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Air Innovations MH-419

Air Innovations MH-419 Cool Mist & Ultrasonic Humidifier User Manual

Model: MH-419

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your Air Innovations MH-419 Cool Mist & Ultrasonic Humidifier. Please read all instructions carefully before use and retain this manual for future reference.

The Air Innovations MH-419 is designed to add moisture to the air, helping to alleviate dry conditions in rooms up to 400 square feet. It features a 4.5-liter (1.2-gallon) tank, providing up to 70 hours of operation on a single fill, and a top-fill design for convenient refilling.

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- Always place the humidifier on a firm, flat, level, and waterproof surface.
- Keep the power cord away from heated surfaces.
- Never use detergents, gasoline, glass cleaner, furniture polish, paint thinner, or other household solvents to clean any part of the humidifier.
- Do not use the humidifier in areas where flammable liquids are stored.
- Unplug the appliance before filling, cleaning, or moving.
- Do not block the mist outlet.
- This appliance is for household use only.

PRODUCT COMPONENTS

Familiarize yourself with the parts of your Air Innovations MH-419 humidifier:

- **Mist Nozzle:** Directs the mist output.

- **Water Tank:** 4.5L capacity for water.
- **Control Dial:** Adjusts mist output and powers the unit on/off.
- **Water Level Window:** Indicates current water level.
- **Base Unit:** Contains the ultrasonic transducer and electronic components.
- **Foam Pad:** Located near the sensor in the base, must be removed before first use.



Image: Front view of the Air Innovations MH-419 Cool Mist Humidifier, showing the white casing, control dial, and water level window.

Mist Nozzle



Image: Close-up view of the mist nozzle located on the top of the humidifier.

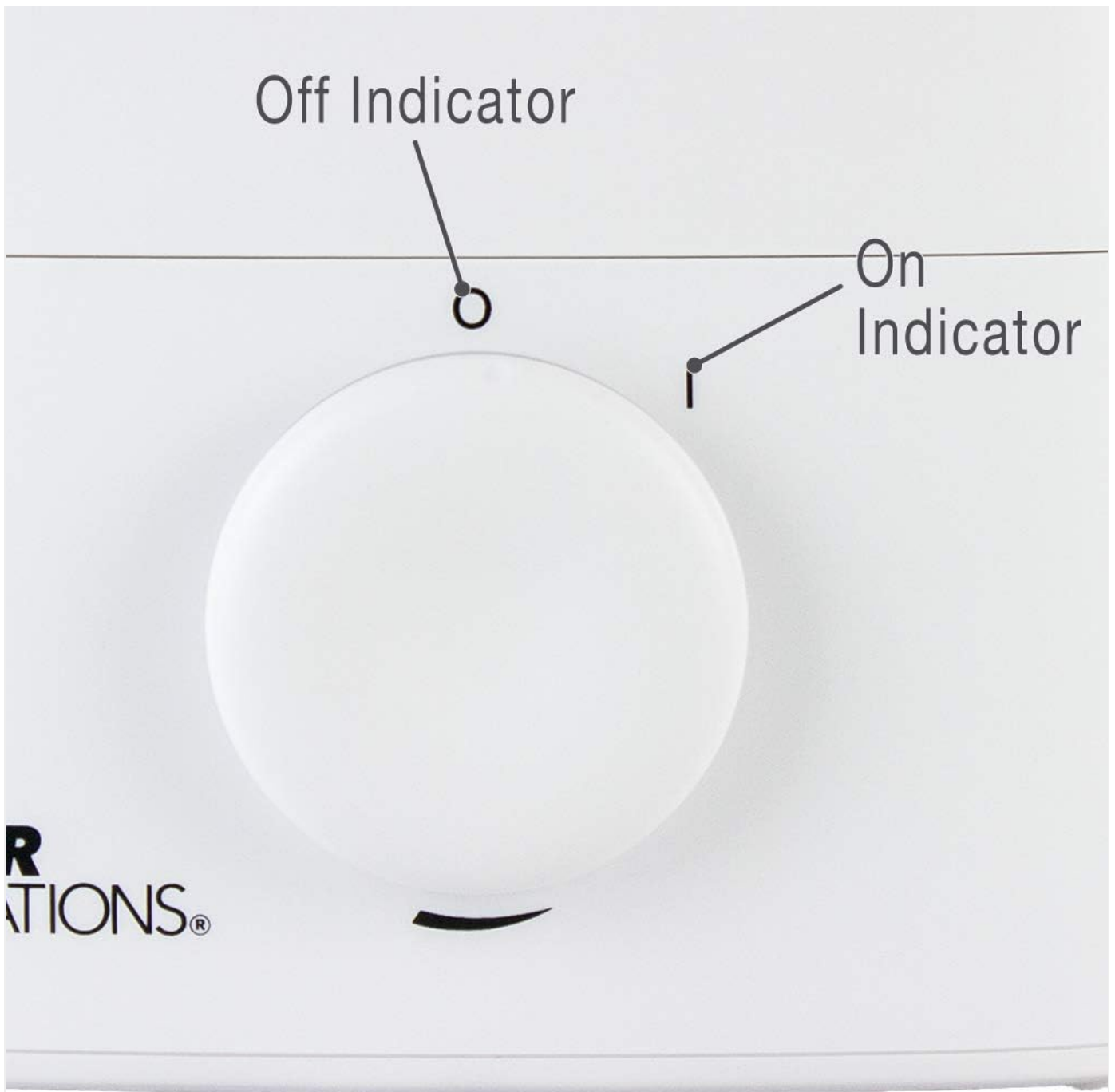


Image: Close-up of the control dial with 'O' for off and 'I' for on indicators.

SETUP INSTRUCTIONS

1. **Unpack the Humidifier:** Carefully remove all packaging materials from the box.
2. **Placement:** Place the humidifier on a firm, flat, level, and waterproof surface at least 6 inches away from walls and furniture. Ensure it is not placed directly on carpet or near heat sources.
3. **Remove Foam Pad:** Before first use, lift the water tank off the base. Locate and remove the foam pad from the sensor area within the base unit. This step is crucial for proper operation and to prevent leakage.

How To Avoid Leakage From Humidifier



1. Make sure Humidifier is perfectly level on the surface.



2. Lift tank off of base.



3. Remove foam pad from sensor.

Image: Visual guide showing how to ensure the humidifier is level, lift the tank off the base, and remove the foam pad from the sensor to prevent leakage.

4. Fill the Water Tank:

- Remove the top cover of the humidifier.
- Pour clean, cool tap water directly into the water tank. Distilled water is recommended to minimize mineral buildup and extend product life.
- Do not fill past the maximum fill line.
- Replace the top cover securely.



Image: A hand pouring water from a pitcher into the top opening of the humidifier, demonstrating the top-fill feature.

5. **Connect Power:** Plug the power cord into a standard electrical outlet.

OPERATING INSTRUCTIONS

1. **Power On/Off:** Turn the control dial clockwise from the 'O' (Off) position to the 'I' (On) position to power on the humidifier. Turn counter-clockwise to power off.
2. **Adjust Mist Output:** Rotate the control dial to adjust the mist output level. Turn clockwise for higher mist output and counter-clockwise for lower mist output.

3. **Continuous Operation:** The humidifier can run for up to 70 hours on the lowest setting with a full 4.5L tank.
4. **Automatic Shut-off:** The unit will automatically shut off when the water level is too low. The indicator light may change color or turn off to signal this. Refill the tank to resume operation.

Sleep Better! Feel Better! Look Better!



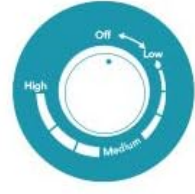
70 Hour
Run Time



1.2 Gal
Tank



Silent
Operation



Variable Mist
Control Dial



Image: Overview of key features including 70-hour run time, 4.5L tank, silent operation, and variable mist control dial.

MAINTENANCE AND CLEANING

Regular cleaning is essential for optimal performance and hygiene. Unplug the humidifier before cleaning.

1. **Daily Maintenance:**

- Empty any remaining water from the tank and base.
- Rinse the tank and base with fresh water.
- Wipe down all surfaces with a clean, dry cloth.

2. Weekly Cleaning (Mineral Deposits):

- If using tap water, mineral deposits (white or orange tint) may accumulate.
- Mix a solution of equal parts white vinegar and water.
- Pour the solution into the base and let it soak for 20-30 minutes.
- Use a soft brush or cloth to gently scrub away any mineral buildup on the ultrasonic transducer and other internal surfaces.
- Rinse thoroughly with clean water until the vinegar smell is gone.
- Do not submerge the base unit in water.



Image: Top-down view of the humidifier's base unit, showing the internal components including the ultrasonic transducer.

3. **Storage:** When not in use for extended periods, clean the humidifier thoroughly, ensure all parts are dry, and store in a cool, dry place.

Problem	Possible Cause	Solution
No mist or very little mist.	<ul style="list-style-type: none"> • Low water level. • Mineral buildup on transducer. • Humidifier not level. • Foam pad not removed (first use). 	<ul style="list-style-type: none"> • Refill water tank. • Clean the ultrasonic transducer as per maintenance instructions. • Ensure humidifier is on a flat, level surface. • Verify foam pad has been removed from the base.
Water leakage.	<ul style="list-style-type: none"> • Humidifier not level. • Foam pad not removed. • Tank or base not properly seated. 	<ul style="list-style-type: none"> • Ensure humidifier is on a flat, level surface. • Verify foam pad has been removed from the base. • Re-seat the water tank firmly onto the base.
Unusual noise.	<ul style="list-style-type: none"> • Low water level. • Foreign object in the base. 	<ul style="list-style-type: none"> • Refill water tank. • Unplug and inspect the base for any obstructions.
White dust around humidifier.	Hard water mineral content.	Use distilled or demineralized water. Clean the unit regularly.

SPECIFICATIONS

- **Model:** MH-419
- **Brand:** Air Innovations
- **Operation Mode:** Ultrasonic Cool Mist
- **Water Tank Capacity:** 4.5 Liters (1.2 Gallons)
- **Maximum Run Time:** Up to 70 hours (on low setting)
- **Recommended Room Size:** Up to 400 sq ft
- **Special Features:** Top-fill design, Variable Mist Control, Auto Shut-off, Silent Operation
- **Item Weight:** 5.04 pounds (2.29 Kilograms)
- **Dimensions:** Approximately 13.07 x 9.53 x 9.06 inches
- **UPC:** 180104005719

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Air Innovations customer service. Details are typically provided with your product packaging or on the official Air Innovations website.

It is recommended to keep your purchase receipt as proof of purchase for warranty claims.

