

## Dreo HM311S

# Dreo Smart Humidifier HM311S User Manual

Model: HM311S | Brand: Dreo

## 1. IMPORTANT SAFETY INSTRUCTIONS

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Please read and save these instructions before operating your Dreo Smart Humidifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always place the humidifier on a firm, flat, water-resistant surface at least 12 inches (30 cm) away from walls and appliances.
- Do not place the humidifier on carpet, near heat sources, or in direct sunlight.
- Ensure the voltage of your power source matches the humidifier's specifications.
- Do not immerse the base unit in water or other liquids.
- Unplug the humidifier before filling, cleaning, or moving it.
- Do not add essential oils directly into the water tank. Use the designated aroma pad tray.
- Keep out of reach of children and pets.
- Use only clean, cool tap water or distilled water. Do not use hot water.

## 2. PRODUCT OVERVIEW

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The Dreo Smart Humidifier HM311S is designed to provide optimal humidity levels in your home with advanced features and quiet operation. It features a 4-liter top-fill tank, precise humidity control, and smart connectivity for convenient use.



Image: Dreo Smart Humidifier HM311S, showcasing its sleek design and accompanying mobile app interface.

### Key Features:

- **4L Top-Fill Tank:** Easy and mess-free refilling.
- **Ultrasonic Cool Mist:** Produces a fine, even mist for comfortable humidification.
- **Smart Humidity Control:** Maintains desired humidity levels with high precision.
- **Quiet Operation:** Operates at a low noise level of 28dB for undisturbed use.
- **36-Hour Runtime:** Extended operation on a single fill.
- **APP/Voice Control:** Compatible with Dreo app, Amazon Alexa, and Google Assistant.
- **LED Display & Nightlight:** Clear display and adjustable nightlight for convenience.

DREO | Humidifiers

# Next-gen performance. Perfect dryness relief.



Powered by  
**Mistwave**

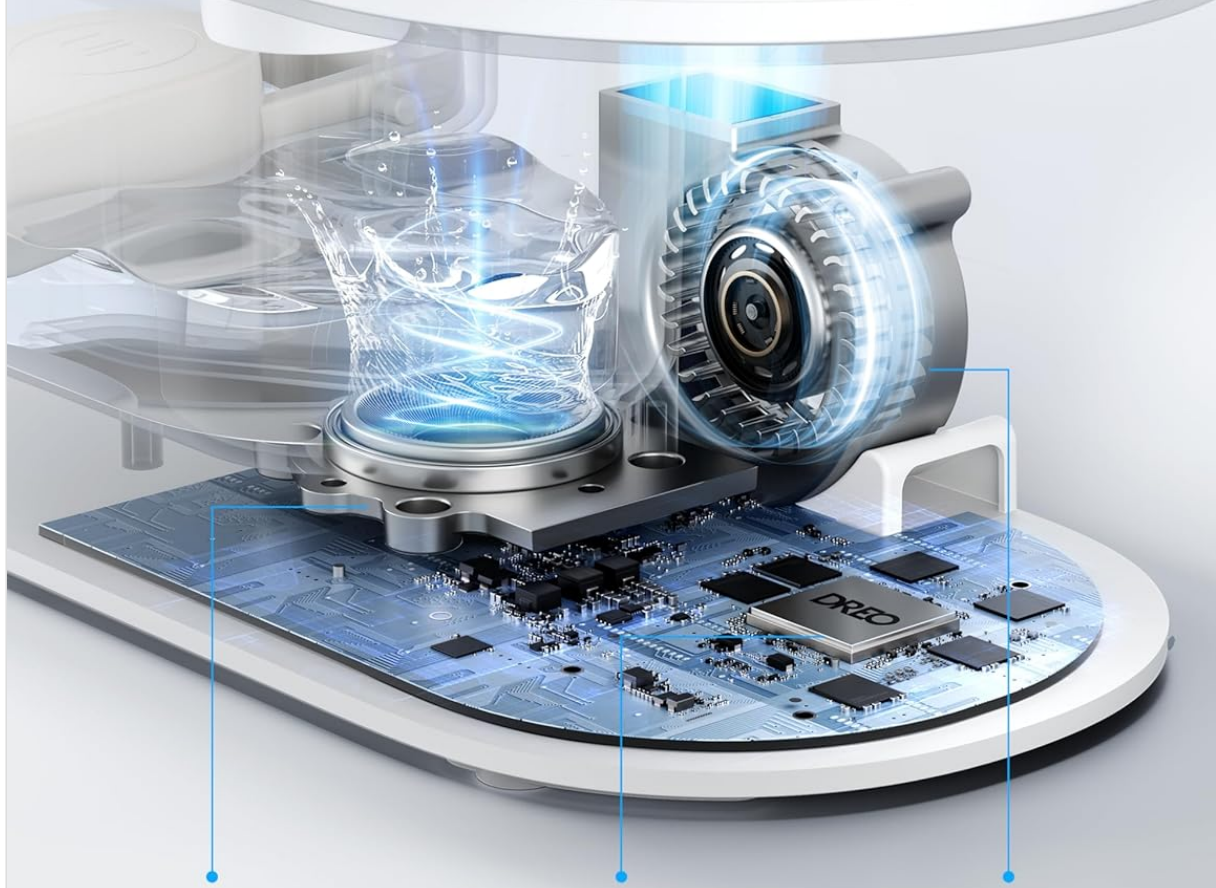
**40-inch**  
High mist

**5 $\mu$ m**  
Ultrafine mist

Image: The humidifier operating in a living room, demonstrating its mist output and modern aesthetic.

# Supersized Mist. Natural Relief.

Powered by  
**Mistwave**



**2.4MHz Atomizer**  
Fine Uniform Mist

**High Precision**  
Smart Humidistat

**Airflow Booster**  
Powerful Mist Release

Image: An internal diagram illustrating the 2.4MHz atomizer, high precision humidistat, and airflow booster for efficient mist release.

## 3. SETUP

### 3.1 Unpacking

Carefully remove all packaging materials and inspect the humidifier for any damage. Retain the packaging for future storage or transport.

### 3.2 Placement

Place the humidifier on a flat, stable, and water-resistant surface. Ensure it is at least 12 inches (30 cm)

away from walls, furniture, and electronic devices to allow for proper mist dispersion and prevent moisture damage.

### 3.3 Filling the Water Tank

The Dreo Smart Humidifier features a convenient top-fill design.

1. Remove the top cover of the humidifier.
2. Pour clean, cool tap water or distilled water directly into the water tank. Do not exceed the maximum fill line.
3. Replace the top cover securely.

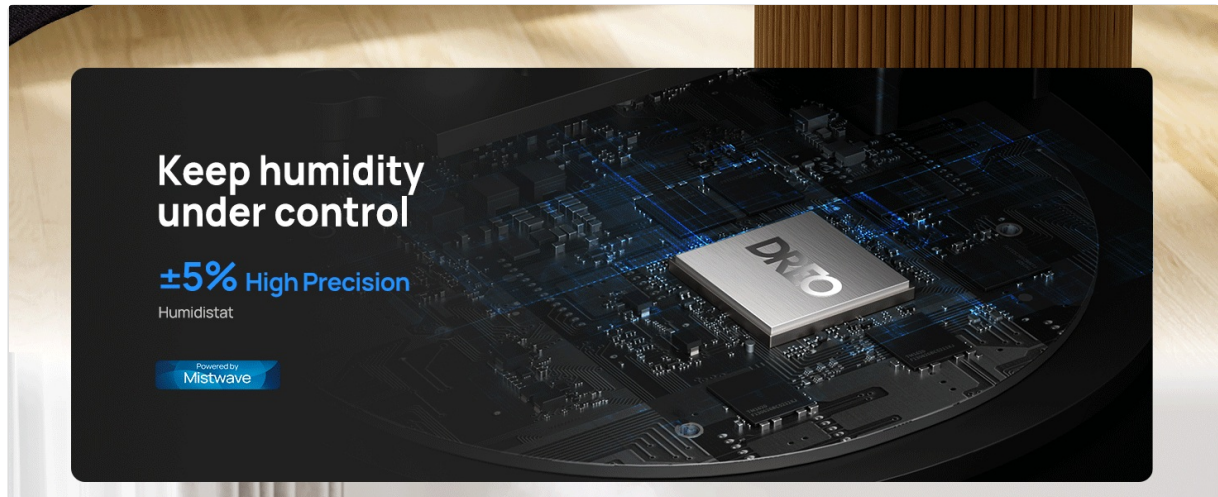


Image: A composite image demonstrating the top-fill design for easy water addition, the modular structure for simple cleaning, the built-in aromatherapy tray, and the quiet operation of the humidifier.

### 3.4 Power Connection

Plug the power cord into a suitable electrical outlet. The humidifier will enter standby mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

Press the Power button on the control panel to turn the humidifier on or off.

### 4.2 Mist Level Adjustment

Adjust the mist output level by pressing the Mist button. Cycle through available mist settings (e.g., Low, Medium, High).

### 4.3 Humidity Control (Auto Mode)

The humidifier features an Auto Mode that automatically adjusts mist output to maintain a set humidity level.

- Press the Mode button to select Auto Mode.
- Use the Dreo app to set your desired target humidity level (e.g., 40%-60%). The humidifier will work to achieve and maintain this level.

# Keep humidity always perfect



Image: A user interacting with the Dreo mobile application to precisely control the humidifier's settings and monitor humidity levels.

## 4.4 Nightlight Function

Press the Nightlight button to turn the ambient nightlight on or off. This feature provides a soft glow for nighttime use.

## 4.5 Timer Function

Set a timer for the humidifier to automatically turn off after a specified duration. Refer to the Dreo app for detailed timer scheduling options.

## 4.6 Smart Control (Dreo App / Voice Control)

Enhance your experience by connecting your humidifier to the Dreo app and integrating with voice assistants.

- **Dreo App:** Download the Dreo app from your smartphone's app store. Follow the in-app instructions to connect your humidifier. The app allows for remote control, scheduling, and advanced settings.
- **Voice Control:** Once connected to the Dreo app, link your humidifier to Amazon Alexa or Google Assistant for hands-free operation. Use commands like "Alexa, set humidifier humidity to 60%" or "Hey Google, turn on the humidifier."



Image: The Dreo app displaying various scheduling options, allowing users to tailor humidifier operation to their daily routine.

## 5. MAINTENANCE

Regular cleaning and maintenance are essential for optimal performance and longevity of your humidifier.

### 5.1 Cleaning

The modular design of the Drezo Smart Humidifier makes cleaning easy.

1. Unplug the humidifier and remove the top cover and water tank.
2. Empty any remaining water from the tank and base.
3. Use the included cleaning brush to clean the mist outlet and any hard-to-reach areas.
4. Wipe down the water tank and base with a soft cloth. For mineral buildup, use a solution of white vinegar and water (1:1 ratio), let it soak for 15-20 minutes, then rinse thoroughly.
5. Ensure all parts are completely dry before reassembling.

### 5.2 Water Quality

Using distilled water is recommended to minimize mineral buildup (white dust) and extend the life of the humidifier. If using tap water, consider purchasing a Drezo demineralization cartridge (sold separately) to reduce limescale.

The humidifier's display will indicate when the demineralization cartridge needs replacing.

### 5.3 Preventing Water Leaks

Ensure the internal components are correctly seated to prevent leaks.

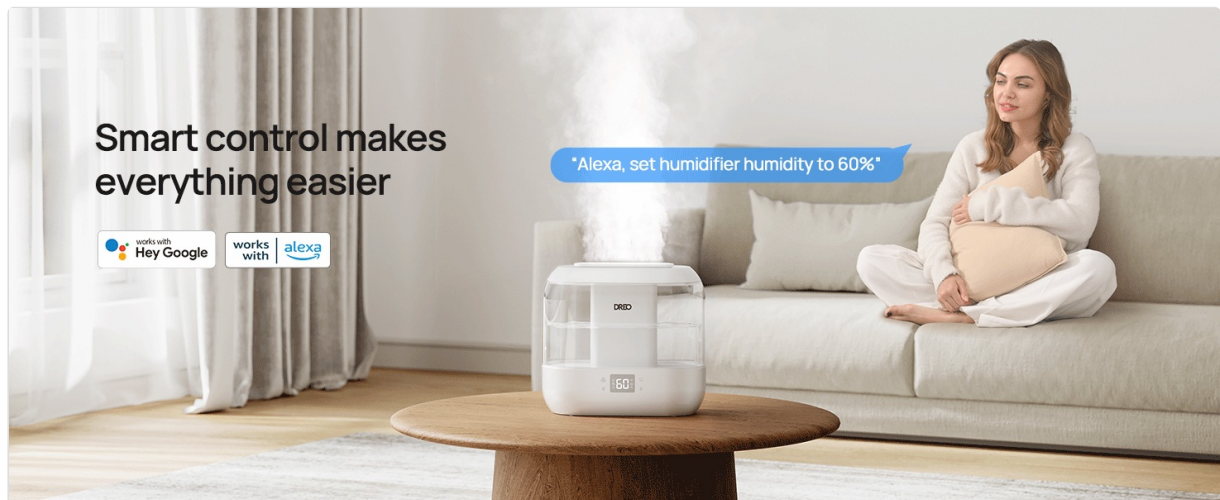


Image: A detailed view showing the correct method to fix the internal prongs to the brackets in the base, crucial for preventing water leaks.

## 6. TROUBLESHOOTING

If you encounter issues with your humidifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No mist or low mist output	Lack of water, mineral buildup, mist outlet blocked	Refill water tank. Clean the transducer and mist outlet. Ensure no obstructions.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Water leakage	Tank not seated correctly, internal components loose	Ensure the water tank is properly aligned. Check that internal prongs are fixed to brackets (refer to Section 5.3).
Humidifier not turning on	No power, power cord loose	Check power connection. Ensure outlet is functional.
App connectivity issues	Wi-Fi signal weak, incorrect pairing process	Ensure strong 2.4GHz Wi-Fi signal. Restart humidifier and router. Re-attempt pairing via Dreo app.
White dust around humidifier	Hard water used	Use distilled water or a demineralization cartridge. Clean the unit regularly.

## 7. SPECIFICATIONS

<b>Attribute</b>	<b>Detail</b>
Brand	Dreo
Model Name	HM311S
Product Dimensions	11.02"D x 10.15"W x 5.51"H
Item Weight	3.1 Pounds
Voltage	120 Volts
Wattage	26 watts
Floor Area Coverage	Up to 300 Square Feet
Operation Mode	Ultrasonic
Special Features	4L Top Fill, Digital Display, Timer, Wi-Fi/APP/Voice Control (Alexa/Google Assistant)
Included Components	Humidifier Body, User Manual, Cleaning Brush, Aroma Pad

**10.16"**

• Height

**5.51"**

• Width

**11.02"**

• Depth



Image: The Dreo Smart Humidifier HM311S with its height, width, and depth clearly indicated.

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Dreo website. You may also contact Dreo customer service directly for assistance with product operation, troubleshooting, or parts replacement.