

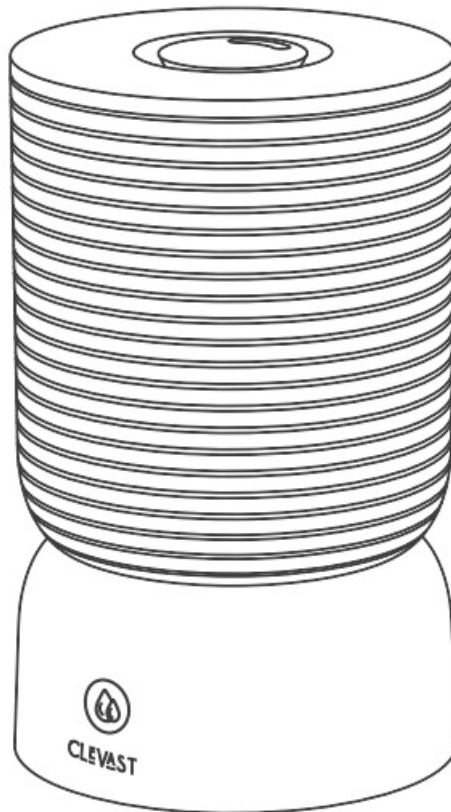


## CLEVAST CL-HD01 Smart Humidifier User Manual

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# CLEVAST

Instruction Manual  
Smart Humidifier  
Model No.: CL-HD01



Read this manual thoroughly before using and save it for future reference

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## IMPORTANT SAFEGUARDS

### GENERAL SAFETY

- Only use the humidifier as described in this manual.
- When not in use for an extended period, turn the humidifier off and disconnect the plug from the outlet.
- Do not use the humidifier in wet environments.
- Keep the humidifier out of reach from children.
- Do not attempt to disassemble the humidifier or its components.
- Always unplug the humidifier from power before cleaning it or detaching the water tank from the humidifier base.
- Always place the humidifier on a flat, horizontal surface before using.
- Only fill the water tank with clean water. Never, never water tank with any other liquids.
- Do not place the humidifier near heat sources such as stovetops, ovens, or radiators.
- Do not place the humidifier directly on carpets or rugs.
- Do not use non-Clevast humidifier parts as replacement parts for this product.
- Do not cover the nozzle while the humidifier is on, as this may damage the humidifier.
- Do not immerse the humidifier base, power cord, or power plug in water.
- If the humidifier is damaged or is not functioning properly, stop using it and contact Customer Support immediately.
- The excess of moisture may wet the surface where the humidifier is placed.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Be aware that high humidity levels may encourage the growth of biological organisms in the environment.
- Do not permit the area around the humidifier to become damp or wet. If dampness occurs, turn the output of the humidifier down. If the humidifier output volume cannot be turned down, use the humidifier intermittently. Do not allow absorbent materials, such as carpeting, curtains, drapes, or tablecloths, to become damp. Never leave water in the reservoir when the appliance is not in use.
- Empty and clean the humidifier before storage. Clean the humidifier before next use.
- Not for commercial use. Household use only.
- Empty the tank and refill every third day. Before refilling, clean it with fresh tap water or cleaning agents. Remove any scale, deposits, or film that has formed on the sides of the tank or on interior surfaces, and wipe

all surfaces dry.

- To reduce the risk of fire, electric shock, or other injury, always follow all instructions and safety guidelines.
- APP currently does not support 5G network, please use 2.4G network for operation.

## POWER CORD & PLUG

- Ensure that the plug fits properly into a polarized outlet.
- Do not handle the power cord or plug with wet hands. Keep the power cord and plug away from liquids.
- The humidifier has a polarized plug (one prong is wider than the other), which fits into a polarized outlet in only one orientation. This is a safety feature to reduce the risk of electric shock. If the plug does not fit, reverse the plug to the correct orientation. If it still does not fit, do not bypass this safety feature and try forcing the plug into the outlet; instead, do not use it with the outlet.
- Unplug the appliance during filling and cleaning.

## LEAKS

Do not add essential oils, supplemental water treatment liquids, or water filters into the water tank or base chamber, as this may damage the humidifier and cause leaks.

Only add essential oils to the aroma pad.

### WARNING:

Micro-organisms that may be present in the water or in the environment where the appliance is used or stored, can grow in the water reservoir and be blown in the air causing very serious health risks when the water is not renewed and the tank is not cleaned

properly every 3 days. Clean the water tank every three days.



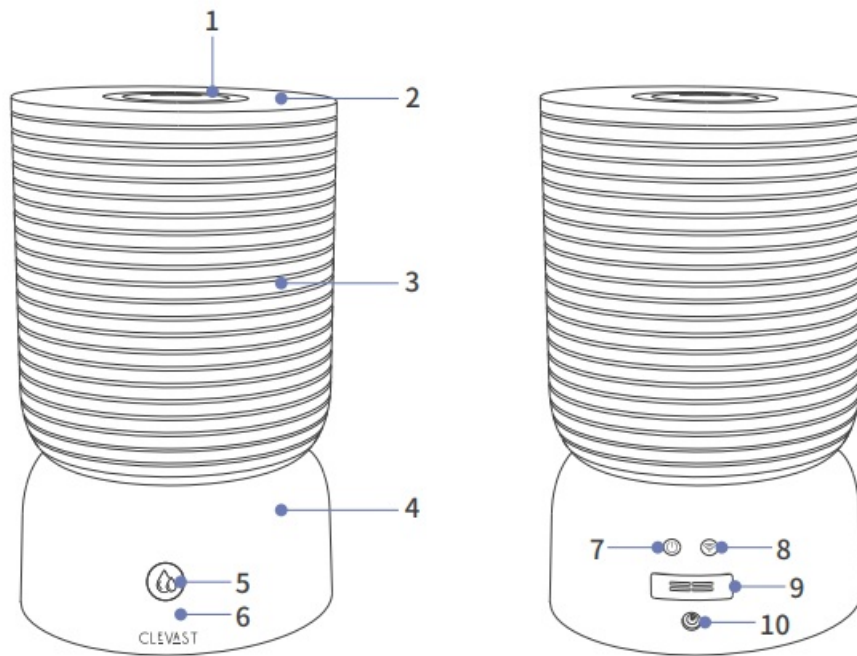
Clean the water tank every 3 days

## GETTING TO KNOW YOUR SMART HUMIDIFIER

### 1. PRODUCT FEATURES

From the user's standpoint, this humidifier utilizes a method that enables water to be added to the upper cover, providing convenience during the process of replenishing water. The upper cover can be effortlessly detached, facilitating hassle-free refilling. Furthermore, it incorporates smart control features with a built-in Wi-Fi, allowing for seamless integration with the Cleats app. Through the app, users can remotely control the device, set automatic on/off functions based on desired humidity levels, and monitor changes in air humidity data. Importantly, it is equipped with an independent aromatherapy essential oil box, effectively preventing water tank contamination issues.




### 2. PRODUCT DIAGRAM



1. Fog Outlet	6. Wi-Fi Indicator Light
2. Water Tank Cover	7. Power Switch
3. Water Tank	8. Wi-Fi Switch
4. Base	9. Aroma Box
5. Gear Button	10. Power Cord and Plug

### 3. TOUCH CONTROL PANEL



	<b>Power Switch</b>	Press once: Power on Press again: Shut down, the light goes off and the humidifier stops working
	<b>Wi-Fi Switch</b>	Wi-Fi connection: Press and hold for 3s to enter into pairing mode. The Wi-Fi indicator light will start flashing blue. Open the Cleats app from your smartphone and follow the instructions to connect it to the wireless network. Once connected, the light will stay solid blue. Offline/unbinding status: Wi-Fi indicator light is flashing blue slowly. Network pairing status: Wi-Fi indicator light is flashing blue quickly.
	<b>Gear Button</b>	Press 1 time: Small gear, gear indicator light orange-pink, 15 seconds after no operation, light go out. Press the second time: Large gear, gear indicator light grass green, 15 seconds after no operation, light go out. Lack of water: The gear button flashes red light and humidifying will be resumed by adding water within 40 seconds. If it's not refilled with water in 40 seconds, the unit will beep three times then shuts down.

#### 4. OTHER FUNCTIONS

##### **WATER SHORTAGE FUNCTION:**

- Unit will stop humidifying when it is running out of water and fan will stop working after 5 seconds. The gear indicator light will start to flash red and operation will resume when adding water within 40 seconds. If it's not refilled with water in 40 seconds, the unit will beep three times then shuts down.

##### **ANTI-DRY BURN FUNCTION:**

- If the "water level float" is stuck or the "water level plate" is not functioning and there is no water in the tank, the unit will enter into anti-dry mode automatically and the unit will beep three times before shutting down.

##### **VOICE CONTROL:**

Users can control the unit through voice command via Google Assistant and Amazon Alexa.

#### 5. PACKAGE INCLUSION

- 1 x Smart Humidifier 1
- 1 x Warranty Card 1
- 1 x Power Cord 1d
- 1 x Share Card
- 1 x User Manual

#### 6. SPECIFICATIONS

Model No.:	CL-HD01
Rated Power	H: 32W±10% L: 21W±10%
Humidification	H: 200ml / h±20% L: 100ml / h±20%
Product Size	φ7.26*11.81in / φ18.45*30cm
Weight	2.87lb / 1.3kg

## BEFORE FIRST USE

1. Remove all packaging.
2. Take the water tank off of the base and remove all tape, including any tape on the float.
3. Rinse and reassemble all parts before first use.
4. Place the humidifier on a hard, flat surface and should have at least 12 inches/30cm clearance on all sides. The surface must be water-resistant.
5. Mist should be directed away from walls, furniture, bedding, and appliances.

## OPERATING INSTRUCTIONS

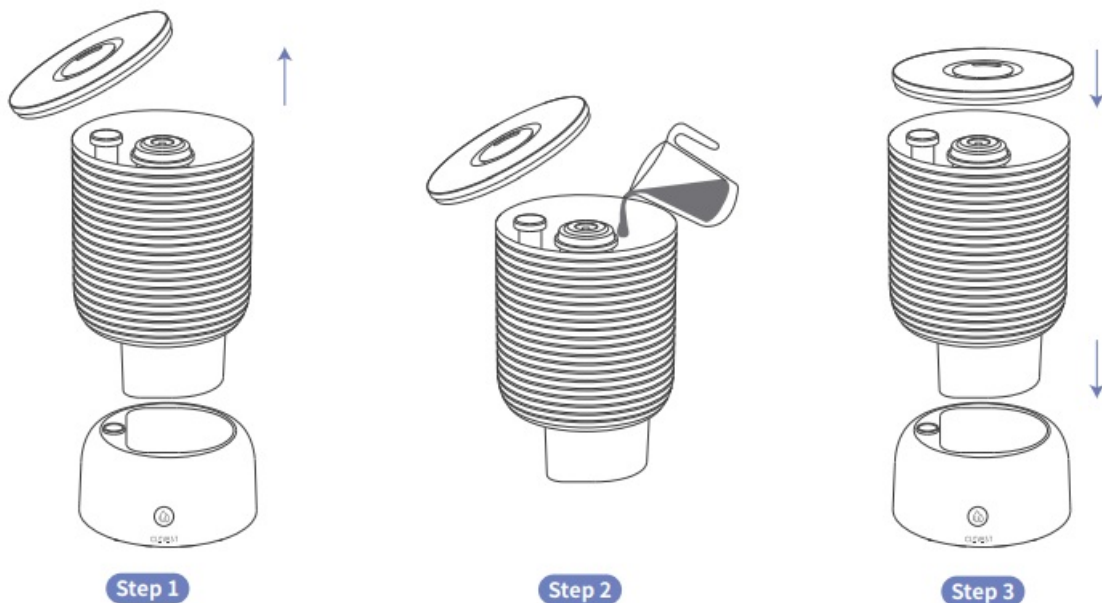
### 1. OPERATION

#### FILL WITH WATER

1. Make sure unit is unplugged. Add water to the humidifier by either a or b. a. Removing the top cap and adding water directly to the tank.

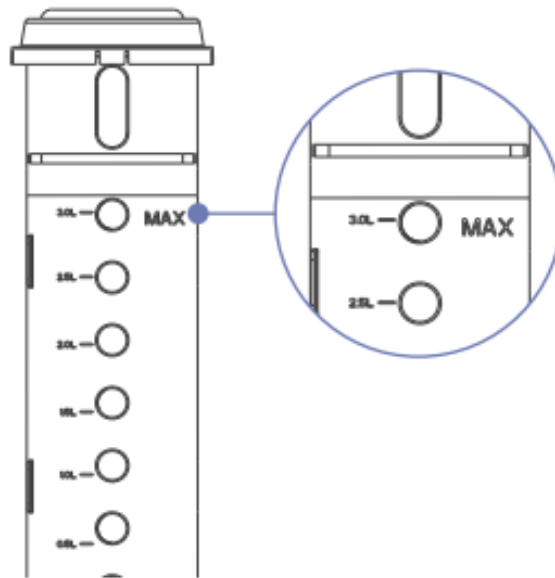


- b. Removing the top cap and taking the water tank off of the unit base and then filling the water tank with water before returning it to the base.



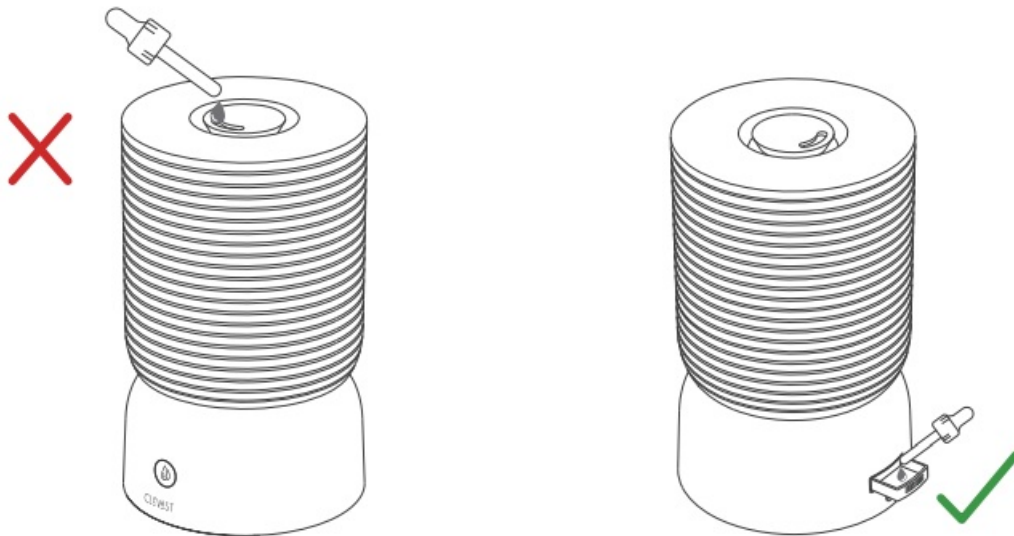
## NOTE:

- We recommend using purified or distilled water to fill the tank.
- Do not fill past the tank's max water line.

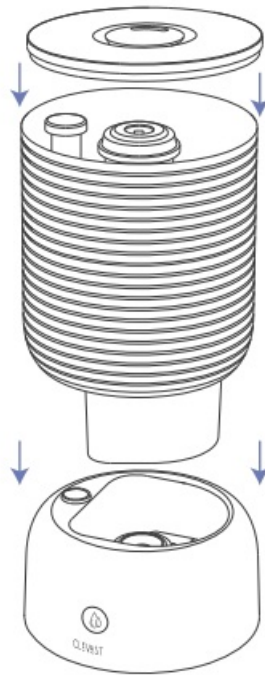


2. Add aromatherapy to the humidifier.

Do not add essential oils directly into the humidifier. Only add essential oils to the aroma box.



3. Reattach the water tank cover and place the tank back on the base.



### USING YOUR SMART HUMIDIFIER

Note: Besides the on-device buttons, Cleavast App can also be used to control the below functions.

#### Functions & Controls:

1. Plug the humidifier into power. Press the power switch once to start the humidifier.
2. Press the gear button to confirm the working status.  
Press 1 time: small gear, gear indicator light orange-pink, 15 seconds after no operation, light go out.  
Press the second time: large gear, gear indicator light grass green, 15 seconds after no operation, light go out.
3. Turn on Wi-Fi switch and use the Wi-Fi function to control the humidifier.

### CLEAVAST APP SETUP

Due to ongoing updates and improvements, Cleavast Home App may be slightly different than shown in the manual. In case of any differences, follow the in-app instructions.

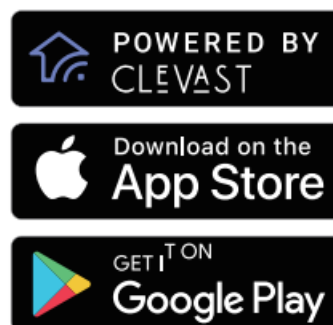
#### DOWNLOADING THE FREE MOBILE APP

To download the Cleavast App, please scan the QR code or search for “Cleavast” in Apple App Store® (iOS) or Google Play Store(Android).



**Cleavast App**

<https://cloud.cleavast.com/h5/download/index.html>



#### NOTE:

- Choose “Allow” for the permissions requested when opening Cleavast App for the first time. These permissions allow the App’s features to function normally and are not used to record personal, private information.



- You can use the Clevast App to connect your smart humidifier to Amazon Alexa or Google Assistant. Follow the in-App instructions to connect to your voice assistant.
- Clevast App is being continually updated and App features will be expanded.

## CREATE / LOGIN YOUR OWN CLEVAST ACCOUNT

Open the Cleats app. If you already have an account tap Log In. To create a new account, tap Sign Up.

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


1. Turn on your smartphone's Wi-Fi.
2. Open the Cleats App, please create a new account first, tap Sign up.

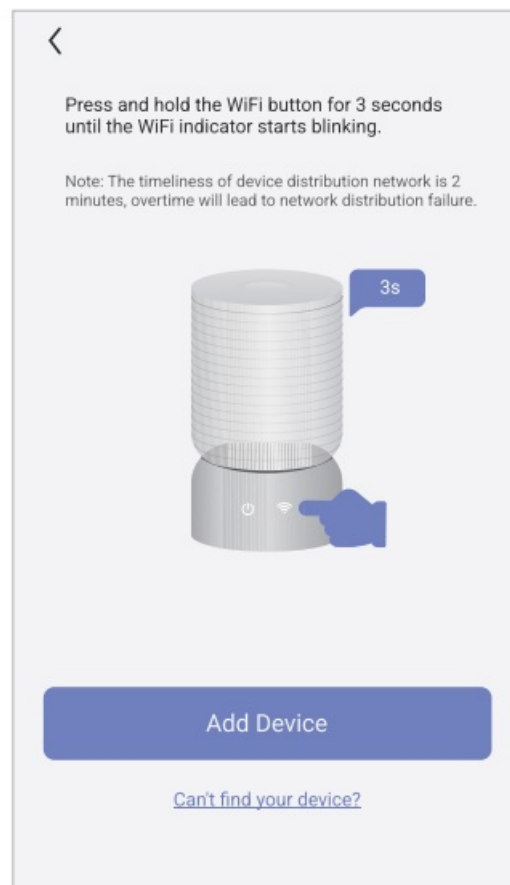
**Note:** You must create your own Cleats account to use third-party services and products.



These will not work with a guest account. With a Cleats account, you can also allow your family and friends to control your Smart Humidifier.

3. Touch the device icon and follow the in-app instructions to complete the pairing process.

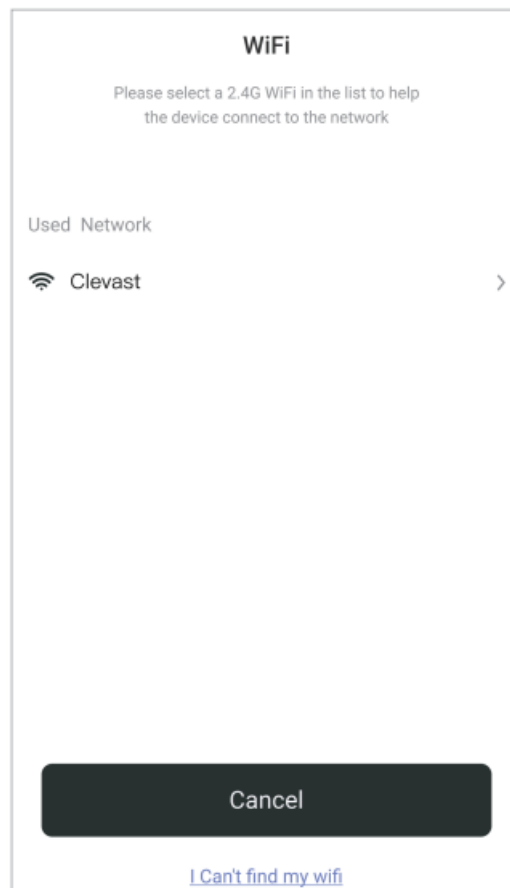
## PAIRING WITH CLEVAST APP

1. Turn on Wi-Fi (  ) on your phone.
2. Distribution mode: After pressing the power button, press and hold the Wi-Fi button for 3s until the Wi-Fi indicator flashes blue quickly, indicating that it has entered the distribution network state. Click Add Device "E03-HD01-WTUS".

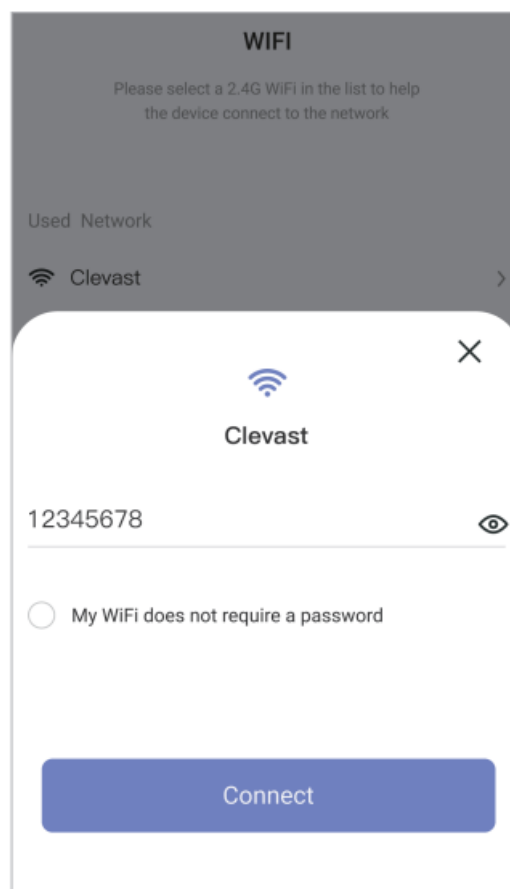


3. Select Wi-Fi (  ) , enter your Wi-Fi (  ) password, and check the box "my Wi-Fi does require a password" then click connect. It will initiate the networking and Wi-Fi connection will be established.

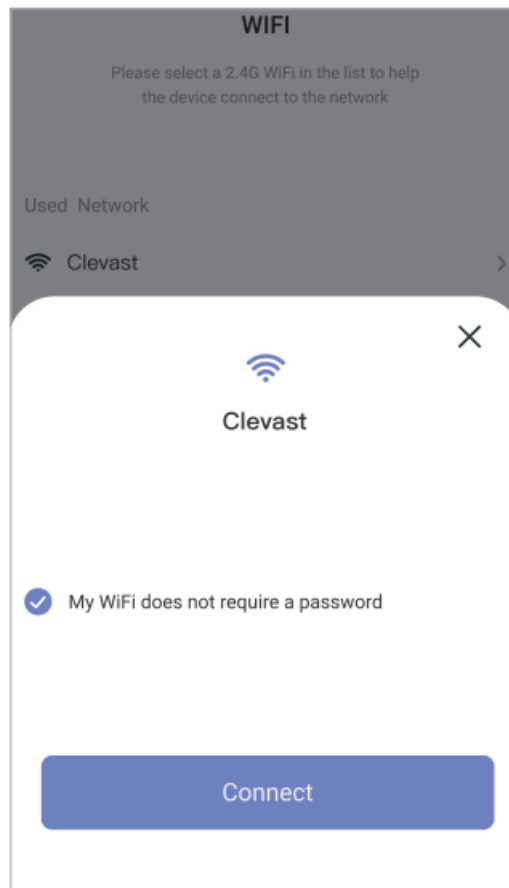
### 3.1 Choose Wi-Fi ( )



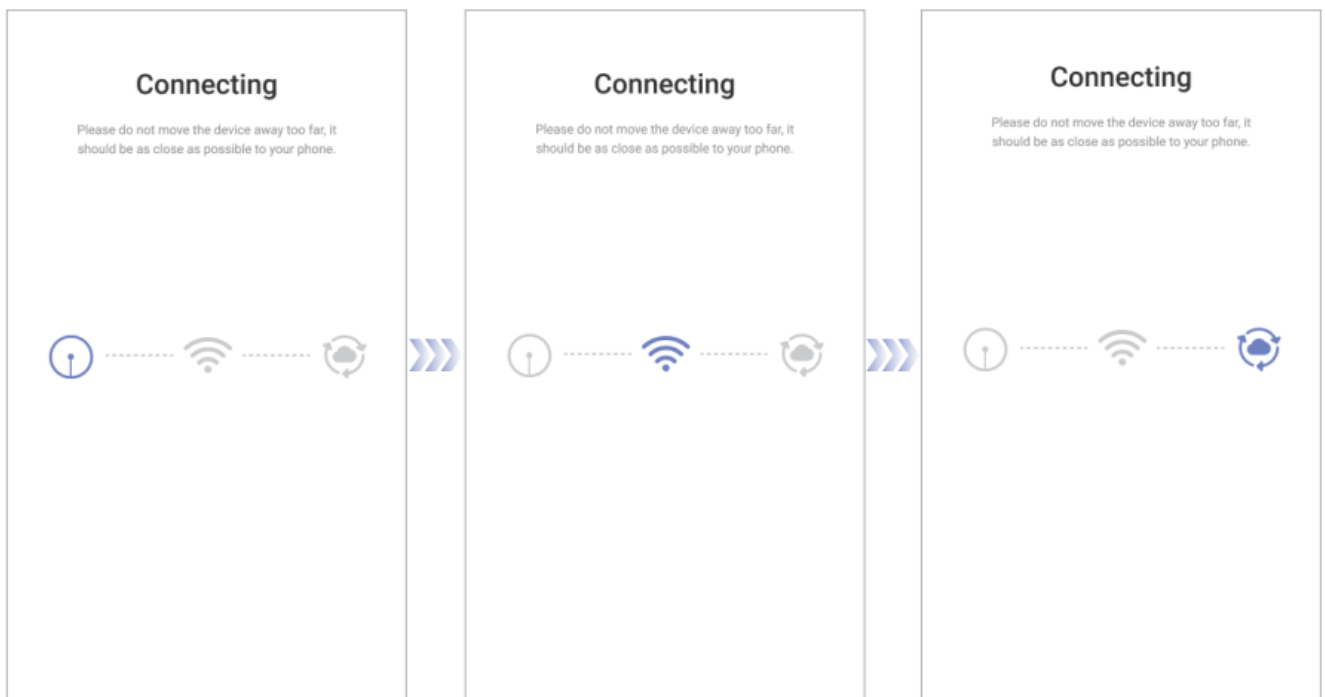
### 3.2 Enter password



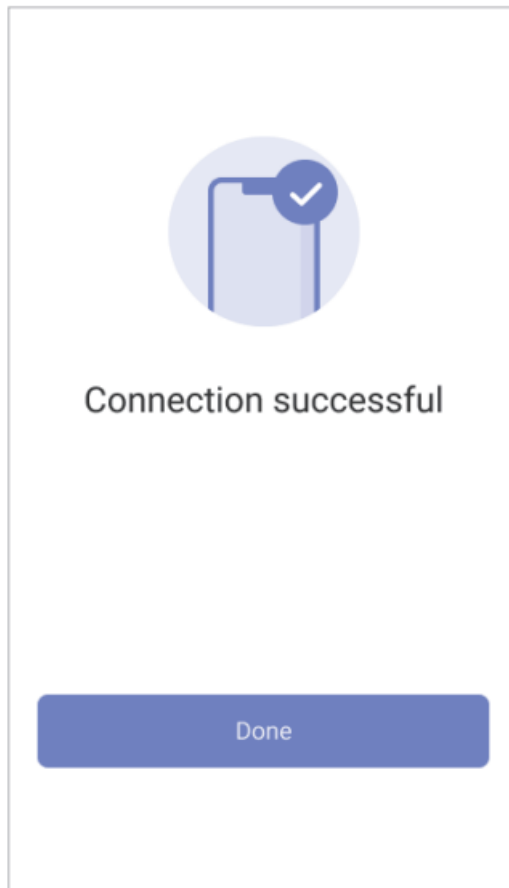
### 3.3 Click connect



### 3.4 Start networking.



### 3.5 Wi-Fi ( ) successfully connected.



### 3.6 Device Name.

### Device Name

Give your device a unique name you will remember.

Device name

Save

Setting Later



## CARE & MAINTENANCE

### CLEANING THE HUMIDIFIER

The humidifier should be cleaned after a week of use or before being stored away.

#### CLEANING STEPS

1. Unplug the humidifier.
2. Remove and rinse the water tank cover.
3. Remove the water tank from the base and pour out any water from the tank and base chamber.
4. Rinse the tank and base chamber with room temperature water.

### DESCALING THE HUMIDIFIER

1. Fill the tank with 3 cups/ 710 ml of distilled white vinegar.
2. Put the tank cover on and swish the vinegar around the tank.
3. Place the tank on the base and soak for 15–20 minutes. Vinegar will drain into the base chamber and loosen scale (mineral buildup) in the tank and in the base chamber (including the transducer and float).
4. Remove the tank, remove the tank cover, and pour out all vinegar.
5. Use a soft cloth and the included cleaning brush to remove scale from all parts.
6. Rinse all parts until the vinegar smell is completely gone.
7. Dry all parts with a cloth. Make sure all parts are completely dry before reassembling or storing.

## **CLEANING THE AROMA PAD**

1. Pull out the aroma box from the back of the base.
2. Remove the aroma box and rinse under warm running water.
3. Dry with a clean cloth and place it back into the aroma box.

**Note:** Do not pour liquid cleaners or detergents into the aroma pad or box.

## **STORING**

Follow the cleaning instructions and allow all parts to dry completely before storing. Store the humidifier in a cool, dry place.

## **TROUBLESHOOTING**

The troubleshooting section below is for solving frequently asked questions for the humidifier. If your problem persists, please contact customer support.

### **FOR SMART HUMIDIFIER**

Problem	Possible Solution
Humidifier doesn't turn on.	Make sure the power cable is securely connected and press the Power Button again.
	Add at least 1L of purified or distilled water into the water tank.
Few or no mist comes out.	Turn the mist level to a higher setting.
	There may be too much water in the base chamber. Empty the base chamber and 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 inlet.
	Make sure the nozzle is not blocked or clogged.
	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.
	The water temperature may be too low. Use room temperature water.
	If the water tank or base was washed with detergent, rinse thoroughly with clean water to remove any detergent.
The water usage of the humidifier is too fast.	The humidifier uses up water based on the environmental temperature and humidity. If your environment is cold and/or dry, the humidifier will run out of water faster.
Humidifier produces an unusual smell.	If the humidifier is new, unplug and rinse all parts, then place in a cool dry place for 12 hours.
	If essential oils were placed on the aroma pad, rinse the pad using clean water and allow it to dry.
	Empty the water tank and base chamber.

Problem	Possible Solution
Humidifier makes a loud or unusual noise.	Set the mist level to a lower setting.
	The humidifier may be malfunctioning. Stop using the humidifier and contact Cleats Customer Support.
White dust appears around the humidifier.	We recommend using purified or distilled water to fill the humidifier. Avoid using water with high mineral content.
Water leaks from the humidifier.	Make sure the silicone sealing ring around the water outlet valve is secure.
	Avoid running the humidifier in a room with over 60% relative humidity.
	Do not shake the humidifier.
	Make sure to place the humidifier on a flat, level surface.
	Check the water tank for leaks. If there are leaks, contact Cleats Customer Support.
	Make sure the float in the tank is in place and is correctly installed.
Condensation forms around humidifier or windows.	Humidity may be too high. Turn down the mist level, turn off the humidifier, or open a door or window to the room.
Mold grows inside the humidifier.	Clean the water tank and base chamber regularly.
Indicator light blinks red or bright red.	Fill the water tank.
	Place the water tank properly on the base.
Essential oil has little or no smell.	Add more essential oil. For best results, use pure essential oil.
Only a little humidification effect.	The room may be larger than the humidifier's effective range. Use in a room smaller than 250 ft <sup>2</sup> .

## FOR APP & CONNECTIVITY

### 1. Cannot connect to the Clevast App.

- Make sure your smartphone is enabled and your smartphone is not connected with other devices.
- Enable the smartphone's Location Services.
- Try connecting with another smartphone.
- Make sure your app is the latest version.
- Make sure your smartphone is connected to the 2.4GHz network, and confirm the network is working correctly.
- Make sure the Wi-Fi password you entered is correct.
- Shorten the distance between the humidifier, Wi-Fi router, and the smartphone.



- Make sure your humidifier and the Wi-Fi router are located away from appliances that produce electromagnetic radiation (e.g. microwave ovens, refrigerators, etc.).
  - If you are using a VPN, try turning it off and then try it again. Disable portal authentication for your wireless network. If portal authentication is enabled, this humidifier will not be able to access your wireless network and setup will fail. Portal authentication means that you need to sign in to your wireless network through a web page before you can use the Internet.
2. Cannot find the humidifier within the nearby devices list.
    - The humidifier may be connected with another smartphone. Disconnect it from the other smartphone first.
  3. The humidifier is offline.
    - Make sure the humidifier is plugged in and powered on, then refresh “My Devices” in the Cleats app by swiping down on the screen.
    - Make sure your router is connected to the internet, and your phone's network connection is working.
    - If the Wi-Fi password has been changed, the humidifier will automatically go offline. Try connecting it to the network again.
    - Delete the offline humidifier from the Cleats App, then add and reconfigure the humidifier again in the Cleats App.

## **FCC STATEMENT**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this 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 try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC 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 RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

## WARRANTY INFORMATION

We grant 1 year warranty on the product commencing on the date of purchase. Within the guarantee period, we will eliminate any defects in the appliance resulting from faults in materials or workmanship. Please contact us at: [support@clevast.com](mailto:support@clevast.com) to launch a warranty claim.

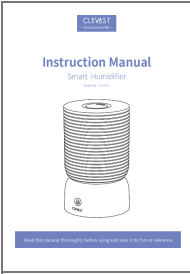
This guarantee does not cover: damage due to improper use, normal wear or use as well as defects that have a negligible effect on the value or operation of the appliance. The guarantee becomes void if repairs are undertaken by unauthorized persons and if original product parts are not used.

## CUSTOMER SUPPORT

1. If you have any product questions or concerns, please don't hesitate to contact us directly at [support@clevast.com](mailto:support@clevast.com) or visit our website at: [www.clevast.com](http://www.clevast.com).
2. We have a hassle-free warranty and customer service team for satisfactory solutions to any issue you might have.

CLEVAST

## Documents / Resources

	<p><a href="#">CLEVAST CL-HD01 Smart Humidifier</a> [pdf] User Manual CL-HD01, 2BCBU-CL-HD01, 2BCBUCLHD01, CL-HD01 Smart Humidifier, Smart Humidifier, Humidifier</p>
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## References

- [Clevast](#)