrew the cap with the demineralization cartridge and fill the tank with clean, cool tap water. Avoid using hot water. Securely re-attach the cap and place the filled tank back onto the base.
4. **Connect to Power:** Plug the power cord into a suitable electrical outlet. The unit will enter standby mode.



Figure 2: Water Tank and Cartridge Installation. This image illustrates how to remove the water tank and handle the demineralization cartridge for filling and maintenance.

## 4. OPERATION

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Operating your BONECO U650 is intuitive with its digital touch display:



Figure 3: Digital Touch Display. This image provides a detailed view of the control panel, highlighting the current humidity reading and touch-sensitive function icons.

1. **Power On/Off:** Press the power icon (O/I) on the touch display to turn the unit on or off.
2. **Set Desired Humidity:** Use the humidity adjustment icons (+ / -, often represented by up/down arrows or a percentage icon) to set your desired relative humidity level. The display will show "DESIRED" while adjusting.
3. **Auto Mode:** Press the **AUTO/SLEEP** button to activate Auto Mode. In this mode, the humidifier automatically adjusts its output to maintain an optimal humidity level (typically 50%).
4. **Warm or Cool Mist:** Press the mist type icon (often represented by **steam** or **heat** symbols) to toggle between warm and cool mist. Warm mist is pre-heated for comfort.
5. **Display Dimmer:** Press the light bulb icon () to adjust the brightness of the display. This is useful for nighttime operation.
6. **Timer Function:** Use the timer icon (often represented by **aclock**) to set a specific operating duration for the humidifier.
7. **Adjust Mist Output:** The mist output intensity can be adjusted through dedicated icons (often represented by **mist clouds** or **fan speed** symbols) to suit your preference.
8. **Double Jet Nozzle:** The top nozzle can be rotated to direct the mist in different directions, ensuring even distribution in the room.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BONECO U650 humidifier. The unit provides helpful reminders for maintenance tasks.

- Refilling Water:** When the empty indicator illuminates, it's time to refill the water tank. Turn off the unit, remove the tank, and fill it as described in the Setup section.
- Regular Cleaning:** The cleaning reminder will indicate when the unit requires cleaning.
  - Base Cleaning:** Regularly clean the water basin in the base unit to prevent mineral buildup and bacterial growth. Use a soft brush and a mild descaling agent if necessary. Rinse thoroughly.
  - Water Tank Cleaning:** Clean the inside of the water tank periodically with a mild detergent and rinse well.
- Hydro Cell Replacement:** The Hydro Cell should be replaced every 1-2 months, depending on water quality and usage, to maintain its effectiveness in keeping water fresh.
- Demineralization Cartridge Replacement:** The Demineralization Cartridge typically needs replacement every 2-3 months, or when you notice an increase in white dust around the unit. The lifespan depends on water hardness.

*Always unplug the humidifier before performing any cleaning or maintenance tasks.*

## 6. TROUBLESHOOTING

If you encounter issues with your BONECO U650, refer to the following common troubleshooting tips:

- No Mist Output:**
  - Check if the water tank is empty. Refill if necessary.
  - Ensure the unit is properly plugged in and powered on.
  - Verify the water tank is correctly seated on the base.
  - Clean the ultrasonic membrane in the water basin. Mineral buildup can obstruct mist production.
- White Dust Around the Unit:**
  - This indicates that the Demineralization Cartridge needs replacement.
  - Consider using distilled or demineralized water if white dust persists, especially in areas with very hard water.
- Unit Leaking Water:**
  - Ensure the water tank cap is securely tightened.
  - Check for any cracks or damage to the water tank or base.
  - Verify the water tank is properly positioned on the base.
- Unusual Odor:**
  - Clean the water tank and base thoroughly.
  - Replace the Hydro Cell.
  - Use fresh water daily.

If the problem persists after following these steps, please contact BONECO customer support.

## 7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	BONECO
Model Name	U650 (AOS U650)
Operation Mode	Ultrasonic
Special Features	Multifunction Display, Sleep Mode, Warm/Cool Mist, Auto Mode, Programmable Hygrostat
Floor Area Coverage	Up to 650 Square Feet
Output Capacity	Up to 3.5 gallons/24 hours
Color	Black
Item Weight	8.8 Pounds
Product Dimensions	10.25 x 9.25 x 13.25 inches
Voltage	120 Volts
Wattage	40 watts
Included Components	Hydro Cell, Demineralization cartridge, EZCal
Assembly Required	No
Batteries Required	No

## 8. WARRANTY AND SUPPORT

The BONECO U650 Humidifier comes with a **3-year warranty**. For warranty claims, technical support, or any questions not covered in this manual, please contact BONECO customer service.

You can find more information and contact details on the official BONECO website or through your retailer.

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### Related Documents - U650

	<p><a href="#">BONECO U650 Ultrasonic Humidifier User Manual</a></p> <p>Comprehensive user manual for the BONECO U650 Ultrasonic Humidifier. Learn how to safely set up, operate, clean, and maintain your humidifier for optimal indoor air quality. Includes troubleshooting tips and essential safety information.</p>
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	<p><b><a href="#">BONECO 7135 Ultrasonic Humidifier User Manual</a></b></p> <p>User manual for the BONECO 7135 Ultrasonic Humidifier, providing setup, operation, maintenance, and troubleshooting guidance to ensure optimal indoor air quality and comfort.</p>
	<p><b><a href="#">BONECO U350 Ultrasonic Humidifier User Manual - Healthy Air</a></b></p> <p>Comprehensive user manual for the BONECO U350 ultrasonic humidifier. Learn about setup, operation, maintenance, and features for optimal healthy room air. Includes technical data and troubleshooting.</p>
	<p><b><a href="#">BONECO U700 Ultrasonic Humidifier Quick Manual</a></b></p> <p>Concise quick manual for the BONECO U700 ultrasonic humidifier, covering first use, cleaning, and technical specifications. Download the full manual for detailed information and safety guidelines.</p>
	<p><b><a href="#">BONECO U50 Ultrasonic Humidifier User Manual and Instructions</a></b></p> <p>Comprehensive user manual for the BONECO U50 ultrasonic humidifier, detailing its features, operation, technical specifications, first use, cleaning, and troubleshooting. Includes safety information and manufacturer details.</p>
	<p><b><a href="#">BONECO U250 Ultrasonic Humidifier Quick Manual - Ultrasonic Humidifier</a></b></p> <p>Concise quick manual for the BONECO U250 ultrasonic humidifier, covering scope of delivery, technical specifications, first use, fragrance container, cleaning, and button functions. Download full manual for more details.</p>