

levoit®  
 NeoClassic 450S Smart  
 Ultrasonic Cool Mist Humidifier



Questions or Concerns?  
 Please contact us directly:  
 800-445-0000 (in the US)  
 or support@levoit.com  
 or 1-888-726-8526

User Manual

READ AND SAVE THESE  
 INSTRUCTIONS

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

GENERAL SAFETY

- Only use your humidifier as described in this manual.
- Place the humidifier on a solid, flat surface. Do not place the humidifier on a carpet, rug, or other soft surface.
- When not in use, turn the humidifier off and disconnect from power by removing the plug from the outlet.
- Do not use the humidifier in wet environments.
- Keep the humidifier out of reach from children.
- Do not open the base or remove the water tank until the humidifier is unplugged.
- Always unplug your humidifier from the power outlet before cleaning your humidifier or descaling the water tank from the humidifier base.
- Always make sure to place the humidifier on a flat, level surface before operation.
- Only fill the water tank with clean, cool water.
- Do not place the humidifier near sources of heat, such as stoves, ovens, or radiators.
- Do not use the humidifier directly on floors, carpets, or rugs.
- Do not use other items to replace parts for this product.
- Do not cover the humidifier while it is on. Doing so may damage the humidifier.
- Remove the water tank from the base before moving the humidifier.
- Do not immerse the humidifier base, power cord, or plug in water. If the humidifier is damaged or is not functioning properly, stop using it and contact Customer Support immediately (see page 14).
- This humidifier is not to be used by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- This humidifier can be used by children 8 years and older as well as persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the humidifier in a safe way and understand the hazards involved. Children should not clean or perform maintenance on the humidifier without supervision.
- Children should be supervised to ensure that they do not play with the humidifier.
- Not for commercial use. Household use only.

SAFETY INFORMATION (CONT.)

CAUTION: RISK OF LEAKS AND ELECTRIC SHOCK

Do not add essential oils, scented oils, water treatment liquids, or water filter into the water tank or base chamber. This will damage the humidifier and cause leaks.

POWER & CORD

- Ensure that the plug fits properly into a polarized socket.
- Your humidifier has a polarized plug (one prong is wider than the other), when the plug is polarized, it can only be inserted one way. This is a safety feature to reduce the risk of electric shock. If the plug does not fit, reverse the plug.
- If it still does not fit, do not use the plug. It may not be the right plug. Do not try to force the plug into the outlet.
- Do not touch the power cord or plug with wet hands. Keep the plug and power cord away from liquids.
- If the power supply cord is damaged, it must be replaced by Accoset Corporation or similarly qualified persons in order to avoid an electric or fire hazard. Please contact Customer Support (see page 14).

Package Contents

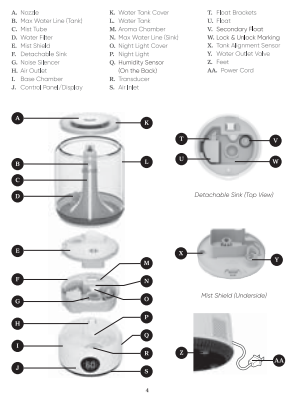
- 1x Smart Ultrasonic Cool Mist Humidifier
- 1x User Manual

Specifications

|                     |                                               |
|---------------------|-----------------------------------------------|
| Model               | LU7-H450S-WHUS                                |
| Power Supply        | AC 120V, 60Hz                                 |
| Rated Power         | 25W                                           |
| Water Tank Capacity | 1.7L (pt) / 4.2L                              |
| Max Mist Output     | 270 mL/h                                      |
| Max Runtime         | 42 hours on sleep mode setting                |
| Noise Level*        | <30dB                                         |
| Dimensions          | 16.1 x 8.1 x 10.8 in. / 25.5 x 20.5 x 27.5 cm |
| Weight              | 3.9Lb / 1.8kg                                 |

Note: To access additional smart humidifier functions, download the VeSync app (see page 6).

Getting to Know Your Humidifier



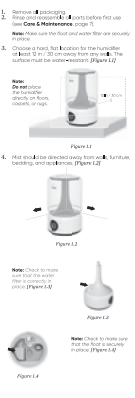
CONTROL PANEL



Controls

- On/Off Button**
  - Tap to turn the humidifier on/off.
  - Press and hold for 5 seconds to exit the humidifier app (see the app instructions for more information).
  - Press and hold for 5 seconds to turn the humidifier off. The humidifier will stop emitting mist and the indicator light will turn off.
- Mist Level Button**
  - Tap to increase or decrease the mist level.
  - Press and hold for 5 seconds to turn the humidifier off.
- Wi-Fi Indicator**
  - Turns on, off, or flicks to indicate Wi-Fi status.
  - See the VeSync app instructions for more information.
- Less Than More Than Indicators**
  - Turn on when the relative humidity is below or above the set point.
- Sleep Mode Button**
  - Tap to turn Sleep Mode on/off.
  - Press and hold for 5 seconds to turn the humidifier off.
- High Light Button**
  - Tap to turn the high light on/off.
  - Press and hold for 5 seconds to turn the humidifier off.
- Four Indicator**
  - Turns on when the water level is low.
  - Turns on when the water level is low.
  - Turns on when the water level is low.
  - Turns on when the water level is low.

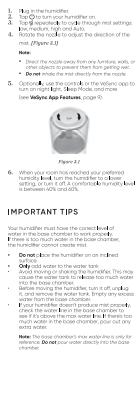
Getting Started



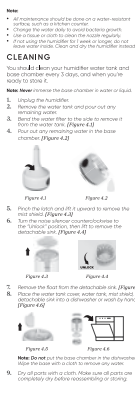
Filling & Refilling



Using Your Humidifier



Care & Maintenance



1. Remove the water filter from the water tank.
2. Fill the water tank with 2 US cups (475 mL) of cold distilled white vinegar (Figure 6.2).
3. Replace the tank cover and switch the vinegar on and the timer.
4. Place the water tank (with mist shroud) detached sink, and float into a container. Fill the container with enough vinegar to cover all parts.
5. Let the water tank and assembled parts sit in the vinegar for 15-20 minutes.
6. Pour out the vinegar and rinse the tank and ports with vinegar. Use a condenser pipe (Figure 6.2).
7. Dry all parts with a 70% MoIsu. Use ports one completely dry before reassembling or storing.

- Place the float back into the base chamber (Figure 4).
  - Make sure the correct side of the float is facing up.
  - Insert the sample prong into the top side of the float brackets.
  - Press the trigger prong into the open U-shaped side of the float brackets.
- Hold the electric hold pin and turn the nose down lever clockwise to the "Lock" position to secure into lock (Figure 5).
- Push the float closed into the water tank until you hear click the lock.
- Release the water tap into the tank.
- Place the water tank onto the base, then place the water tank cover on to the tank.

Follow the cleaning instructions (see page 7) and allow all parts to dry completely before storing. Store in a cool, dry location.

**Note:**

- Due to ongoing updates and improvements, the **WebApp** app may be slightly different from those in the manual. In case of any differences, follow the **WebApp** App Instructions.
- **Acquire device to run app.** iOS/iPad or Android, and **iOS** version 9 or **Android** version 8 or above. Standard data and messaging rates may apply. Registration is required.

1. To download the **WebApp** app, scan the QR code or search "**WebApp**" in the **App Store** or **Google Play Store** (**Figure 2.6**).

2. Open the **WebApp** app. If you already have an account, tap **Login**. To create a new account, tap **Sign Up**.

**Note:** You must create your own **WebApp** account to use third-party services and products. These will not work with a guest account. With a **WebApp** account, you can allow your family or friends to control your smart home.

Auto Mode uses the Humidifier's sensor to automatically adjust the mist level to maintain a target humidity. The default target humidity level is 60%.

**Hint:** You can use the **Vapour** app to change the target humidity level to fit your needs.

1. Repeat step 1 to 5 until you reach Auto Mode.

**Note:** The Humidifier will automatically mist for 15 seconds after being turned on, even if the room has reached the target humidity level.

2. The Humidifier will continue detecting the humidity in the room until the target and stop misting once according to the following table:

| Room Relative Humidity | Automatic Mist Level |
|------------------------|----------------------|
| $\Delta > 32\%$        | High                 |
| $32\% < \Delta < 33\%$ | Medium               |
| $\Delta < 33\%$        | Low                  |
| Reach Target           | Automatic Stop       |

- **Tip 1** Turn Sleep Mode on.
- **When Sleep Mode is on**, you can turn any button in the control panel off.
- **Once you wake up the control panel**, tap any button to exit Sleep Mode and restore normal controls.

## USING THE AROMA CHAMBER

Your humidifier can be used for aromatherapy.

1. Remove the water tank and mix shield. Add 3-6 drops of essential oil to the aroma chamber. (Figure 3.3)
2. Add the water tank and mix shield, then turn the humidifier on. The humidifier will automatically diffuse aroma while humidifying.

Your humidifier can be used for aromatherapy.

1. Remove the water tank and mix dish. Add 3-6 drops of essential oil to the aroma chamber (Figure 3.3).
2. Plug in the water tank and reset shield, then turn the humidifier on. The humidifier will automatically diffuse aroma with humidifying.

**Notes:** Do not add essential oils, water treatment liquids, or other dirty essential fibers into the water tank or base chamber. Only add essential oils to the aroma chamber.



Figure 3.3

The wireless app allows you to access additional smart functions, including those listed below.

### REMOTE CONTROL FROM YOUR PHONE

- Turn the humidifier on/off.
- Set the strength of mist level.
- Turn Auto Mode on/off, and set target humidity level.
- Turn Sleep Mode on/off.
- Turn the night light on/off, and adjust its color and brightness.
- Turn the display lights on/off.

### MONITOR HUMIDITY LEVELS

- Check current humidity level in the humidifier's environment.

### NEW AUTO MODE

- The new auto mode offers four sub-modes, tailored

- The new auto-mode offers four sub-modes, tailored to diverse daily scenarios and personal preferences.

### THIRD-PARTY VOICE CONTROL

• Compatible with Amazon Alexa and Google Assistant for voice commands.

**Note:** The WakeUp app is continually updated, and new features will be added.

### SLEEP/WAKE

This function combines Sleep Aid and WakeUp functions.

- Sleep Aid function can convert a cozy bedtime environment and help you to sleep faster.
- WakeUp function can gently rouse your body from Sleep and wake-up feeling refreshed and energized.

### SCENE MODE

- Sync red light and music for relaxed vibes – ideal for meditation, yoga, med, and focus sessions. You can also play your own scene mode.

- Sync mist, light, and music for slowed vibes — ideal for meditation, yoga, naps, and focus sessions. You can also turn your twin-sense mode.

## SMART CLEANING REMINDER

- Analyze the optimal time for a cleaning reminder, helping maintain the optimal performance of your humidifier.

| Problem                     | Possible Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Life or no life means shut. | <p>Turn the read <b>head</b> to a higher set.</p> <p>Turn the read <b>head</b> to a higher set.</p> <p>There may be too much water in the tank. Check chemical and/or water level.</p> <p>Probe sense the air on the hot, copper or other surfaces that are too hot.</p> <p>Check the humidifier type (Cone &amp; Fuggins).</p> <p>Probe sense the motor is not a probe.</p> <p>Probe sense the humidifier is on air.</p> <p>Is the water tank or bowl too full or dry/damaged?</p> <p>Clean the water (use base page 3).</p> <p>The water temperature may be too high. Turn the fan on for a while, then stop.</p> |

|                         |                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | <p>Make sure the humidifier is on a flat surface.</p> <p>If the water tank or base was washed with any detergent.</p> <p>Clean the water filter (see page 7).</p> <p>The water temperature may be too high. Let the humidifier run for a while, then add more water.</p> |
| Humidifier doesn't work | <p>Plug the humidifier into a working outlet.</p>                                                                                                                                                                                                                        |

|                                                                      |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Humidifier is not<br>turning on or<br>emitted noise.                 | <p>Make sure the water tank is properly filled.</p> <p>Check that the humidifier is in a clean setting.</p> <p>Empty the water chamber and clean the humidifier unit, the water tank, and the water inlet.</p> <p>Use humidifier only for recommended people.</p> |
| White spots (silica<br>buildup) appears<br>around the<br>humidifier. | <p>Use tap mineral water or purified water.</p> <p>Clean the humidifier. <a href="#">See Care &amp; Maintenance</a>.</p>                                                                                                                                          |
| White scale appears<br>around the<br>humidifier.                     | <p>Use tap mineral water or purified water.</p> <p>Clean the humidifier. <a href="#">See Care &amp; Maintenance</a>.</p> <p>Clean the humidifier. <a href="#">See Care &amp; Maintenance</a>.</p>                                                                 |
| Water boils from the<br>humidifier.                                  | <p>Stop running the humidifier as it is not safe.</p> <p>Wipe dry excess water off the top.</p> <p>Do not shake the humidifier.</p>                                                                                                                               |

|                                   |                                                                                                                                                                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water levels in the burnoffles    | Avoid running the burnoffles in a tank.<br>Wipe any excess water off the top of the burnoffles.<br>Do not shake the burnoffles.<br>Rotate tank to allow the burnoffles to drain.<br>Rotate tank to allow the burnoffles to drain.<br>Check the water tank for leaks. |
| Hot gases inside the burnoffles   | Clean the water tank and base of the burnoffles.                                                                                                                                                                                                                     |
| Essential oil from the burnoffles | Add more essential oil for best results.                                                                                                                                                                                                                             |

1. Press **Chamber**. Empty the lower chamber. **Fill** the upper tank with water to a proper level, until the basin.  
 2. The basin is not **closed**. The humidifier should not be set on the **air filter**.  
 3. **Monitor**, page 13. Make sure the **monitor** is not **closed** or **logged**.  
 4. **Place**.  
 5. An **air filter**, rise through, with **high water** to remove.  
 6. Turn the **monitor** to the highest setting and in the desired setting.

Turn the rinselvl to the highest setting and it is the desired setting.

3. Use the **Waiting Started** page to:

- **1** tank that the basin drained and **2** use the water tank.

4. Top-up using the water filter and contact **Customer Support** line.

5. 2 water to **3** the hermetic. Avoid using water with high

**WARNING** page 75

6. 2 water to **3** the hermetic. Avoid using water with high

**WARNING** page 75

7. 100 over 100% relative humidity

8. Bottom of the basin.

It is over 95% relative humidity  
bottom of the tubes.  
of the surface  
of the water and it is secure  
is a hole, contact [Customer Support](#) (see page 76)  
or reg. 441 (see [Care & Maintenance](#), page 5)  
are presented at

## Why Isn't My Humifier Connecting to the VeSync App?

- Make sure your phone has **Bluetooth** turned on and is not **connected** to another **Bluetooth** device.
- Using the **status codes**, you must be on a secure **2.4GHz Wi-Fi** network, confirming that the network is working **correctly**.
- Make sure your Humifier and phone are **within 30' / 10 m** of each other.
- Reset the Humifier by pressing and holding **ON/OFF** for 5 seconds. Then try connecting again.

### MY HUMIDIFIER IS OFFLINE

- Make sure the humidifier is plugged in. The humidifier may appear to be offline if it is unplugged, or if the AC circuit does not have power.
- Restart the Vellicore app by swiping down on the screen.
- Make sure your router is connected to the internet and your phone has internet connection & working.
- Restart the humidifier using one of these options:
  - Unplug the humidifier from the Vellicore app. (Swipe left on the app and press the X icon), then tap the On button to restart your humidifier with the Vellicore app.
  - Press and hold (power) for 5 seconds. Then, secondly use your humidifier with the Vellicore app.

**Note:** Power outages, internet outages, or changing Wi-Fi routers may cause your humidifier to go offline.

**THE VESYNC APP IS DISPLAYING AN INCORRECT HUMIDITY PERCENTAGE WHILE THE HUMIDIFIER IS TURNED ON.**

- The room may be larger than the humidifier's effective range. Please to a room smaller than 308 ft<sup>3</sup> / 8.7 m<sup>3</sup>.
- Please may have to turn up the running sensor. Turn off the humidifier control. Use the sensor to dry. Hold up the room to bring away from the sensor so that it will stay not so close to the sensor (see [Getting to Know Your Smart Humidifier](#), page 6).
- The humidifier is placed within 10-30 cm of a wall or corner. The humidity sensor cannot provide a proper reading for the humidifier in the room.

As the device cannot be used with 3G or 4G LTE, operation is subject to the following two conditions:

- The device may not cause harmful interference, and
- It must accept any interference that may cause undesired operation.

NOTE: The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference to residential environments. The equipment generates, uses, and can radiate radio frequency energy and, if not properly installed and used, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to take one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to a power outlet that is not shared with the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

**RFC Radiation Exposure Statement**  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying FCC exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow the operating instructions as documented in this manual. This statement must not be obscured or operating in conjunction with any other antenna or transmitter. This equipment must be used with minimum separation of 20 cm between the body and the body. The availability of some specific channels and/or specified frequency bands are country dependent and are free programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

This device complies with part 15 of the FCC Rules.

This equipment generates and can emit radio frequency energy and is not to be used near or in conjunction with the following instructions, which may cause interference to radio and television reception. It has been type tested and found to comply with the following requirements, which may be subject to change without notice, to provide reasonable protection against such interference in a residential environment. However, there is no guarantee that the use of this equipment will not cause interference to other equipment.

This equipment does not cause interference to radio or television reception, which can be determined by turning the equipment off and on. If the interference persists, take the following steps:

1. Reorient the receiving antenna.
2. Separate the equipment from the receiver.
3. Relocate the equipment with respect to the receiver.
4. Move the equipment farther from the receiver.
5. Plug the equipment into a different outlet so that the equipment and receiver are on different branch circuits.

Conduct of the user, maintenance based on the manual, other maintenance and servicing can cause harmful interference to radio and television reception. If the interference persists, contact the manufacturer for more information or a free of charge, unprogrammed modification to the equipment. It is the responsibility of the user to correct such interference.

Advent Corporation hereby declares that this equipment is in compliance with FCC requirements. The declaration of conformity can be found at <http://www.advent.com/legal/compliance.html>

|                                                                                                 |                                                                                |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Product                                                                                         | Novel <b>5000</b> Smart <b>5</b> Economic<br>City <b>4</b> West <b>4</b> Super |
| Model                                                                                           | 10P400000000                                                                   |
| For your convenience, we strongly recommend that you record your order ID and date of purchase. |                                                                                |
| Order ID                                                                                        |                                                                                |
| Date of Purchase                                                                                |                                                                                |

Register your product at <http://www.LifetimeWarranty.com> to enjoy the benefits of our lifetime warranty, including:

- Immediate, no-charge replacement recommendations, and
- Satisfaction guarantee: calling toll-free 1-800-800-8000 or e-mailing [info@LifetimeWarranty.com](mailto:info@LifetimeWarranty.com).

**20 Year Lifetime Consumer Product Warranty**

Lifetime Consumer Product Warranty is a limited warranty that covers the product for 20 years from the date of original purchase. Lifetime Warranty/Lifetime's provided the product for 20 years from the date of original purchase and was involved in the manufacture, distribution and/or sale of the product. Lifetime's provided the product for 20 years from the date of original purchase and was involved in the manufacture, distribution and/or sale of the product.

**Year Limited Warranty Benefits**

During the Limited Warranty Period, you are subject to the Limited Warranty Policy. Lifetime's provided the product for 20 years from the date of original purchase and was involved in the manufacture, distribution and/or sale of the product. Lifetime's provided the product for 20 years from the date of original purchase and was involved in the manufacture, distribution and/or sale of the product.

**Who is Covered?**

**Be Aware of Unauthorized Dealers or Sellers**

This is a legal warning that we added to protect our customers from purchasing from unauthorized dealers or sellers. Dealers that do not carry a genuine Apple product or service are not authorized to sell Apple products or services. If you are considering purchasing from a dealer or seller, please contact Apple to verify that the dealer or seller is authorized to sell Apple products or services. If you are considering purchasing from a dealer or seller, please contact Apple to verify that the dealer or seller is authorized to sell Apple products or services. If you are considering purchasing from a dealer or seller, please contact Apple to verify that the dealer or seller is authorized to sell Apple products or services.

[illegible]

1. Make sure your product is within the specified limited warranty period.

If you have any questions or concerns about your new product, please contact our Customer Support Team.

**Aerwest Corporation**  
1775 Flight Way, Suite 150  
Tustin, CA 92782  
USA

[illegible]

Mon-Fri, 9:00 am-5:00 pm PST/PDT