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> [Honeywell Home HE240A Whole House Humidifier Instruction Manual](#)

Honeywell HE240A

Honeywell Home HE240A Whole House Humidifier Instruction Manual

Model: HE240A

1. INTRODUCTION

The Honeywell Home HE240A Whole House Humidifier is designed to improve indoor air quality by balancing the humidity level throughout your home. This bypass flow-through humidifier is suitable for homes up to 3,000 square feet and integrates with your forced-air furnace system.

Key features include:

- Easy mounting on either warm air supply or return air duct.
- Flow-through design to minimize microorganism growth and reduce maintenance.
- PerfectFLO water distribution for optimized efficiency and water usage.
- Protection for wood floors and furnishings from drying and cracking.



Figure 1: Honeywell Home HE240A Whole House Humidifier. This image shows the main unit with its white casing and red accents, including the bypass duct connection and water valve assembly.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or performing maintenance on this humidifier. Failure to follow these instructions could result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure power to the furnace and humidifier is disconnected before installation or servicing. All wiring must comply with local electrical codes.
- **Water Safety:** Turn off the water supply before installation or maintenance. Check for leaks after installation.
- **Installation:** Installation should be performed by a qualified HVAC technician or a knowledgeable individual with experience in furnace systems. Be aware of internal furnace components like AC coils when drilling.
- **Bypass Ducting:** Ensure bypass ducting is properly secured and routed away from hot furnace components, such as flue pipes, to prevent melting or damage.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

3. SETUP AND INSTALLATION

The HE240A humidifier is designed for straightforward installation on either the warm air supply or return air duct of any forced-air furnace. All necessary installation components are included with the unit.

3.1 Pre-Installation Checklist

- Verify that the humidifier is compatible with your furnace system.
- Gather necessary tools (e.g., drill, tin snips, screwdriver, level).
- Ensure adequate space around the chosen installation location for maintenance access.
- Turn off power to the furnace and shut off the main water supply.

3.2 Mounting Location

The humidifier can be mounted on either the supply or return air duct. Consider the following:

- **Supply Air Duct:** Provides slightly better humidification performance. Exercise caution to avoid drilling into the air conditioning coil.
- **Return Air Duct:** Often simpler to install due to fewer obstructions.

3.3 Water and Electrical Connections

- Connect the water supply line to the humidifier's water valve. Ensure a tight, leak-free connection.
- Route the drain line to a suitable drain. The flow-through design means water will continuously drain when the unit is operating.
- Wire the humidifier to the furnace control board or use the provided sail switch for activation when the furnace blower is running. The unit operates on 24 Volts.

After all connections are made, restore water and electrical power. Check for any leaks and ensure the unit powers on correctly.

4. OPERATING INSTRUCTIONS

The Honeywell Home HE240A Humidifier operates automatically to maintain desired humidity levels in your home.

4.1 Humidistat Control

Adjust the humidistat to your desired humidity level. A typical comfortable indoor humidity range is between 35% and 45%. The humidifier will activate when the furnace blower is running and the indoor humidity falls below the set point.

4.2 Seasonal Operation Switch

The unit features a seasonal operation switch, typically labeled "SUMMER" and "WINTER".

- **WINTER:** Set the switch to "WINTER" for humidification during heating seasons.
- **SUMMER:** Set the switch to "SUMMER" to disable humidification when it is not needed, such as during cooling seasons. This prevents unnecessary water usage.

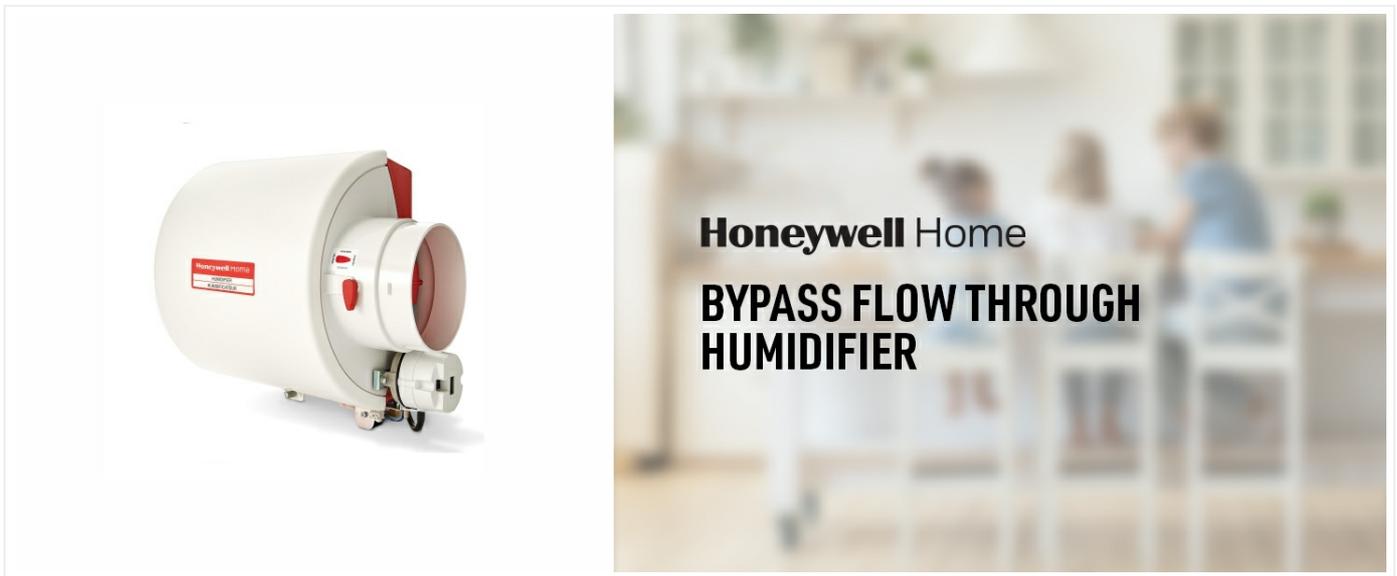


Figure 2: Humidifier control panel showing the Summer/Winter switch. This image illustrates the user-adjustable switch for seasonal operation.

4.3 PerfectFLO Water Distribution

The PerfectFLO system ensures optimal water distribution over the humidifier pad, maximizing efficiency and minimizing water waste while the unit is active. The flow-through design continuously flushes the pad, reducing mineral buildup and the growth of microorganisms.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your humidifier. The flow-through design inherently reduces maintenance frequency compared to other humidifier types.

5.1 Humidifier Pad Replacement

The humidifier pad (also known as the evaporator pad or filter) should be inspected periodically and replaced at least once per heating season, or more frequently in areas with hard water. A clogged or mineral-laden pad reduces humidification efficiency.

1. Turn off power to the furnace and humidifier, and shut off the water supply to the humidifier.
2. Open the humidifier cover.
3. Remove the old humidifier pad and discard it.
4. Clean any mineral deposits from the humidifier tray and housing.
5. Install a new, genuine Honeywell replacement pad, ensuring it is correctly oriented.
6. Close the humidifier cover, restore water and electrical power, and check for proper operation.

5.2 Cleaning

Periodically clean the humidifier's internal components, especially the water distribution tray, to remove any mineral buildup. Use a mild detergent and water, or a vinegar solution for stubborn deposits. Rinse thoroughly before reassembly.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Honeywell Home HE240A Humidifier.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Humidifier not producing humidity	<ul style="list-style-type: none"> Power off or loose wiring Water supply off or clogged Humidistat set too low Seasonal switch in "SUMMER" position Clogged humidifier pad 	<ul style="list-style-type: none"> Check electrical connections and furnace power. Ensure water supply valve is open and water line is clear. Increase humidistat setting. Set seasonal switch to "WINTER". Replace humidifier pad.
Water leaking from unit	<ul style="list-style-type: none"> Loose water connections Clogged drain line Damaged housing or pad 	<ul style="list-style-type: none"> Tighten all water connections. Clear any obstructions from the drain line. Inspect unit for damage; replace if necessary.
Excessive humidity / Condensation	<ul style="list-style-type: none"> Humidistat set too high Improper ventilation 	<ul style="list-style-type: none"> Lower humidistat setting. Ensure proper home ventilation.

If problems persist after attempting these solutions, contact a qualified HVAC technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Honeywell Home
Model Name	HE240A
Part Number	HE240A2001
Type	Bypass Flow-Through Humidifier
Operation Mode	Evaporative
Coverage Area	Up to 3,000 square feet
Voltage	24 Volts
Control Method	Touch (Humidistat)
Product Dimensions	9.5"D x 15.75"W x 15.75"H
Item Weight	5 Pounds
Included Components	All installation components
Special Feature	PerfectFLO water distribution optimizes efficiency and water usage

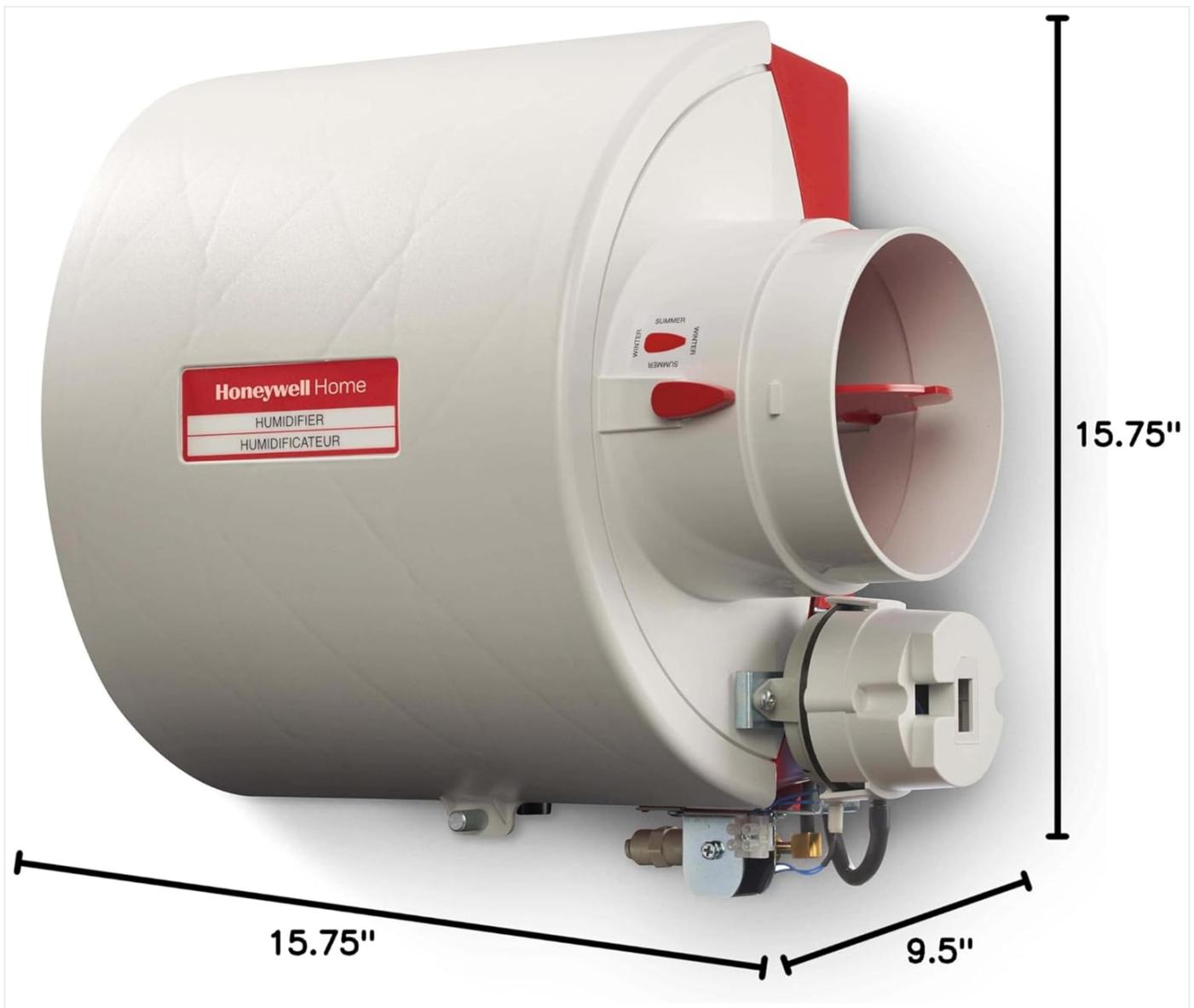


Figure 3: Honeywell Home HE240A Humidifier with indicated dimensions. This image provides a visual representation of the unit's depth, width, and height for installation planning.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Honeywell Home HE240A Whole House Humidifier comes with a **1-year limited warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use and service.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Honeywell Home customer support. Refer to the official Honeywell Home website for the most current contact information.

Online Resources: www.honeywellhome.com

