

## Bonaire BUH004X

# Bonaire BUH004X Humidifier and Hygrometer Instruction Manual

## 1. INTRODUCTION

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The Bonaire BUH004X Humidifier and Hygrometer is designed to improve indoor air quality by releasing a fine, cool mist. This quiet and low-maintenance unit is suitable for living areas and bedrooms up to 30 m<sup>2</sup>. It features variable humidity output and an independent hygrometer/thermometer to monitor room humidity and allow precise control over your environment.

Key features include:

- Visible cool mist output to alleviate discomfort from dry air.
- Ideal for rooms up to 30 m<sup>2</sup>.
- Variable humidity output control.
- Up to 24 hours of continuous operation without refilling.
- Automatic shut-off function for safety when the water tank is empty.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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Please read and save these important safety instructions before using this humidifier.

- Always place the humidifier on a firm, flat, water-resistant surface.
- Keep the appliance out of reach of children and pets.
- Do not block air vents or place the unit near heat sources.
- Unplug the humidifier from the electrical outlet before filling, cleaning, or moving it.
- Never immerse the humidifier base in water or other liquids.
- Use only clean, cool tap water. Distilled water is recommended to minimize mineral buildup and white dust.
- Do not add essential oils, medications, or any additives to the water tank or base.
- Do not operate the humidifier if any part is damaged or if it has been dropped.

- Ensure the power cord is not damaged or placed under heavy objects.

### 3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your Bonaire BUH004X Humidifier and Hygrometer.



**Figure 1:** Bonaire BUH004X Humidifier and separate digital hygrometer. The humidifier features a clear water tank on a white base with a control dial, while the hygrometer displays temperature and humidity.

- **Humidifier Base:** Contains the ultrasonic transducer and electronic controls.

- **Water Tank:** Transparent tank for holding water.
- **Mist Nozzle:** Directs the mist output.
- **Control Dial:** Used to power on/off and adjust mist intensity.
- **Independent Hygrometer/Thermometer Unit:** A separate digital device to measure room temperature and humidity.

## 4. SETUP

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Follow these steps to set up your humidifier for first use:

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage if needed.
2. **Placement:** Place the humidifier on a firm, level, water-resistant surface at least 15 cm (6 inches) away from walls and furniture. Ensure it is not placed directly on carpet or near heat sources.
3. **Fill Water Tank:**
  - Remove the water tank from the humidifier base.
  - Unscrew the tank cap at the bottom of the tank.
  - Fill the water tank with cool, clean tap water. Distilled water is recommended. Do not fill with hot water.
  - Securely replace the tank cap.
4. **Assemble:** Place the filled water tank back onto the humidifier base, ensuring it is seated correctly.
5. **Power Connection:** Plug the power cord into a standard 220V electrical outlet.
6. **Hygrometer Placement:** Place the independent hygrometer/thermometer unit in the area where you want to monitor humidity and temperature. For accurate readings, place it away from the humidifier's direct mist output.

## 5. OPERATING INSTRUCTIONS

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Operating your Bonaire BUH004X Humidifier is straightforward:



**Figure 2:** Close-up of the Bionaire humidifier control dial. The dial features a power indicator light and symbols for mist output adjustment.

1. **Power On and Mist Adjustment:** Turn the control dial clockwise to power on the humidifier. Continue turning the dial clockwise to increase the mist output. Turn the dial counter-clockwise to decrease the mist output.
2. **Power Off:** Turn the control dial fully counter-clockwise until it clicks to power off the unit.
3. **Monitoring Humidity:** Use the separate hygrometer/thermometer unit to monitor the current room humidity and temperature. Adjust the humidifier's mist output based on your desired humidity level. The ideal indoor humidity level is typically between 40% and 60%.

4. **Automatic Shut-off:** The humidifier is equipped with an automatic shut-off feature. When the water tank is empty, the unit will automatically turn off, and the power indicator light may change color or turn off. Refill the water tank to resume operation.

## 6. MAINTENANCE

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Regular cleaning is essential for optimal performance and hygiene of your humidifier.

### Daily Maintenance

- Unplug the unit.
- Empty any remaining water from the tank and base.
- Rinse the water tank and base thoroughly with clean water.
- Wipe down all surfaces with a clean, damp cloth.

### Weekly Maintenance (or more often with hard water)

1. **Unplug:** Ensure the humidifier is unplugged from the power outlet.
2. **Disassemble:** Remove the water tank from the base.
3. **Clean Tank:** Pour 1 cup of undiluted white vinegar into the water tank. Swish it around to wet all interior surfaces. Let it soak for 20 minutes.
4. **Clean Base:** Carefully pour white vinegar into the humidifier base, ensuring it covers the ultrasonic transducer and any mineral deposits. Let it soak for 20 minutes.
5. **Remove Deposits:** Use a soft brush or cloth to gently scrub away any mineral deposits from the tank and base. Do not use abrasive cleaners or harsh chemicals.
6. **Rinse:** Rinse all parts thoroughly with clean water until the smell of vinegar is gone.
7. **Dry:** Allow all parts to air dry completely before reassembling or storing.

### Storage

When storing the humidifier 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

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If you encounter issues with your humidifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No mist output	<ul style="list-style-type: none"> <li>• No power</li> <li>• Water tank empty</li> <li>• Water tank not seated correctly</li> <li>• Ultrasonic transducer dirty</li> </ul>	<ul style="list-style-type: none"> <li>• Check power cord connection.</li> <li>• Refill water tank.</li> <li>• Ensure tank is firmly placed on the base.</li> <li>• Clean the transducer as per maintenance instructions.</li> </ul>
Unusual odor	<ul style="list-style-type: none"> <li>• Stagnant water</li> <li>• Mineral buildup</li> </ul>	<ul style="list-style-type: none"> <li>• Empty and clean the unit thoroughly.</li> <li>• Use fresh, clean water daily.</li> <li>• Consider using distilled water.</li> </ul>
White dust around humidifier	<ul style="list-style-type: none"> <li>• Hard water minerals</li> </ul>	<ul style="list-style-type: none"> <li>• This is normal with hard water.</li> <li>• Use distilled or demineralized water to reduce white dust.</li> <li>• Clean the unit regularly.</li> </ul>
Excessive humidity in room	<ul style="list-style-type: none"> <li>• Mist output too high</li> <li>• Room size too small</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the mist output using the control dial.</li> <li>• Ensure the humidifier is appropriate for your room size.</li> <li>• Ventilate the room if necessary.</li> </ul>

## 8. SPECIFICATIONS

Detailed technical specifications for the Bonaire BUH004X Humidifier and Hygrometer:

- **Brand:** Bonaire
- **Model Number:** BUH004X
- **Color:** White
- **Dimensions (L x W x H):** 21.7 x 21.5 x 41.8 cm
- **Weight:** 1.2 Kilograms
- **Water Tank Capacity:** 4 Liters
- **Power:** 21 Watts
- **Voltage:** 220 Volts
- **Material:** Polypropylene
- **Automatic Shut-off:** Yes
- **Runtime:** Up to 24 hours
- **Special Features:** Automatic shut-off, Mist diffuser, Silent operation
- **Operation Mode:** Ultrasonic

- **Recommended Room Type:** Bedroom, Living areas
- **Recommended Room Area:** Up to 30 m<sup>2</sup>

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the separate warranty card included with your product or visit the official Bonaire website. Keep your purchase receipt as proof of purchase.

For technical support, spare parts, or customer service inquiries, please contact Bonaire customer support through their official website or the contact information provided in your product packaging.