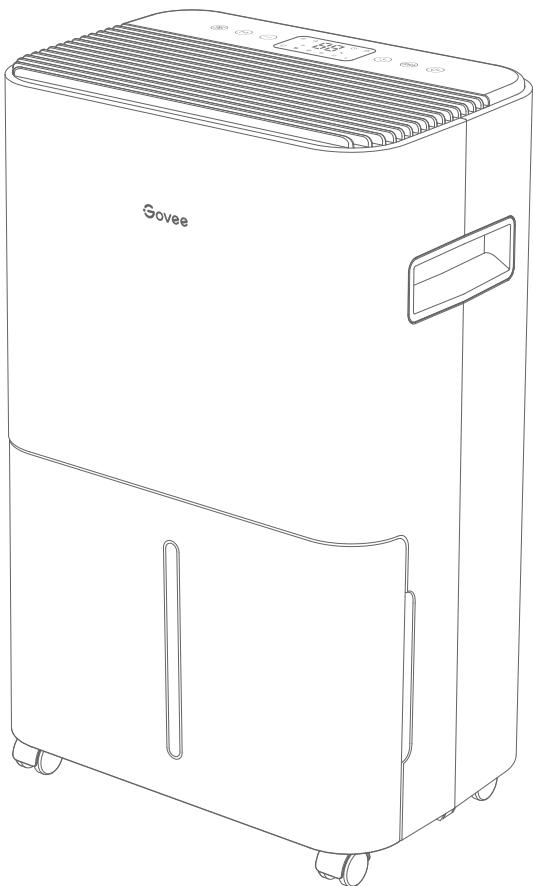


**Govee**

Model: H7150



# User Manual

Govee Smart Dehumidifier

# Contents

Safety Instructions	01
Included in the Box	02
Introduction	03
Getting Started	06
Govee Home App	06
Using Your Dehumidifier	07
Care & Maintenance	09
Troubleshooting	10
Appendix	12

# READ AND SAVE THESE INSTRUCTIONS

## Safety Instructions

### 1. Before First Use

To prevent any internal damage, keep the dehumidifier upright during the entire transportation and movement. Leave it upright for 24 hours before plugging it into power for first use.

### 2. General Safety

To prevent injury to the user or other people and property damage, the following instructions must be followed when using the dehumidifier.

- The dehumidifier can only be used by children 8 years or older and people with reduced physical, sensory or mental capabilities or lack of experience and knowledge with proper supervision or instruction concerning use of the dehumidifier.
- Install the dehumidifier properly on a floor or shelf that is level and strong enough to support it when the water bucket is full.
- Install the dehumidifier in accordance with national wiring regulations.
- Do not use the dehumidifier near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. If combustible gas accumulates around the dehumidifier, it may cause fires.
- Do not place the dehumidifier near a heater.
- Do not operate the dehumidifier with wet hands.
- Do not place flower vases or other water containers on top of the dehumidifier.
- Disconnect the dehumidifier from power if strange sounds, odors, or smoke come from the dehumidifier.
- Turn the dehumidifier off and unplug it from power before cleaning.
- Use a soft damp cloth to clean. Do not use wax, thinner, or a strong detergent.
- Do not clean the dehumidifier with water. If water enters the dehumidifier, turn it off immediately.
- Do not insert your finger or other foreign objects into grilles or openings. Take special care to warn children of these dangers.
- Turn the dehumidifier off and unplug from power when not in use for a long time.
- Do not take the water bucket out while the dehumidifier is working.
- Do not climb on or sit on the dehumidifier.
- Do not drink or use the water drained from the dehumidifier.

### 3. Power Cord & Plug

- Do not turn the dehumidifier on or off by plugging in or unplugging from power. Touch the control panel instead.
- Do not use the power cord if it is broken or damaged. Do not use the socket if it is loose or damaged. The replacement must be done by qualified personnel.
- Do not use an extension cord or an adapter plug. Do not remove any prongs from the power cord.
- Do not place any heavy objects on the power cord and make sure that the cord is not compressed.
- Do not modify power cord length or share the outlet with other dehumidifiers.
- Do not run the cord under carpeting. Do not cover the cord with throw rugs, towels, or similar coverings. Do not route the cord under furniture or appliances. Arrange the cord away from the traffic area where it will not be tripped over.
- Hold the plug by its head when taking it out.

### 4. Risk of Electric Shock

- The Govee nameplate is located on the rear panel of the dehumidifier and contains electrical and other technical data specific to this dehumidifier. Do not exceed the rating of the power outlet or connection device.
- If the dehumidifier is knocked over during use, turn it off and unplug from power immediately, otherwise it may cause water to spill and damage belongings, or cause electrical shock or fire.
- The dehumidifier must be disconnected from power before cleaning or other maintenance.
- Do not use this dehumidifier with any solid-state speed control device.
- Do not allow water to enter into its electric parts. It may cause failure or electric shock.
- Properly ground the dehumidifier to minimize shock and fire hazards.
- The dehumidifier must be used in a properly grounded wall socket. If your wall socket is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper socket.
- During a thunderstorm, the power must be cut off to avoid damage to the dehumidifier due to lightning.
- Do not risk your safety by taking apart or repairing the dehumidifier by yourself.

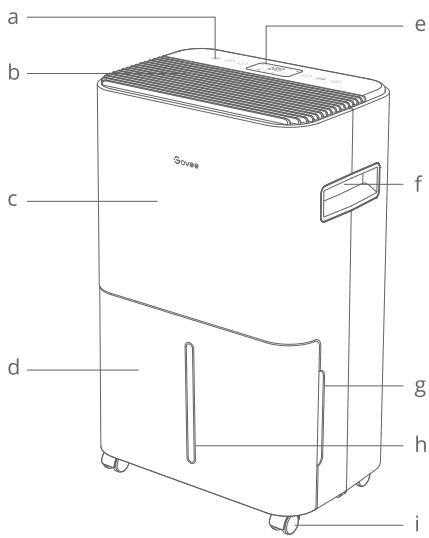
## Included in the Box

Item	Quantity
Smart Dehumidifier	1
Drain Hose	1
User Manual	1
Quick Start Guide	1

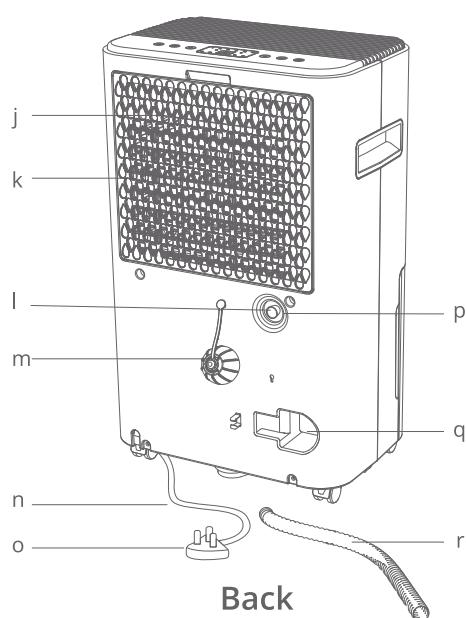
# Introduction

## 1. Part Names

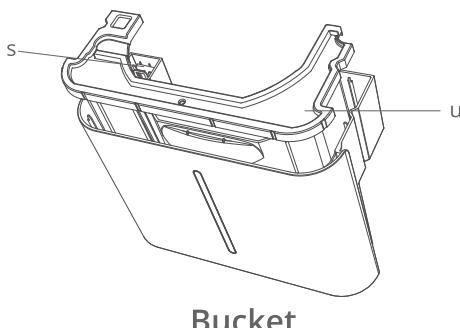
- a. Touch Control Panel
- b. Air Outlet Grille
- c. Front Panel
- d. Water Bucket
- e. Display Panel
- f. Built-in Handle (Both Sides)
- g. Bucket Handle (Both Sides)
- h. Water Level Window
- i. Universal Caster
- j. Air Intake Grille
- k. Air Filter (Over the Grille)
- l. Drain Plug (Remove Before Use)
- m. Drain Outlet Cover
- n. Power Cord
- o. Power Plug
- p. Continuous Drain Hose Outlet
- q. Power Plug Buckle
- r. Drain Hose
- s. Float
- u. Bucket Cover



Front



Back



## 2. Controls



### Power Button

Touch to turn the dehumidifier on or off.

When the dehumidifier is being powered on or off, the compressor will respond with a short vibration.



### Touch Lock & Timer Button

**Lock:** Long press for 3 seconds to turn the touch lock on or off.

**Timer:** Touch to set a timer and touch  $(+)$  or  $(-)$  to increase or decrease the time by 1 hour. After you finish setting the time, wait for 5 seconds for the timer to work. Read the countdown by hour on the display panel and check any remaining time on the app.



### Speed Button

Touch to switch between high speed and low speed. At high speed, the dehumidifier reduces moisture and dampness to a maximum extent. When the humidity has been lowered, switch to low speed to let the dehumidifier run quietly.

**Note:** In Speed Mode, the dehumidifier continuously reduces the moisture. If you wish to stop dehumidifying automatically when your room humidity reaches the target value, touch the Mode Button to turn on Auto Mode.



### Mode Button

Touch to switch between Auto Mode and Dryer Mode.

**Auto Mode:** The dehumidifier automatically turns on or off and adjusts its speed based on the current humidity. In this mode, touch  $(+)$  or  $(-)$  to increase or decrease the current ambient humidity value displayed on the panel to set your target humidity by 5% within the range between 30% to 80%. After you finish adjusting the target value, wait for 5 seconds for the setting to work.

**Note:** The setting of target humidity only works in Auto Mode.

**Dryer Mode:** The dehumidifier continuously operates at a high speed to dry your clothes with lower running costs compared to a conventional tumble dryer.

**Note:** In Auto Mode and Dryer Mode, the speed cannot be manually adjusted.



### Recovery Button

Long press for 10 seconds until all indicators flash once, then the dehumidifier will be restored to factory settings, disconnected from Wi-Fi and Bluetooth, and automatically reboot. This button is for restoring all preset functions if the dehumidifier cannot function properly.

**Note:** After restoring the dehumidifier to factory settings, go to "My Devices" page on the app to delete this dehumidifier first, otherwise it cannot be added to the app again.

### 3. Indicator Status

Indicator	Working Status	Light Status
	Powered On	Solid White
	Continuous Dehumidifying at High Speed	Solid White
	Continuous Dehumidifying at Low Speed	Solid White
	Auto Mode	Solid White
	Dryer Mode	Solid White
	Timer	Solid White
	Locked	Solid White
	Unlock	Dim
	Lock Reminder	Triple Flashes
	Auto Defrost	Solid Red
	Water Bucket is Full	Slowly Flashes
	Humidity Value	Solid White
	Hour	Solid White
	Current Value	Solid White
	Last Stage Setting	Slowly Flashes
	Ready for Connecting	Slowly Flashes White
	Connecting	Quickly Flashes White
	Connected	Solid White
	Not Connected	Dim

Note:

- 1.The bucket indicator will also light up when the bucket is pulled out. You can go to "Device Settings" page to turn on "Full Bucket Alert", then you will get notifications from the app when the bucket is full of water or is being pulled out.
- 2.If the dehumidifier detects internal frosting, it will automatically trigger Auto Defrost until there is no frost any more. In Auto Defrost mode, the dehumidifier will stop dehumidifying.

### 4. Functions

#### Memory Function

The dehumidifier will save its previous settings when powered off (such as its speed, mode, and Wi-Fi connection). When it is powered back on, the settings will resume.

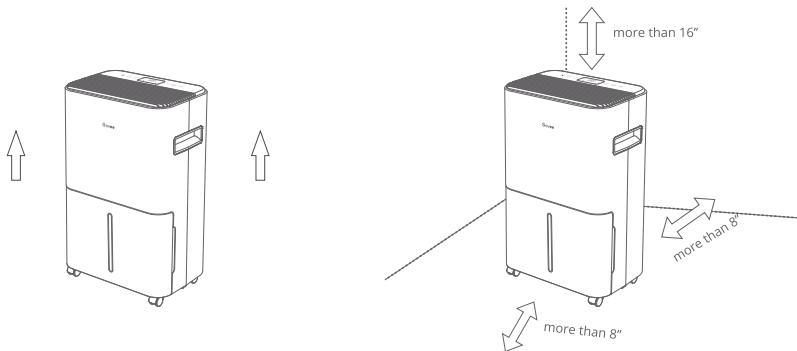
#### 3-Minute Compressor Operating Protection

After the dehumidifier has stopped, it cannot be restarted to dehumidify in the first 3 minutes in order to protect its compressor and expand its lifespan. It will automatically restart after 3 minutes.

# Getting Started

**Caution:** Before getting started, leave the dehumidifier to stand upright for 24 HOURS so the oil in the compressor can settle from the move since the dehumidifier may have been tilted or placed upside down during shipping, otherwise this will affect the performance or lifespan of the dehumidifier.

- 1.Place the dehumidifier on a smooth level floor strong enough to support the unit with a full bucket of water.
- 2.Allow at least 8 inches of air space on all sides of the unit for air circulation (at least 16 inches for air outlet). Place the unit away from any clothes dryer, heater or radiator.
- 3.Plug the dehumidifier into a 120 V socket. Now your Smart Dehumidifier is ready to use!



**Note:**

- 1.Place the dehumidifier in places where the temperature will not fall below 41°F (5°C) since its coil may frost in low temperatures and affect the performance.
- 2.Close all doors, windows, and other openings to the room when using the dehumidifier so as to achieve the best performance.
- 3.If you use this dehumidifier to dry an adjacent enclosed storage area, it will have little or no effect unless there is adequate air to circulate in.

## Govee Home App

You can access more features using Govee Home App.

### Downloading Govee Home App

To download Govee Home App, scan the QR code or search for "Govee" in the Apple App Store® (iOS) or Google Play Store (Android).



**Note:**

- Choose "Allow" to the permissions requested when opening Govee Home App for the first time. These permissions allow the app's features to function normally and are not used to record personal, private information.
- Due to ongoing updates, Govee Home App may be slightly different than shown in this manual. In case of any differences, always follow the in-app instructions.

## Pairing with Govee Home App

1. Turn on your smartphone's Bluetooth.
2. Open Govee Home App, tap the "+" icon in the top right corner and search for "H7150."
3. Tap the device icon and follow the in-app instructions to press the Power Button to complete the Bluetooth connection with your phone and connect your device with Govee Home App.

**Note:**

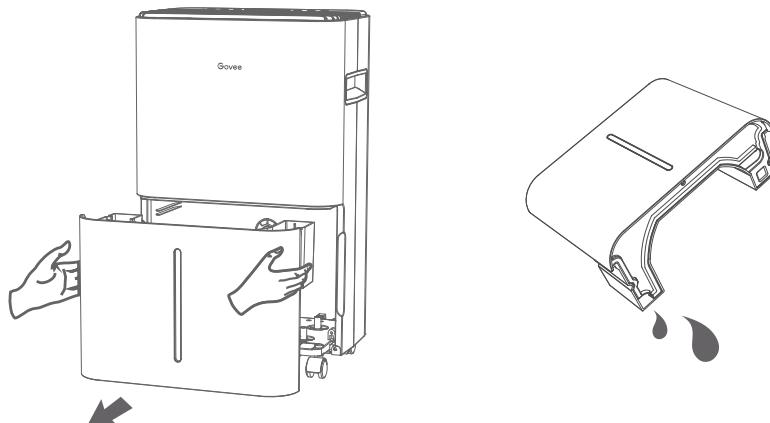
- Method to turn off Bluetooth and Wi-Fi connection: Press and hold the Power Button and Speed Button for 10 seconds to restore the device to factory settings, then go to "My Devices" page on the app to delete this dehumidifier first, otherwise it cannot be added to the app again.
- You can use Govee Home App to connect your dehumidifier to Amazon Alexa or Google Assistant. Follow the in-app instructions to connect to each voice assistant.
- Govee Home App is being continually updated and its features do expand.

## Using Your Dehumidifier

### Empty the Bucket

The bucket indicator will light up when the water bucket is full and the dehumidifier will automatically shut down until the bucket has been emptied and secured back in place.

1. When the bucket indicator is on, slowly pull out the bucket. Grip the left and right handles securely and carefully pull out straight to prevent the water from spilling out. Do not put the bucket on any surface because the bottom of the bucket is uneven, otherwise this may spill the water.



2. Invert the bucket to empty the water.
3. The bucket indicator will go out when the bucket is put back in place and the dehumidifier will start working again.

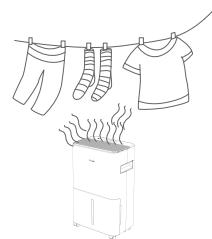
Note:

- 1.Do not pull the bucket out when the dehumidifier is working because when the dehumidifier stops working, it will still drip some water, which may wet the floor or cause danger. If you still want to pull it out, wait for several minutes after the dehumidifier is turned off.
2. Do not remove the float from the water bucket, otherwise the water level cannot be properly detected and cause overflow.
3. When putting the water bucket back, ensure that it is properly placed to avoid overflow.

## Drying Clothes

Turn on the Dryer Mode to dry your clothes faster and efficiently especially during the humid seasons.

**Step 1:** Hang the washed clothes in a small space such as cloakroom, bathroom, or storage room. Keep the dehumidifier away from the water dripping from the washed clothes.



**Step 2:** Turn on the dehumidifier, choose Dryer Mode, and direct the air outlet towards the clothes.

**Note:** The drying effect varies from the thickness, the amount of clothes, and the size of the drying space. Theoretically, the effect will be better when clothes are few, thin, and the space is small. The drying process would take 3-8 hours.

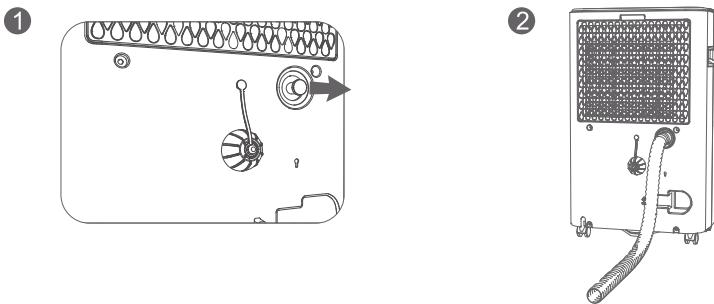
## Continuous Draining

The included drain hose will automatically empty the water into a floor drain.

**Note:** You can use any other hoses with an inner diameter of 0.6 inches (15.5 mm) instead.

**Step 1:** Open the continuous drain hose outlet and remove the drain plug (a yellow rubber).

**Step 2:** Insert the included drain hose into the continuous drain port.



**Note:**

1. Ensure that the connection is tight and there is no leaking.
2. Lead the water hose to the floor drain or a suitable drainage facility. The drainage facility should be lower than the drain outlet of the dehumidifier.

3. Be sure to run the water hose sloping downward to let the water flow out smoothly. No kinks or bends.
4. If you need to use the hose to drain the condensate water out to an external container, be sure not to submerge the other end of the hose into the water.
5. When the dehumidifier is not continuously draining, remove the hose from the outlet and place the drain plug (the yellow rubber) back. Then, dry the outlet and screw its cover on tightly.
6. It is recommended to use a short hose. If the drain hose is too long, water may not drain completely, which can lead to stagnant water and mildew building up inside the hose.

## Care & Maintenance

**Note:** Before cleaning, turn the dehumidifier off and unplug it from power.

### 1. The Grille and Case

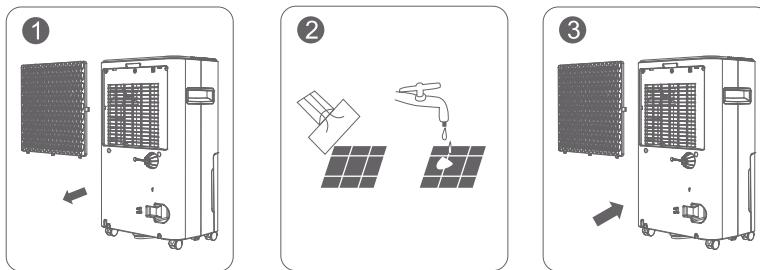
- Use a soft damp cloth to clean. Do not splash water directly into the unit, otherwise this may cause an electrical shock, deteriorate the insulation, or rust the grille or the case.
- Use water and a mild detergent. Do not use bleach or abrasives.
- The air intake and outlet may get dirty during operation, use a vacuum cleaner or a brush to clean.

### 2. The Bucket

- Clean the bucket thoroughly every few weeks to prevent the growth of mold, mildew, and bacteria.
- Fill half of the bucket with clean water and mild detergent, swirl them around, pour out, and rinse the bucket out.

### 3. The Air Filter

- Pull the filter outwards to remove it.
- Use a vacuum cleaner to gently suck the dust on the surface of the filter. If the filter is very dirty, wipe it with warm water and a gentle cleaner and dry it completely.
- Insert the filter back into the dehumidifier.



**Note:** Do not operate the dehumidifier without the filter, otherwise this may reduce the performance and damage the dehumidifier.

## 4. Maintenance

When not using the dehumidifier for a long period of time:

- Let it rest for a whole day to naturally dry out before storing.
- Clean the body, water bucket, and air filter.
- Wrap the cord with the power cord buckle.
- Cover the dehumidifier with a plastic bag.
- Store it upright in a dry well-ventilated area.

## Troubleshooting

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

### For Smart Dehumidifier

Problem	Possible Solution & Reason
The dehumidifier does not work.	Check if the power plug is firmly connected into the wall outlet.
	Check the house fuse/circuit breaker box.
	The dehumidifier has reached target temperature in Auto Mode or the water bucket is already full.
	The float in the tank is stuck and is not properly positioned. Push the float down to the lowest position.
	Water bucket is not in the proper position. Put it back in place.
The drain hose is properly connected for continuous draining while the condensate water is still dripping.	Pull out the drain plug (yellow rubber) of the water outlet before connecting the water pipe (please refer to the schematic diagram of continuous drainage function page in the manual for details).
The pipe is leaking water when the dehumidifier is continuously draining.	The pipe is not connected correctly or the other end of the pipe is blocked, so the water cannot be appropriately discharged. Ensure that both ends of the water pipe are unimpeded after connecting the water pipe to the drain outlet. Keeping the water pipe in an inclined state is more conducive to gravity drainage.
Dehumidifier does not dry the air as it should.	The time is not enough to remove the moisture.
	The ambient humidity is too low, affecting the performance of dehumidifying.

	<p>Make sure there are no curtains, blinds or furniture blocking the top or back of the dehumidifier.</p> <p>The dehumidifier is in Auto Mode and its target humidity is higher than the ambient humidity. Check if all doors, windows, and other openings are securely closed. Room temperature is too low, below 41°F (5°C). Heat up the room.</p> <p>There is a water vapor source in the room such as a humidifier.</p> <p>The air filter is dirty. Clean the air filter.</p>
The dehumidifier makes a loud noise when running.	<p>The air filter may be dirty. Follow the previous instructions to clean it.</p> <p>The dehumidifier is tilted. Put it upright.</p> <p>The floor surface is not level.</p> <p>Check if the filter is properly positioned.</p>
Frost appears on the coils.	<p>This is a normal phenomenon when the dehumidifier is running at low ambient temperature.</p> <p>The dehumidifier will automatically start defrosting and the whole process may take 15 to 20 minutes. When the dehumidifier completes defrosting, it will automatically restart dehumidifying.</p>
Water on floor.	<p>The hose port may be loose.</p> <p>Intended to use the bucket to collect water, but the back drain plug is not in place.</p>

## For App & Connectivity

1. Cannot connect to Govee Home App.
  - Make sure your smartphone is powered on and is not connected with other Bluetooth devices.
  - Enable the smartphone's Location Services.
  - Try connecting with another smartphone.
  - Make sure your app is updated to the latest version.
  - Make sure you connect to your Wi-Fi router's 2.4GHz network and the network is working correctly.
  - Make sure the Wi-Fi password you entered is correct.
  - Shorten the distance between the dehumidifier, Wi-Fi router, and the smartphone.
  - Make sure your dehumidifier 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 connecting the dehumidifier.
  - Disable portal authentication for your Wi-Fi network. If portal authentication is enabled, this dehumidifier will not be able to access your Wi-Fi network and setup will fail. Portal authentication means that you need to sign in to your Wi-Fi network through a web page before you can use the Internet.

2. Cannot find the device on Bluetooth Device Nearby page of the app.

- The dehumidifier may be connected with another smartphone. Disconnect it from the other smartphone first.

3. The dehumidifier is offline.

- Make sure the dehumidifier is plugged in and powered on, then refresh "My Devices" in Govee Home 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 dehumidifier will automatically go offline. Try connecting it to the network again.
- Delete the offline dehumidifier from Govee Home App, then add and reconfigure the dehumidifier again in the app.

## Appendix

### After-Sales Service

 Warranty: 12-Month Limited Warranty

 Support: Lifetime Technical Support

 Email: support@govee.com

 Official Website: [www.govee.com](http://www.govee.com)

 @Govee  @goveeofficial  @govee.official

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## Specifications

Power Source	120V ~ 60Hz
Rated Power	350W
Rated Current	3.2A
Operating Conditions	Temperature: 41~95°F (5~35°C)
	Humidity: <95%RH
Noise Level	42~45dB
Moisture Removal (65°F,60%RH)	15.1 Pints/Day
Moisture Removal (80°F,60%RH)	22 Pints/Day
Moisture Removal (86°F,80%RH)	40 Pints/Day
Moisture Removal (95°F,90%RH)	50 Pints/Day
Input Power (65°F,60%RH)	187W
Input Current (65°F,60%RH)	1.65A
IEF (65°F,60%RH)	1.57 liters/kWh
Motor FLA	0.23A
Motor Compressor	RLA:3.0A LRA:14.0A
Refrigerant	R134a/95g (3.35ozs)
Maximum Operating Pressure High	4.5MPa
Maximum Operating Pressure Low	1.6MPa
Low Pressure	0.9MPa
Unit Dimensions	11.8x7.9x19.4inch (30x20x49.2cm)
Unit Weight	30.9lb/14kg

# 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, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

Note: 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 or more of the following measures:

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

# FCC Radio Frequency Exposure Statement

The device has been evaluated to meet general RF exposure requirements. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

FCC ID:2AQA6-H7150

The following importer is the responsible party

Name: GOVEE MOMENTS (US) TRADING LIMITED

Address: 13013 WESTERN AVE STE 5 BLUE ISLAND IL 60406-2448

Email: support@govee.com

Contact information: <https://www.govee.com/support>



Govee Home App

For FAQs and more information,  
please visit: [www.govee.com](http://www.govee.com)