

l voit 
NeoClassic 650S Smart
Ultrasonic Cool Mist Humidifier



Questions or Concerns?
Please contact us Mon–Fri,
9:00 am–5:00 pm PST/PDT
at support.levoit.com
or at 1-888-726-8520.

**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 and cord so that it will not be knocked over. Do not place near large pieces of furniture or in high-traffic areas.
- 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 level sensor for self-servicing.
- Always** unplug your humidifier from the power outlet before cleaning your humidifier or detaching 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 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** use other items as replacement parts for this product.
- Do not** cover the nozzle while the humidifier 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 without supervision.
- Children should not clean or perform maintenance on the humidifier.
- 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, supplemental water treatment liquids, or water filters 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), which fits into a polarized outlet **only** 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 in that outlet. **Do not** bypass this safety feature.
- Do not** handle 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 Vesync (US) Corporation or similarly qualified persons in order to avoid an electric or fire hazard. Please contact **Customer Support** (see page 14).
- Unplugging the power cord will disable remote control of the humidifier and temporarily disconnect the humidifier from VeSync and other third-party apps.

Note: To access additional smart humidifier functions, download the VeSync app (see page 8).

Package Contents

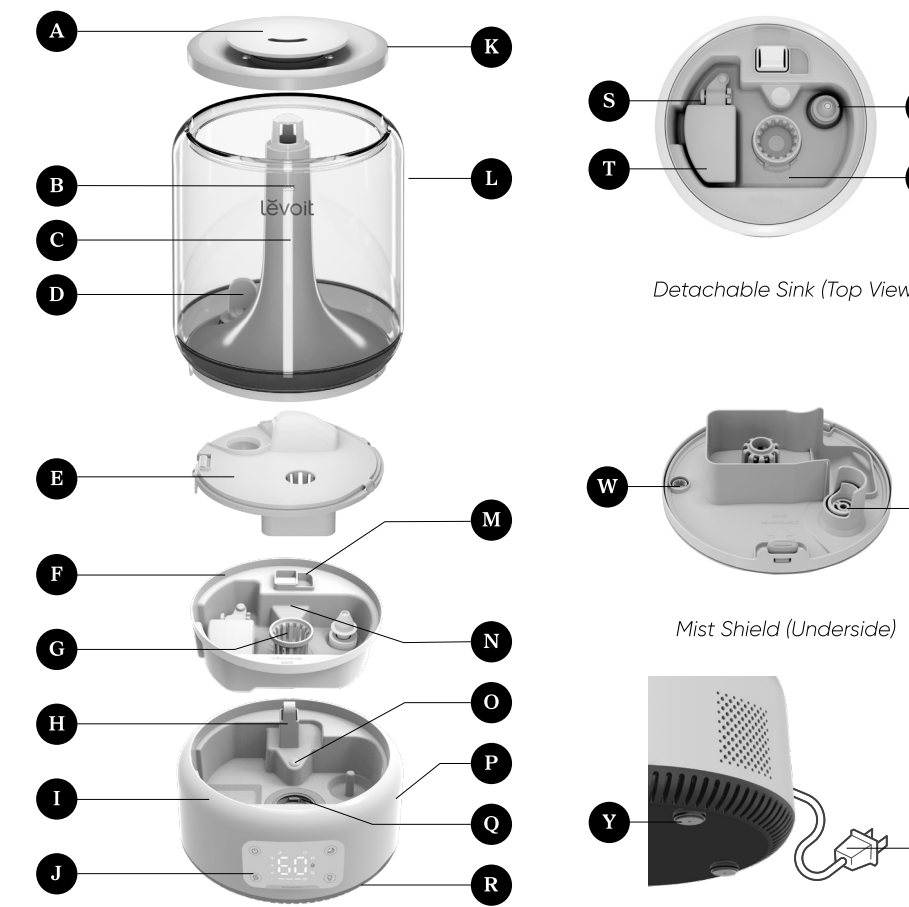
- 1 x Smart Ultrasonic Cool Mist Humidifier
- 1 x User Manual

Specifications

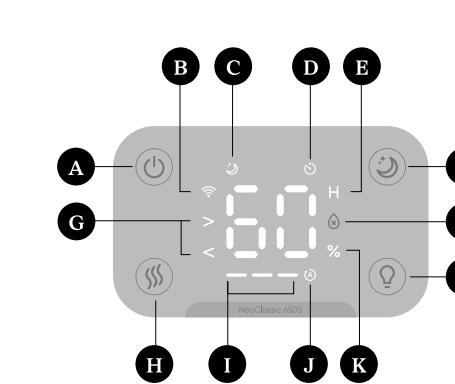
Model	LUH-N651S-WUS
Power Supply	AC 120V, 60Hz
Rated Power	30W
Water Tank Capacity	1.64 gal / 6.2 L
Max Mist Output	320 mL/h
Max Runtime	62 hours on sleep mode setting Note: The humidifier may run for a longer or shorter time depending on the environmental temperature and humidity.
Noise Level*	≤ XXdB * ≤ XXdB on low setting and sleep mode
Dimensions	8.8 x 8.8 x 14.1 in / 22.3 x 22.3 x 35.9 cm
Weight	4.87 lb / 2.21 kg

Getting to Know Your Humidifier

- A. Nozzle
- B. Max Water Line (Tank)
- C. Mist Tube
- D. Water Filter
- E. Mist Shield
- F. Detachable Sink
- G. Noise Silencer
- H. Air Outlet
- I. Base Chamber
- J. Control Panel/Display
- K. Water Tank Cover
- L. Water Tank
- M. Aroma Chamber
- N. Night Light Cover
- O. Night Light
- P. Humidity Sensor (On the Back)
- Q. Transducer
- R. Air Inlet
- S. Float
- T. Secondary Float
- U. Lock & Unlock Marking
- V. Tank Alignment Sensor
- X. Water Outlet Valve
- Y. Feet
- Z. Power Cord



CONTROL PANEL



Controls

- On/Off Button**
 - Tap to turn the humidifier on/off.
 - Press and hold for 5 seconds to pair with the VeSync app. See the in-app instructions for more information.
 - Press and hold for 15 seconds to reset the humidifier. This will restore the humidifier's default settings and disconnect it from Wi-Fi® and the VeSync app (see page 8).
- Mist Level Button**
 - Tap repeatedly to cycle through mist level settings: low, medium, high, and Auto.
- Wi-Fi Indicator**
 - Turns on, off, or blinks to indicate pairing status. See the VeSync in-app instructions for more information.
- Less Than/More Than Indicators**
 - Turns on when the relative humidity is detected at < 20% or > 90%.

Sleep Mode Button

- Tap to turn Sleep Mode on (see page 9). Tap any button to wake up display, then tap any button again to exit Sleep Mode.
- Press and hold for 3 seconds to turn off display lights. Tap any button to turn display lights back on.

Night Light Button

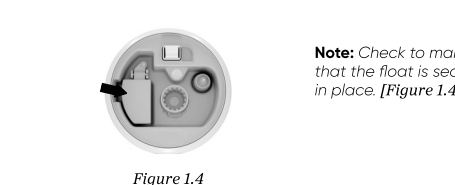
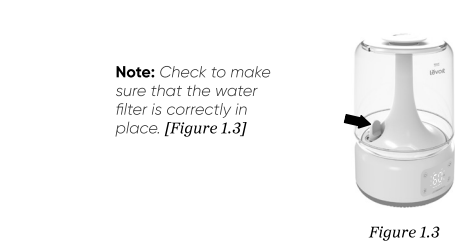
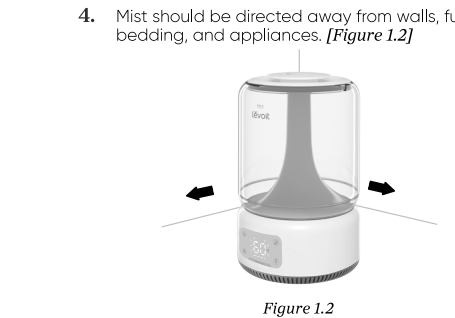
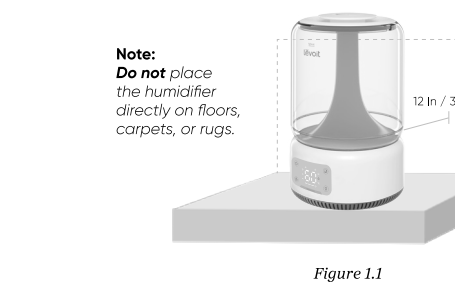
- Tap repeatedly to cycle through night light settings: low, high, and off.
- Can be used without humidification.
- Adjust night light color and brightness in the VeSync app (see page 9).

Fault Indicator

- Flashes for 5 seconds then turn off when there is low or no water in the tank.
- Lights up when the water tank is removed. Remains on until the tank is replaced.
- When the light turns on, please refill the tank and properly place it on the base.

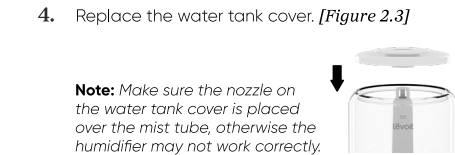
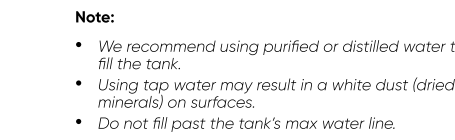
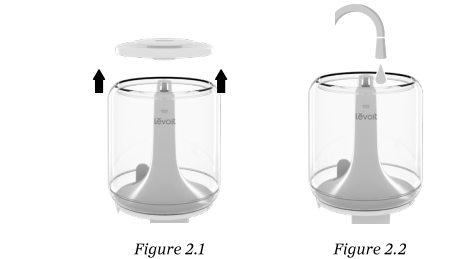
Getting Started

- Remove all packaging.
- Rinse and reassemble all parts before first use (see **Care & Maintenance**, page 7).
- Choose a hard, flat location for the humidifier at least 12 in / 30 cm away from any walls. The surface must be water-resistant. **[Figure 1.1]**

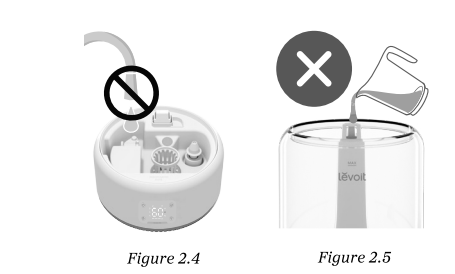


Filling & Refilling

- Turn off the humidifier.
- Remove the water tank cover. **[Figure 2.1]**
- Fill the tank with room-temperature water. **[Figure 2.2]**

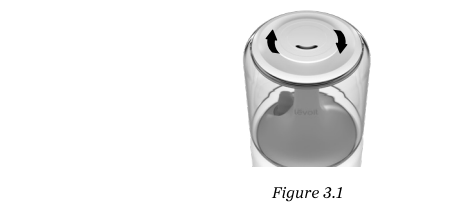


- Replace the water tank cover. **[Figure 2.3]**



Using Your Humidifier

- Plug in the humidifier.
- Tap to turn your humidifier on.
- Tap repeatedly to cycle through mist settings: low, medium, high and Auto.
- Rotate the nozzle to adjust the direction of the mist. **[Figure 3.1]**



- Optionally, use the controls or the VeSync app to turn on night light, Sleep Mode, and more (see **VeSync App Features**, page 9).

IMPORTANT TIPS

Your humidifier must have the correct level of water in the base chamber to work properly. If there is too much water in the base chamber, the humidifier cannot create mist.

- Do not** place the humidifier on an inclined surface.
- Only** add water to the water tank.
- Avoid moving or shaking the humidifier. This may cause the water tank to release too much water into the base chamber.
- Before moving the humidifier, turn it off, unplug it, and remove the water tank. Empty any excess water from the base chamber.
- If your humidifier doesn't produce mist properly, check the water line in the base chamber to see if it's above the max water line. If there's too much water in the base chamber, pour out any extra water.

Note: The base chamber's max water line is only for reference. **Do not** pour water directly into the base chamber.

Care & Maintenance

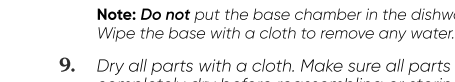
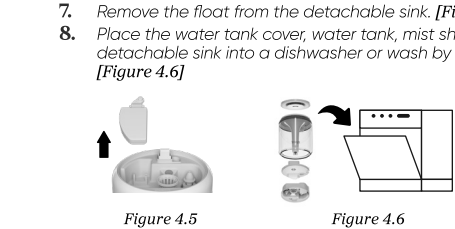
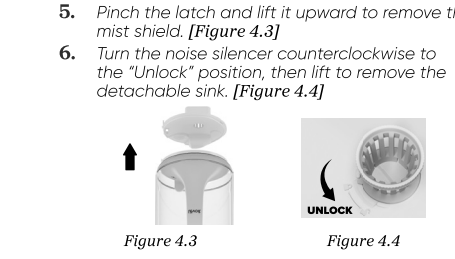
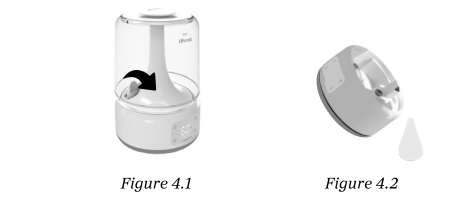
- Note:**
 - All maintenance should be done on a water-resistant surface, such as a kitchen counter.
 - Change the water daily to avoid bacteria growth.
 - Use a tissue or cloth to clean the nozzle regularly.
 - If not using the humidifier for 1 week or longer, do not leave water inside. Clean and dry the humidifier instead.

CLEANING

You should clean your humidifier water tank and base chamber every 3 days, and when you're ready to store it.

Note: Never immerse the base chamber in water or liquid.

- Unplug the humidifier.
- Remove the water tank and pour out any remaining water.
- Bend the water filter to the side to remove it from the water tank. **[Figure 4.1]**
- Pour out any remaining water in the base chamber. **[Figure 4.2]**



Note: **Do not** put the base chamber in the dishwasher. Wipe the base with a cloth to remove any water.

- Dry all parts with a cloth. Make sure all parts are completely dry before reassembling or storing.

DESCALING YOUR HUMIDIFIER

To descale the humidifier (remove mineral buildup):

1. Remove the water filter from the water tank.
2. Fill the water tank with 2 US cups (475 mL) of distilled white vinegar. **[Figure 5.1]**
3. Replace the tank cover and swish the vinegar around the tank.
4. Place the water filter, mist shield, detachable sink, and float into a container. Fill the container with enough vinegar to cover all parts.
5. Let the water tank and additional parts sit in the vinegar for 15–20 minutes.
6. Pour out the vinegar and rinse the tank and parts until vinegar smell is completely gone. **[Figure 5.2]**
7. Dry all parts with a cloth. Make sure all parts are completely dry before reassembling or storing.



Figure 5.1



Figure 5.2

REASSEMBLING

1. Place the float back into the base chamber. **[Figure 5.3]**
 - Make sure the correct side of the float is facing up.
 - Insert the smaller prong into the closed side of the float brackets.
 - Place the larger prong into the open (U-shaped) side of the float brackets.
2. Install the detachable sink and turn the noise silencer clockwise to the “Lock” position to secure into place. **[Figure 5.4]**
3. Push the mist shield into the water tank until you hear it click into place.
4. Reinstall the water filter into the tank.
5. Place the water tank onto the base, then place the tank cover on to the tank.



Figure 5.3



Figure 5.4

Note: If the detachable sink isn't locked into place, water may leak into the base.

STORING

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

VeSync App Setup

Note:

- Due to ongoing updates and improvements, the VeSync app may be slightly different than shown in the manual. In case of any differences, follow the in-app instructions.
- Requires device to run app, Wi-Fi or mobile data, and iOS® version 15 or Android™ version 8 (or above). Standard data and messaging rates may apply. Registration is required.

1. To download the VeSync app, scan the QR code or search “VeSync” in the Apple App Store® or Google Play Store. **[Figure 6.1]**
2. Open the VeSync app. If you already have an account, tap **Log In**. To create a new account, tap **Sign Up**.

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

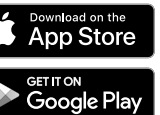


Figure 6.1



Figure 6.1

3. Follow the in-app instructions to set up your smart humidifier.
- Note:**
- You can use the VeSync app to connect your smart humidifier to Amazon Alexa or Google Assistant™. Follow the in-app instructions to connect VeSync to your voice assistant.
 - Your phone must have Location turned on while your phone is connecting to your smart humidifier. This is required to establish the Bluetooth® connection. You can turn Location off after your smart humidifier is finished connecting to the VeSync app.

- Wi-Fi Connection:**
- To disconnect the smart humidifier from Wi-Fi, press and hold  for 15 seconds until the Wi-Fi indicator turns off. This will restore the device's default settings and disconnect it from the VeSync app.
 - To reconnect, please follow the instructions in the VeSync app for adding a device.

Note: Do not add essential oils, water treatment liquids, or third-party water filters into the water tank or base chamber. Only add essential oils to the aroma chamber.



Figure 7.1

AUTO MODE

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

Note: You can use the VeSync app to change the target humidity level to fit your needs.

1. Repeatedly tap  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 level in the room. It will start and stop misting again according to the following table:

Room Relative Humidity*	Automatic Mist Level
Δ > 10%	High
5% ≤ Δ ≤ 10%	Medium
Δ < 5%	Low
Reach Target	Automatic Stop

*If you change the default target humidity from 60% in the VeSync app, the humidity percentages will change accordingly.

SLEEP MODE

Sleep Mode changes the humidifier's mist setting to low and turns off the control panel lights, making it ideal for sleep.

- Tap  to turn Sleep Mode on.
- When Sleep Mode is on, you can tap any button to wake up the control panel.
- Once you wake up the control panel, tap any button to exit Sleep Mode and resume manual controls.

USING THE AROMA CHAMBER

Your humidifier can be used for aromatherapy.

1. Remove the water tank and mist shield. Add 3–5 drops of essential oil to the aroma chamber. **[Figure 7.1]**
2. Replace the water tank and mist shield, then turn the humidifier on. The humidifier will automatically diffuse aroma while humidifying.

Note: Do not add essential oils, water treatment liquids, or third-party water filters into the water tank or base chamber. Only add essential oils to the aroma chamber.

VeSync App Functions

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

REMOTE CONTROL FROM YOUR PHONE

- Turn the humidifier on/off.
- Cycle through mist levels.
- 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 levels in the humidifier's environment.

NEW AUTO MODE

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

SET TIMERS & SCHEDULES

- Program individual timers or create a schedule for your smart humidifier.

THIRD-PARTY VOICE CONTROL

- Compatible with Amazon Alexa and Google Assistant™ for voice commands.

Note: The VeSync app is continually updated, and app features will expand.

SLEEPWAKE

This function combines Sleep Aid and Wake Up function.

- Sleep Aid function can create a cozy bedroom environment and help you fall asleep faster.
- Wake up function can gently rouse your body from sleep and wake up feeling refreshed and energized.

SCENE MODE

- Sync mist, light, and music for tailored vibes — ideal for meditation, yoga, nap, and focus sessions. You can also DIY your own scene mode.

SMART CLEANING REMINDER

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

Troubleshooting

Problem	Possible Solution
The humidity level isn't changing in my room.	Use a higher mist level setting. Depending on your environment, the humidifier may take longer to humidify your air.
Display shows Error Code "E1" or "E5"	The humidifier is malfunctioning. Contact Customer Support (see page 14).
Little or no mist comes out.	Turn the mist level to a higher setting. Turn the mist level to a higher setting. There may be too much water in the base chamber. Empty the base chamber. Refill the water tank (not the base chamber) and place the water tank properly onto the base. Make sure the air inlet on the bottom of the base is not blocked. The humidifier should not be set on carpet or other surfaces that may block the air inlets. Clean the humidifier (see Care & Maintenance , page 7). Make sure the nozzle is not blocked or clogged. Make sure the nozzle is not blocked or clogged. Make sure the humidifier is on a level surface. If the water tank or base was washed with detergent, rinse thoroughly with clean water to remove any detergent. Clean the water filter (see page 7). The water temperature may be too low. Turn the mist level to the highest setting and let the humidifier run for a while, then adjust to the desired setting. Plug the humidifier into a working outlet and turn it on. Add purified or distilled water to the water tank.
Humidifier doesn't turn on or turns off unexpectedly.	If the humidifier is new, unplug and rinse all parts, then place in a cool, dry place for 12 hours. Clean the water tank and base chamber (see Care & Maintenance , page 7).
Humidifier produces an unusual smell.	Make sure the water tank is properly in place (see Getting Started , page 6). Set mist level to a lower setting. Empty the base chamber. Refill the water tank (not the base chamber) and place the water tank properly onto the base. The humidifier may be malfunctioning. Stop using the humidifier and contact Customer Support (see page 14).
White scale (mineral buildup) appears around the humidifier.	We recommend using purified or distilled water to fill the humidifier. Avoid using water with high mineral content. Clean the humidifier (see Care & Maintenance , page 7).
White dust appears around the humidifier.	We recommend using purified or distilled water to fill the humidifier. Avoid using water with high mineral content, such as tap water. Clean the humidifier (see Care & Maintenance , page 7).
Water leaks from the humidifier.	Avoid running the humidifier in a room with over 60% relative humidity. Wipe any excess water off the top and bottom of the base. Do not shake the humidifier. Make sure to place the humidifier on a flat, level surface. Make sure the silicone sealing ring around the water outlet valve is secure. Check the water tank for leaks. If there are leaks, contact Customer Support (see page 14).
Mold grows inside the humidifier.	Clean the water tank and base chamber regularly (see Care & Maintenance , page 7).
Essential oil has little or no smell.	Add more essential oil. For best results, use pure essential oil.