THANK YOU FOR PURCHASING THE LV455CH ULTRASONIC COOL MIST HUMIDIFIER BY LEVOIT.

Should you have any questions or concerns regarding your new humidifier, please contact us at support@levoit.com. We hope you enjoy your new humidifier!

GET STYLE INSPIRATION

Find @LevoitLifestyle on social media for wellness + style inspiration. We make every space mindful and chic.

@LevoitLifestyle
#LevoitLove • #LevoitLifestyle
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SPECIFICATIONS

Voltage: AC 120V, 60Hz
Rated Power: 30W
Water Tank Capacity: 1.1 gal (4.5 L)
Moisture Output:
  · Mode 1: 100 mL/h
  · Mode 2: 150 mL/h
  · Mode 3: 200 mL/h
  · Mode 4: 300 mL/h
Operation Times:
  · Mode 1: 40 hours
  · Mode 2: 25 hours
  · Mode 3: 20 hours
  · Mode 4: 15 hours

PACKAGE CONTENTS

1 x Ultrasonic Cool Mist Humidifier
1 x Cleaning Brush (Attached)
3 x Aroma Pads (1 Pre-Installed)
1 x User Manual
SAFETY INFORMATION

To reduce the risk of fire, electric shock, or other injury, follow all instructions and safety guidelines.

General Safety

Only use this humidifier as described in this manual.

- Place the humidifier and cord so that the humidifier will not be knocked over.
- Ensure that the plug fits properly into a polarized power outlet.
- When not in use, turn the machine off and disconnect from power source by removing the plug from the outlet.
- **Do not** overfill the water tank as it may cause electric shock.
- **Do not** handle the power cord or plug with wet hands. Keep the power cord and plug away from liquids.
- **Do not** use this humidifier in wet environments.
- Keep the humidifier out of reach from children.
- **Do not** open the base or remove the water level sensor for self-servicing. Doing so will void your warranty and may increase the risk of electric shock, injury, or damage to the humidifier.
- **Always** unplug your humidifier from the power outlet before cleaning your humidifier or detaching the water tank from the humidifier base.

Use & Care

- Direct the nozzle away from walls.
- **Only** fill the water tank with clean water. **Never** fill the water tank with any other liquids.
- **Do not** place the humidifier near sources of heat, such as stovetops, ovens, or radiators.
- **Do not** place the humidifier directly on floors, carpets, or rugs.
- **Do not** cover the nozzle while the humidifier is on. Doing so may damage the humidifier.
• If the relative humidity in your room exceeds 68%, turn off the device or use the low mist setting.
• Remove the water tank from the base before moving the humidifier.
• **Do not** immerse the humidifier base, power cord, or plug in water.
• **Always** clean the humidifier as instructed in this manual (see General Cleaning, page 17).
• If the humidifier is damaged or is not functioning properly, stop using it and contact **Customer Support** immediately (see page 22).

**IMPORTANT**

- **Do not** shake the humidifier.
- **Do not** place humidifier on an inclined surface.
- **Do not** place humidifier directly against walls.
- **Always** direct the nozzle away from walls and appliances.

**READ AND SAVE THESE INSTRUCTIONS**
GETTING TO KNOW YOUR HUMIDIFIER

A. Nozzle
B. Top Cover
C. Water Tank Handle
D. Mist Tube
E. Water Tank
F. Water Tank Window
G. Base
H. Water Tank Cap
I. Cleaning Brush
J. Cleaning Brush Storage
K. Inner Chamber
L. Air Vent
M. Transducer
N. Water Level Sensor
O. Display & Control Panel
P. Aroma Box
Q. Aroma Pad
R. Power Cord
S. Humidity Sensor

Front

Underside of water tank

Back

Base
GETTING STARTED

1. Remove the top cover from the water tank and set it aside. [Figure 1.1] Carefully lift the water tank handle to detach the water tank from the base.
2. Flip the water tank over and twist open the water tank cap. [Figure 1.2]
3. Fill the water tank with cold or room temperature water. [Figure 1.3] You can check the water level in the tank by looking through the water tank window. The maximum capacity of the water tank is 1.1 gallons (4.5 L).

NOTE:
• Fill the water tank with at least 2 cups of distilled water.
• **Do not** fill the water tank with hot water.
• **Do not** add water through the nozzle or mist tube.
• **Do not** lift the entire humidifier by the water tank handle.
4. Once you have filled the water tank, replace the cap, and secure it tightly. [Figure 1.4]

5. Carefully place the water tank back onto the base, aligning the water tank cap with the inner chamber. [Figure 1.5]
Once the humidifier is plugged in, the display will light up. The display dims after 15 seconds of inactivity.

- Lights up dimly when the display is turned off.
- Lights up when humidity mode is being changed.
- Lights up when the water tank needs to be refilled.
- Shows the humidity percentage.
- Shows the mist level.
- Lights up when Auto Mode is active.
- The time will count down every hour when the timer has been set.
ON/OFF
• Tap to turn your humidifier on or off.

TIMER – You can set a timer between 1 and 12 hours.
• Tap repeatedly to choose a time.
• When you stop pressing , the display will flash 3 times and the timer will start.
• The humidifier will automatically power off once the timer is finished. Press and hold for 2 seconds or tap repeatedly until it shows “-H” to exit the timer function.

AUTO
AUTO MODE – The humidifier will produce mist as needed to maintain the relative humidity (RH) at a comfortable level.
• When you first turn on the humidifier, it will start in auto mode.
• Tap repeatedly to select auto mode.
• When you turn on the humidity function, auto mode will be disabled. Press and hold for 2 seconds to cancel the humidity function and enter auto mode.

HUMIDITY – You can set the humidity level between 20% and 80%.
• Tap repeatedly to select the humidity level, which will increase in 5% increments.
• Once the humidity level of the environment reaches the set humidity level, the mist will automatically turn off.
• To cancel the humidity function, tap repeatedly until “Co” appears on the display or press and hold for 2 seconds. The humidifier will enter auto mode after cancellation.

MIST LEVEL
• Tap repeatedly to cycle through mist levels 1 through 4 and auto mode.
**OPERATION**

**General Operation**

1. Place the humidifier on a level surface that is elevated, such as a table and a nightstand. Make sure the room is well-ventilated.

2. Plug the humidifier into an electrical outlet.

3. Tap 🔄 once to turn on the humidifier.
   a. If there is no water in the tank, 🔴 will light up. Unplug the humidifier and refill the water tank. See Getting Started (page 10).
   b. If the last humidity setting is lower than the humidity level of the environment, it will release mist for a few seconds and then stop misting.

4. Tap and hold 🔄 and 🌧 for 3 seconds to clear all previous settings.

5. When the water level is low, your humidifier will stop misting.

**NOTE:**
- Always direct the nozzle away from walls and appliances.
- The nozzle can rotate 360° to diffuse mist in any direction.
- The humidifier will stop misting if the water tank is detached from the base.
- When turned on, if there is water in the tank, the humidifier has a memory function that will recall the last setting used before it was turned off or unplugged.
USING THE AROMA BOX

Your humidifier can be used as an aroma diffuser to provide added comfort in your home.

1. Turn off and unplug the humidifier.
2. Locate the aroma box at the back of the base. [*Figure 3.1*]
3. Push the aroma box to release it from the base, then pull it out. [*Figures 3.2 & 3.3*]
4. Put 2-3 drops of essential oil on the aroma pad. [Figure 3.4]

5. Replace the aroma box. Fill the water tank with water and place it back on the base (see *Getting Started*, page 10). [Figure 3.5]

6. Plug in and turn on the humidifier.

**NOTE:**
- You can also add medicated vaporizing steam liquid to the aroma pad.
- The aroma pad can be cleaned and reused after diffusing essential oils (see page 18).
PREVENTING WATER LEAKS

If not placed properly, the water tank on your humidifier may leak. The following tips will ensure that your humidifier operates smoothly.

1. Make sure the blue silicone ring around the water tank cap is secured at all times. [Figure 4.1]

![Inside of water tank cap](image)

Figure 4.1

2. Twist and secure the cap tightly onto the water tank. [Figure 4.2]

   **NOTE:** A small gap between the cap and the tank is normal.

![Figure 4.2](image)

3. Before moving the humidifier, remove the tank from the base and empty any excess water inside the inner chamber. [Figures 4.3 & 4.4]

![Figure 4.3](image)

![Figure 4.4](image)
4. Wipe off any excess water on the top and bottom of the base. [Figure 4.5]

5. **Do not** shake the humidifier or place it on an inclined surface. Make sure to place the humidifier on a flat, level surface. [Figure 4.6]
General Cleaning

**CAUTION:**
- **Always** make sure the humidifier is unplugged from any power source when cleaning.
- The water in the inner chamber near the transducer may still be warm after turning off the humidifier. Use caution when pouring out the water.

1. Unplug the humidifier.
2. Remove the top cover from the water tank. Rinse the nozzle and the cover under clean, running water. Then set it aside to air dry.
3. Remove the water tank from the base and pour out any excess water. Fill the tank with 2 cups of distilled white vinegar and 2 cups of water. Replace the cap and gently shake to coat all sides of the water tank.
4. Fill the inner chamber with 1 cup of distilled vinegar. [*Figure 5.1*]
5. Allow the vinegar to soak inside both the water tank and inner chamber for 30 minutes.
6. Use the included cleaning brush to remove any scale buildup inside the water tank or in the inner chamber. [*Figure 5.2*]
7. Pour out the vinegar from both parts of the humidifier and thoroughly rinse with warm water.
8. Dry all parts with a clean, dry cloth. Make sure all parts of the humidifier are completely dry before reassembling or storing.

*Note: Do not allow water into the air vent.*
Cleaning the Aroma Pad

1. Press the aroma box to release it from the base, then pull it out.
2. Remove the aroma pad from the aroma box.
3. Rinse the pad under warm, running water.
4. Dry with a clean cloth and place it back into the aroma box.

**NOTE:**
- *Do not* pour liquid cleaners or detergents into the aroma box.
- *Do not* use liquid cleaners or detergents to wash the aroma pad.

Disinfecting the Humidifier

Disinfect the water tank before or after storing the humidifier for long periods of time. You should also disinfect if there is any mold buildup inside the water tank.

1. Clean the water tank (see **General Cleaning**, page 17).
2. Fill the water tank with 1 teaspoon of bleach along with 1 gallon of clean water. Reseal the water tank, then gently shake the water tank to ensure all of the sides are coated with the mixture.
3. Add ¼ teaspoon of bleach along with 1 cup of clean water into the base.
4. Allow the solutions in both parts to sit for 30 minutes.
5. Pour out the mixtures from both the water tank and base. Rinse both parts thoroughly under clean, running water.
6. Allow the water tank and base to completely air dry before reassembling the humidifier.

**NOTE:**
- Always wear gloves to protect your hands while using bleach.
- A 3% hydrogen peroxide solution may also be used to disinfect the humidifier.
- *Do not* use the humidifier immediately after disinfecting, doing so may pose a potential health hazard.
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No mist coming out of nozzle.</td>
<td>Humidifier is not plugged in.</td>
<td>Plug the humidifier into a powered electrical outlet.</td>
</tr>
<tr>
<td></td>
<td>Humidifier is not turned on.</td>
<td>Tap the power button to turn on the humidifier.</td>
</tr>
<tr>
<td></td>
<td>No water in tank.</td>
<td>Add at least 2 cups of clean water into the water tank.</td>
</tr>
<tr>
<td></td>
<td>Water level is low.</td>
<td></td>
</tr>
<tr>
<td>Humidifier produces an unusual smell.</td>
<td>Humidifier is new.</td>
<td>Rinse the water tank and allow the humidifier to air dry.</td>
</tr>
<tr>
<td></td>
<td>Residual smell from diffusing</td>
<td>Clean the water tank (see Keeping Things Clean, page 17).</td>
</tr>
<tr>
<td></td>
<td>essential oil on the aroma pad.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water has been in tank for too long.</td>
<td></td>
</tr>
<tr>
<td>Humidifier makes a loud or unusual noise.</td>
<td>Water tank does not fit properly.</td>
<td>Align the water tank cap with its respective port inside the inner chamber.</td>
</tr>
<tr>
<td></td>
<td>Water level is low.</td>
<td>Add at least 2 cups of clean water into the water tank.</td>
</tr>
<tr>
<td></td>
<td>Humidifier is not level.</td>
<td>Place humidifier on a flat, level surface.</td>
</tr>
<tr>
<td></td>
<td>Humidifier is malfunctioning.</td>
<td>Turn off and unplug the humidifier. Discontinue use and contact Customer Support (page 22).</td>
</tr>
<tr>
<td>Problem</td>
<td>Cause</td>
<td>Solution</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>White dust appears around the humidifier after operation.</td>
<td>Water being used has a high mineral content.</td>
<td>Use distilled, purified, or filtered water with the humidifier. Remember to clean your water tank at least once a month.</td>
</tr>
<tr>
<td>Puddle of water forms below the base.</td>
<td>Mist setting is too high.</td>
<td>Switch the humidifier to a lower mist setting.</td>
</tr>
<tr>
<td></td>
<td>Room is not well-ventilated.</td>
<td>Open a window to ensure proper airflow for your humidifier, or move the humidifier to a more well-ventilated room.</td>
</tr>
<tr>
<td></td>
<td>Excess water has spilled from filling the water tank or placing the water tank back onto the base.</td>
<td>Wipe off excess water from the top and bottom of the base before replacing the water tank.</td>
</tr>
<tr>
<td></td>
<td>Humidifier base is leaking.</td>
<td>Unplug the humidifier immediately and stop using it (see Preventing Water Leaks, page 14) before using it again. If your humidifier continues to leak, contact Customer Support (see page 22).</td>
</tr>
<tr>
<td>Some of the buttons are unresponsive.</td>
<td>Humidifier is malfunctioning.</td>
<td>Contact Customer Support (see page 22).</td>
</tr>
<tr>
<td>Little mist is coming out of nozzle.</td>
<td>Nozzle of transducer is dirty.</td>
<td>Clean nozzle or transducer.</td>
</tr>
<tr>
<td>Water leaks.</td>
<td>Water tank cap silicone ring is positioned incorrectly.</td>
<td>Make sure the silicone ring around the water tank cap is secured at all times.</td>
</tr>
</tbody>
</table>
**WARRANTY INFORMATION**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Ultrasonic Cool Mist Humidifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>LV455CH</td>
</tr>
<tr>
<td>Default Warranty Period</td>
<td>1 year</td>
</tr>
</tbody>
</table>

For your own reference, we strongly recommend that you record your order number and date of purchase.

**TERMS & POLICY**

Levoit warrants all products to be of the highest quality in material, craftsmanship, and service, effective from the date of purchase to the end of the warranty period.

Levoit will replace any product found to be defective due to manufacturer flaws based on eligibility. Refunds are available within the first 30 days of purchase. Refunds are only available to the original purchaser of the product. This warranty extends only to personal use and does not extend to any product that has been used for commercial, rental, or any other use in which the product is not intended for. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. Levoit is not responsible in any way for any damages, losses, or inconveniences caused by equipment failure by user negligence, abuse, or use noncompliant with the user manual or any additional safety, use, or warnings included in the product packaging and manual.

This warranty does not apply to the following:

- Damage due to abuse, accident, alteration, misuse, tampering, or vandalism.
- Improper or inadequate maintenance.
- Damage in return transit.
- Unsupervised use by children under 18 years of age.

Levoit and its subsidiaries assume no liability for damage caused by the use of the product other than for its intended use or as instructed in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses so the foregoing disclaimer may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

**Additional 1-Year Warranty**

You can extend your 1-year warranty by an additional year. Log onto www.levoit.com/warranty and enter your order number (for example, from Amazon or Houzz) to register your new product for the extended warranty.

If you are unable to provide the order number for your product, please type a short note in the order number field along with the date you received your product.

**Defective Products & Returns**

If your product proves defective within the specified warranty period, please contact Customer Support via support@levoit.com with your order number. Do not dispose of your product before contacting us. Once Customer Support has approved your request, please return the unit with a copy of the invoice or your order number.
CUSTOMER SUPPORT

If you encounter any issues or have any questions regarding your new product, feel free to contact our helpful Customer Support Team. Your satisfaction is our goal!

Customer Support
Arovast Corporation
1202 N. Miller St., Suite A
Anaheim, CA 92806

Email: support@levoit.com
Toll-Free: (888) 726-8520

Support Hours
Mon–Fri, 9:00 am–5:00 pm PST/PDT

*Please have your invoice and order number ready before contacting Customer Support.
Connect with us @LevoitLifestyle