

TROTEC 3-in-1 Ultrasonic Humidifier B 7 E Instruction Manual

Model: B 7 E

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the safe and efficient use of your **TROTEC 3-in-1 Ultrasonic Humidifier B 7 E**. Please read these instructions carefully before operating the device and keep them for future reference.

The whisper-quiet 3-in-1 Ultrasonic Humidifier B 7 E ensures a healthy indoor climate with a wellness effect through a combination of refreshing humidification, continuous air purification, and aromatherapy. The humidity is automatically maintained at a healthy and comfortable level (40–60%). An integrated carbon air filter removes dust, pollen, and unpleasant odors, and the device can also be aromatized with a subtle scent. The UV lamp in the water tank keeps the water clean and up to 97.9% germ-free.

Optimal humidified air with a humidity level between 40% and 60% allows for free breathing, increases oxygen intake, and keeps important mucous membranes moist, thereby supporting the immune system. For optional aromatization, the B 7 E features an integrated essential oil reservoir. A few drops of essential oil are sufficient for a pleasant aroma.



Image 1.1: The TROTEC B 7 E Ultrasonic Humidifier, a compact and modern device designed for optimal indoor air quality.

2. SAFETY INSTRUCTIONS

Always observe the following safety instructions to prevent injury or damage to the device:

- Read all instructions before using the appliance.
- Do not operate the appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.

- Keep the appliance and its cord out of reach of children.
- Do not immerse the appliance in water or other liquids.
- Ensure the appliance is placed on a stable, flat, and water-resistant surface.
- Unplug the appliance during filling, cleaning, and when not in use.
- Only use clean, cool tap water in the water tank. Do not add essential oils directly into the water tank; use the designated aroma diffuser.
- Do not block the mist outlet.
- Do not attempt to repair or disassemble the appliance yourself. Contact qualified service personnel.

3. PRODUCT FEATURES

The TROTEC B 7 E offers a range of features designed to enhance your indoor environment:

- **High Humidification Capacity:** With a powerful nebulization capacity of 7.2 liters per day, the B 7 E is suitable for living and working spaces up to 30 m² or 75 m³.
- **Extended Operation:** The 5-liter water tank allows for up to 16 hours of continuous humidification, minimizing the need for frequent refills.
- **Integrated Aromatherapy:** An easily accessible essential oil diffuser allows for the addition of a few drops of essential oil to create a pleasant and subtle aroma in the room.
- **Air Purification:** A built-in carbon air filter reduces harmful substances such as pollen and dust, and neutralizes unpleasant odors, contributing to cleaner air.
- **Adjustable Nebulization:** The nebulization intensity can be adjusted in three levels to suit room size and seasonal needs. An automatic mode regulates the intensity independently.
- **UV Lamp for Water Hygiene:** An integrated UV lamp prevents bacterial growth and germ formation in the water reservoir, ensuring hygienic mist output. An optional SecoSan stick with germ-inhibiting silver ions can provide additional protection.
- **Night Mode:** The illuminated display automatically turns off after approximately 40 seconds in night mode to avoid disturbing sleep. It reactivates when any button is pressed.



Image 3.1: The TROTEC B 7 E effectively humidifies rooms up to 30 m² or 75 m³.

4. SETUP

- 1. Unpacking:** Carefully remove the humidifier from its packaging. Retain the packaging for future storage or transport.
- 2. Placement:** Place the humidifier on a firm, flat, and water-resistant surface, away from direct sunlight, heat sources, and electronic devices. Ensure there is sufficient space around the unit for optimal mist dispersion.
- 3. Filling the Water Tank:**
 - Remove the top cover of the humidifier.
 - Carefully lift out the water tank.
 - Fill the tank with clean, cool tap water. Do not exceed the maximum fill line.
 - Place the water tank back into the base unit, ensuring it is seated correctly.
 - Replace the top cover.



Image 4.1: Illustration of how to fill the 5-liter water tank, which provides up to 16 hours of operation.

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

5. OPERATING INSTRUCTIONS

The TROTEC B 7 E features an intuitive control panel for easy operation:



Image 5.1: The control panel displays current humidity and offers various touch controls.

1. **Power On/Off:** Press the **Power button** (●) to turn the device on or off. The display will illuminate, showing the current humidity level.
2. **Adjusting Humidification Levels:** Press the **Mist Level button** (●) repeatedly to cycle through three mist intensity levels (Low, Medium, High). The selected level will be indicated on the display.



Image 5.2: The humidifier offers adjustable nebulization levels for customized comfort.

3. **Automatic Mode:** Press the **Auto Mode button** (●) to activate automatic humidification. In this mode, the device will automatically adjust the mist output to maintain a comfortable humidity level (typically between 40-60%).
4. **Aromatherapy Function:** Locate the aroma diffuser compartment, usually a small tray or slot. Add a few drops of essential oil to the aroma pad. Do not add oils directly into the water tank.
5. **Night Mode:** Press the **Night Mode button** (●) to activate night mode. The display illumination will turn off after approximately 40 seconds to ensure an undisturbed sleep environment. Press any button to temporarily reactivate the display.
6. **Timer Function:** Use the **Timer button** (●) to set an operating duration. The device will automatically turn off after the set time.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your humidifier.

- **Daily Cleaning (Water Tank):** Empty and rinse the water tank daily. Refill with fresh, cool tap water.
- **Weekly Cleaning (Base Unit and Transducer):**

- Unplug the humidifier.
- Remove the water tank.
- Wipe the base unit and the ultrasonic transducer (the small disc that produces mist) with a soft, damp cloth. Do not use abrasive cleaners.
- If mineral deposits accumulate on the transducer, gently clean them with a soft brush and a small amount of white vinegar. Rinse thoroughly.

- **Carbon Filter Replacement:** The integrated carbon air filter should be replaced every 6-12 months, depending on usage and air quality. Refer to the product packaging or TROTEC website for replacement filters.
- **UV Lamp Cleaning/Replacement:** The UV lamp helps keep the water germ-free. Periodically check the lamp for cleanliness. If it appears dirty, gently wipe it with a soft cloth. The UV lamp has a limited lifespan and may need replacement if its effectiveness diminishes. Consult TROTEC support for replacement procedures.
- **Storage:** If storing the humidifier for an extended period, ensure it is clean and dry. Store it in its original packaging in a cool, dry place.



Image 6.1: The integrated UV lamp helps maintain water hygiene by protecting against bacteria.

7. TROUBLESHOOTING

If you encounter issues with your TROTEC B 7 E, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No mist or low mist output	Water tank empty Mineral deposits on transducer Mist outlet blocked	Refill water tank Clean transducer as per maintenance instructions Ensure mist outlet is clear
Unusual noise	Water tank not seated correctly Foreign object in base unit	Re-seat water tank firmly Unplug and check for obstructions
Device does not turn on	No power supply Power cord damaged	Check power connection and outlet Contact customer support if cord is damaged
Unpleasant odor from mist	Stagnant water Dirty water tank/base Carbon filter needs replacement	Empty and clean water tank thoroughly Clean base unit Replace carbon filter

If the problem persists after attempting these solutions, please contact TROTEC customer support.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	1160000057
Product Dimensions (L x W x H)	19.5 x 19.5 x 38.5 cm
Capacity	5 Liters
Recommended Room Area	Up to 30 m ²
Operating Mode	Ultrasonic
Special Features	Aroma diffuser, UV lamp, Carbon filter
Material	Polypropylene
First Available Date	September 16, 2021



Image 8.1: Dimensions of the TROTEC B 7 E humidifier.

9. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official TROTEC website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Website: www.trotec.com