

DREO | HM524S

NO.1

Tower Fan Brand in The US*



*Based on Stackline data for Amazon U.S. Retail Sales of Tower Fans from Jan 2022-Dec 2023.

What is it?

The most accurate smart long-lasting humidifier for ultimate dryness relief.

The HM524 Series delivers instant relief from dry air with undetectable noise levels. Its larger tank makes it perfect for continuous comfort. Enjoy precise humidity control and smart home compatibility for seamless integration into your lifestyle. While the large display and easy maintenance make it super user-friendly. Plus, the customizable light with 3 colors adds a touch of personalization to your space. Experience unparalleled comfort and convenience with this innovative humidifier.



What is it for ?

Families, plant enthusiasts, parents, smart home users, light sleepers.

The HM524 series is designed for families needing dryness relief in large spaces, such as living rooms, plant rooms, and nurseries. This humidifier provides a comfortable, humid atmosphere that benefits both the family and their plants. With its customizable ambient light, it not only enhances the room's aesthetics but also creates a soothing environment that offers instant dryness relief.

Key Message House

Product Name

DREO Humidifier HM524S

Positioning

The Most Accurate Smart Long-Lasting Humidifier for Ultimate Dryness Relief

Scenario

Bedroom, living room, plant room, baby room

Top KSPs

Instant Dryness Relief

Whisper Quiet & Long Running Time

More Accurate, Smart Home Ready

Large Display, Easy Maintenance

Supporting Evidence

44% Higher mist height and 42% finer mist than conventional humidifiers.

2.4MHz high-frequency atomization technology.

4" ultra-wide mist outlet.

Dual-intake design takes more air.

3 Mist direction settings.

300ml/h mist atomization speed covers up to 500 sq. ft. room.

28dB Ultra-quiet operation.

6L larger tank provides up to 60H of continuous humidification.

4X more accurate humidity control than conventional humidifiers.

Compatible with Google Home, Alexa, and the DREO App.

Big screen

Customizable Ambient Light.

3 colors customizable RGB light.

Easy to clean, Easy to fill.

Aroma Pad for Aromatherapy.

Specifications HM524S

IOT function









Performance	Humidifying Speed	Low:120ml/h ±20% Medium:200ml/h ±20% High:300ml/h ±20%
	Mist Height	40" in High Mode
	Recommended Area	200-500ft²
	Sensor Accuracy	±5% Humidity Accuracy
	Mistwave Technology	Fast mist distribution throughout any room
	Noise Level	28dB in Low Mode
	Capacity	6 Liters
	6°Tilted Structure	Doesn't wet surfaces
Feature	IOT	DREO app for smart control, Alexa and Google Home Compatibility
	Humidity Indicator Light Colors	Yellow: Dry, Humidity < 30%; Green: Comfortable30% < 60% humidity; Blue: Over Humidity ≥ 61% humidity
	5 Touch Buttons	On/Off Button; Mist level Button; Auto Button; Timer Button; Night Light Button
	Top Fill Design	Easy to fill, easy to clean
	Runtime	Up to 60H
Setting	Modes	Low Mode; Medium Mode; High Mode; Auto Mode
	Auto Mode	Default 60% humidity value; Auto humidity setting range: 30%-90%
	Mist Outlet	3-angle Tilttable Nozzle
	Aroma Pad Tray	Built-in essential oil tray

Standard function



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Product Comparison

Product Name	HM524S	HM524	HM713S	Levoit Classic 300S	BREEZOME MG07JS	Levoit LV600S
Product photo						
Price	\$69.99	\$59.99	\$89.99	\$79.99	\$79.99	\$109.99
Capacity	6L	6L	6L	6L	6L	6L
Atomization Frequency	2.4MHz	2.4MHz	1.7MHz	1.7MHz	-	-
Mist height	40 inches	40 inches	40 inches	31 inches	Unpublished	≈ 31 inches
Mist	Cool	Cool	Cool&Warm	Cool	Cool	Cool&Warm
Mist Accuracy	±5%	±5%	±5%	10%-20%	20%	20%
Mist Nozzle	Long	Long	Small	Small	Small	Small
60H Runing time	✓	✓	✓	✓	✓	✓
RGB Light	✓	✓	×	×	×	×
Mist mode	4	4	3	4	2	3
Timer	12h	12h	12h	-	24h	24h
IoT	DREO App, Google Home, Alexa	×	DREO App Google Home, Alexa	App, Google Home, Alexa	×	App, Google home, Alexa
Power Source	ETL/FCC/CE/PSE	ETL/FCC/CE/PSE	ETL/FCC/CE/PSE	ETL/AC	AC	AC

Ultra-wide Mist.
Zero Dryness.



Bigger Tank.
Non-stop Humidity.

6L

60hrs
Max Runtime



28dB
Ultra-quiet



± 5 High Precision
Humidistat



Customizable
Ambient Light

Wet Comfort Dry



DREO App



Top-fill Design



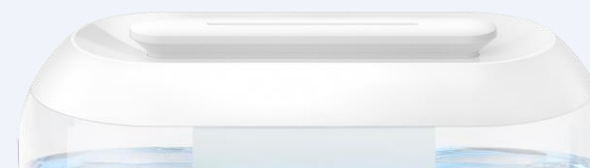
Easy to
Clean



Aroma
Pad Tray



Ultra-wide Nozzle



A woman with long dark hair is sitting on a light-colored sofa, reading a book. She is wearing a light-colored long-sleeved shirt and pants. In the foreground, a white and blue Dreo humidifier is on a wooden coffee table, emitting a thick mist. The room has large windows with sheer curtains, a wooden floor, and a white rug. A wooden toy truck is on the floor near the sofa.

**Ultra-wide Mist.
Whole-room Comfort.**

200-500ft²
Room Coverage

Powered by
MistWave

Dual-intake Design. Faster Mist Release.

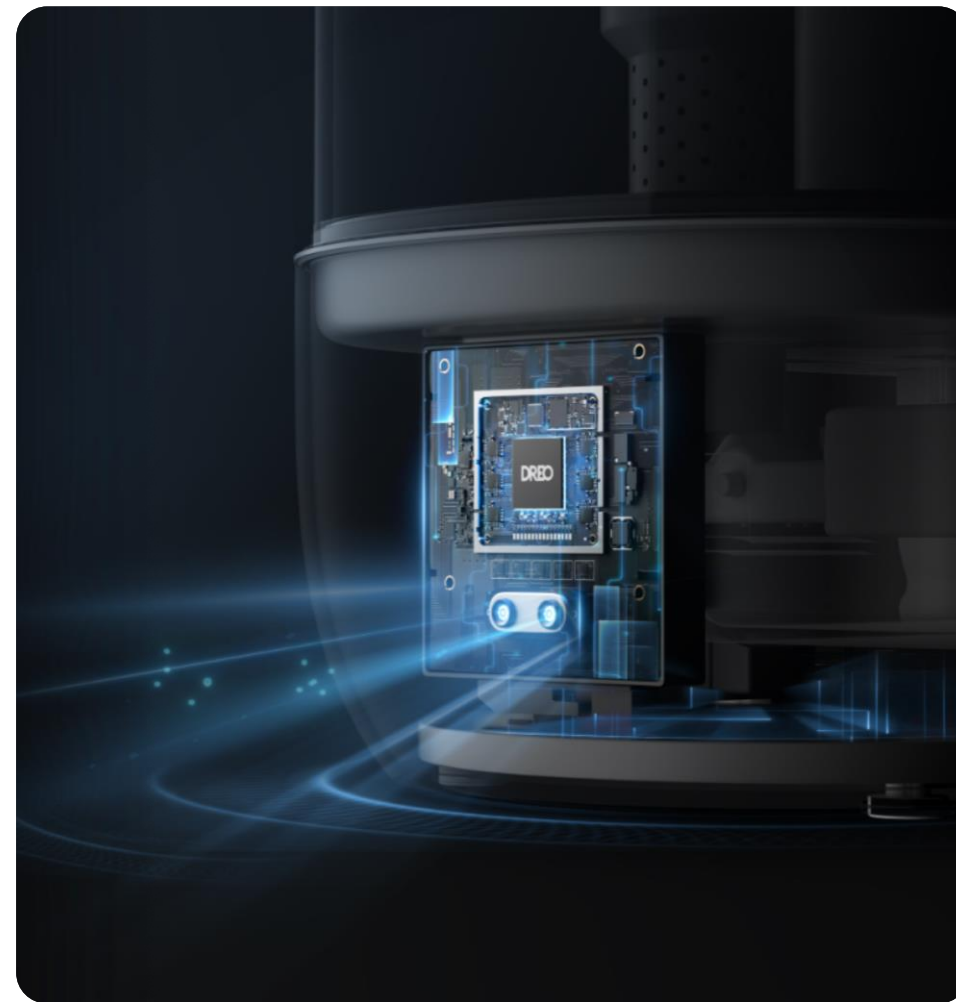


The HM524 series utilizes high-frequency atomization to produce $5\mu\text{m}$ ultrafine mist particles that spread more uniformly, while its innovative dual-intake design creates a powerful mist release that reaches up to 40 inches high.



Precision Humidity Control. Always On Point.

A custom sensor with a dedicated compensation algorithm keeps humidity under control $\pm 5\%$ High Precision Humidistat.





Bigger Tank. Non-stop Humidity.

One fill lasts up to 60hrs, ideal for humidifying large rooms.

6L

Water Tank

60Hours*

Max Runtime

*Tested by DREO lab under lowest mist settings.

Peacefully Quiet.
Perfectly Hydrated.

28dB

DREO Ultra-quiet



*Tests conducted by DREO Lab under sleep mode.

Personalize humidity color



Effortless
top refills

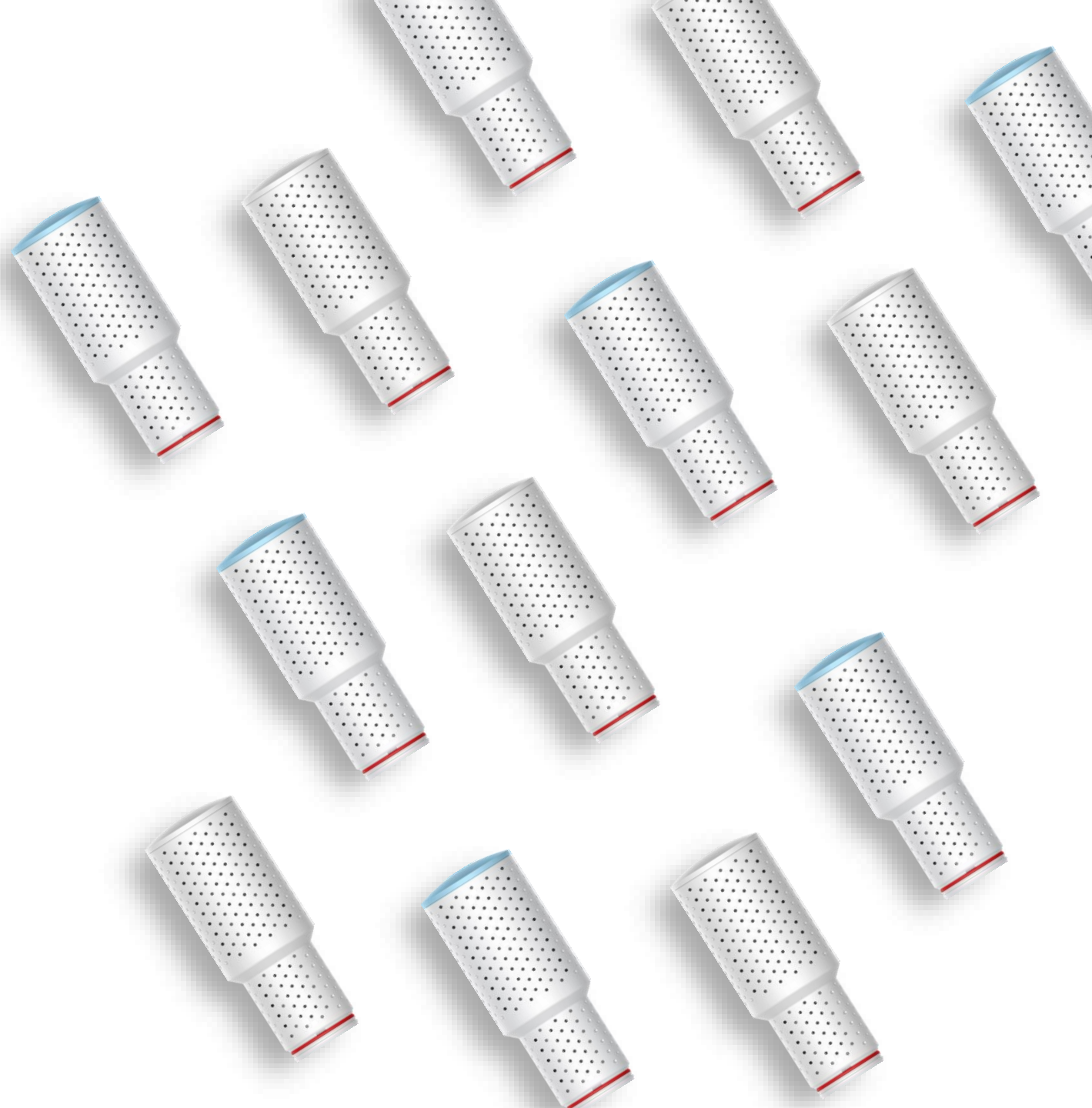


Easy to clean



Healthier Mist with DREO Cartridges (Sold Separately)

Choose from two mist cartridges to suit your preferences. The Clean Mist Cartridge prevents particle buildup inside the tank, while the Demineralization Cartridge captures minerals to prevent white dust formation.



Review Procedure

1. Unboxing and Setup

Contents: Ensure all components (humidifier unit, power adapter, user manual, and any additional accessories) are included.

2. Initial Inspection

Design and Aesthetics: Assess the design, finish, and customizable light with 3 colors. Determine if the unit fits well with various home decors.

3. Functionality Testing

Operation: Power on the humidifier. Test the ease of use for basic operations such as turning the unit on/off and adjusting settings.

Noise Levels: Measure the noise level using a decibel meter at different settings (low, medium, high).

Humidity Control: Test the precision of humidity control settings. Use a hygrometer to verify the actual humidity levels achieved.

4. Performance Evaluation

Mist Output: Evaluate the consistency and distribution of the mist. Check that the tabletop is not wetted by the mist.

Mist Coverage Area: Test the unit in different room sizes to see if it covers the advertised area effectively.

Smart Home Integration: Test the compatibility with smart home systems (e.g., Alexa, Google Home). Check the responsiveness and ease of setting up.

5. User Experience

Ease of Use: Evaluate the user interface, including the large display and control buttons. Determine if the unit is intuitive to operate.

Maintenance: Test the ease of cleaning and refilling the water tank. Note any design features that facilitate maintenance.

Aroma tray: move the aroma pad tray cover to switch between scents throughout the day.

Review Consideration

1. Performance

Mist Output: Assess consistency, volume, and adjustability

Noise Levels: Measure noise at different settings.

App control: smooth application control and user-friendly interface

2. Design

Aesthetics: Evaluate visual appeal and integration with home decor.

User Interface: Test ease of use of controls and display.

Maintenance: Consider ease of cleaning and refilling.

3. Functionality Testing

Smart Home Integration: Test compatibility with DREO App, Alexa and Google Home.

Customizable Lighting: Assess the value of the customizable light with 3 colors.

4. Performance Evaluation

Price vs. Features: Compare features and performance to price.

Competitor Comparison: Compare with similar models.

Long-term Value: Consider durability and maintenance costs.