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## Honeywell Home HE240D2001/U

# Honeywell Home HE240D2001/U Whole Home Humidifier and Humidistat User Manual

Model: HE240D2001/U

## INTRODUCTION

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This manual provides instructions for the installation, operation, and maintenance of your Honeywell Home HE240D2001/U Whole Home Humidifier. This system is designed to integrate with your forced-air furnace to distribute moisture throughout your home, enhancing comfort and protecting wood furnishings.



*An overview of the Honeywell Home HE240D Whole Home Humidifier unit alongside its digital humidistat controller.*

## SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Disconnect power to the furnace and humidifier before performing any installation or maintenance. All wiring must comply with local electrical codes.
- **Water Safety:** Ensure all water connections are secure to prevent leaks. Turn off the water supply before servicing the unit.
- **Installation:** This humidifier must be installed by a qualified HVAC technician in accordance with the manufacturer's instructions. Improper installation can lead to operational issues or damage.
- **Maintenance:** Only use genuine Honeywell Home replacement parts. Regular maintenance is crucial for safe and efficient operation.

## PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Whole House Humidifier Unit
- Digital Humidistat with Outdoor Sensor
- Mounting Hardware
- User Guide (this document)

## SETUP AND INSTALLATION

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The HE240D Whole Home Humidifier is designed for mounting on either the warm air supply or return air duct of forced-air furnaces. Professional installation is highly recommended to ensure proper function and safety.

### Pre-Installation Requirements

- Access to a floor drain for the humidifier's drain line.
- Full access to air ducts for mounting and connections.
- Appropriate tools for cutting ductwork, plumbing, and electrical connections.

### Installation Steps Overview

This is a general overview. Refer to the detailed instructions provided with the unit for specific steps.

1. **Mount the Humidifier:** Securely attach the humidifier unit to the selected furnace ductwork using the provided mounting hardware.
2. **Connect Water Supply:** Connect the humidifier to a cold water supply line. Ensure all connections are watertight.
3. **Connect Drain Line:** Route the drain line from the humidifier to a suitable floor drain, ensuring a continuous downward slope for proper drainage.
4. **Wire the Humidistat and Humidifier:** Connect the digital humidistat and the humidifier unit to the furnace control board according to the wiring diagram. This typically involves low-voltage wiring.
5. **Test Operation:** Restore power and water, then test the humidifier's operation using the humidistat.



*The Honeywell Home HE240D Humidifier unit mounted on the side of a furnace duct, with water and electrical connections visible.*

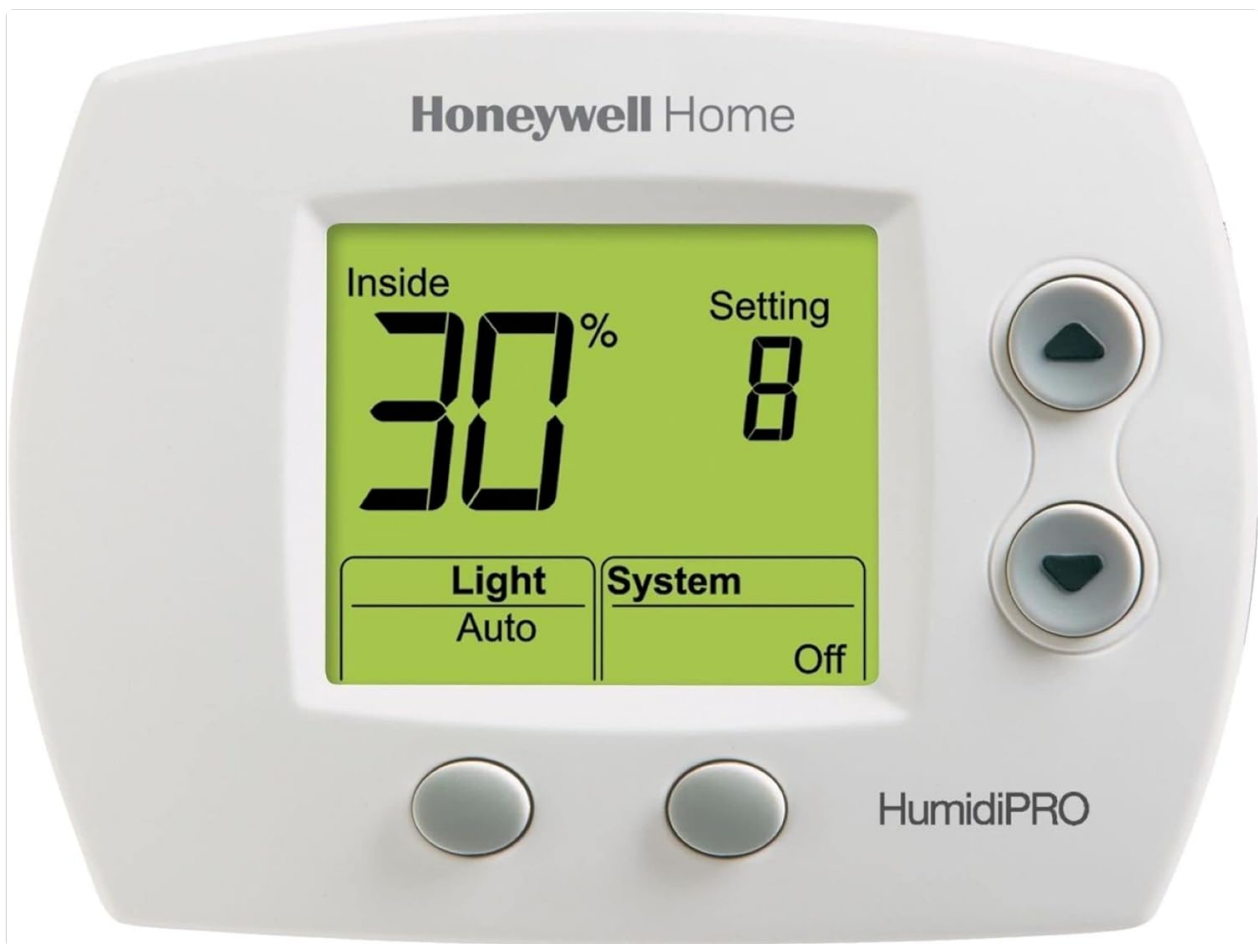
## OPERATING INSTRUCTIONS

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The included digital humidistat with an outdoor sensor controls the humidifier's operation, allowing for automatic humidity regulation.

### Setting Desired Humidity

- Use the up and down arrow buttons on the humidistat to adjust your desired humidity level.
- The humidistat will display the current indoor humidity and your set point.
- The unit will automatically turn on and off to maintain the preset humidity level, taking into account outdoor temperature to prevent window condensation.
- Ensure the humidistat is set to 'Auto' or 'On' for automatic operation.



*A close-up view of the digital humidistat display, showing current indoor humidity (30%) and the set humidity level (8).*

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your humidifier. Always disconnect power and water supply before performing maintenance.

### Humidifier Pad Replacement

- Seasonal humidifier pad replacement is required, typically once per heating season.
- Refer to your humidistat or unit for indicators that the pad needs replacement.
- To replace, turn off power and water, open the humidifier cover, remove the old pad, and insert a new genuine Honeywell Home replacement pad.
- Ensure the new pad is correctly oriented and seated.





*An internal view of the humidifier with the front cover removed, revealing the evaporative humidifier pad inside the red frame.*

## TROUBLESHOOTING

If you encounter issues with your humidifier, consult the following troubleshooting guide:

- **No Humidity Output:**

Check if the furnace fan is running. Verify the water supply valve is open. Ensure the humidistat is set to a humidity level higher than the current indoor humidity. Inspect the humidifier pad for clogs or incorrect installation. Check electrical connections for power to the unit and humidistat.

- **Water Leaks:**

Turn off the water supply immediately. Inspect all water connections (supply line, drain line) for tightness. Check the drain line for kinks or obstructions. Ensure the humidifier pad is not overwhelmed by water flow; if adjustable, reduce the flow.

- **Humidistat Issues (Unresponsive/Errors):**

Verify the humidistat has power and its wiring connections are secure. If the display is blank, check the power source. Consult the humidistat's specific user guide for error codes and their meanings.

- **Unit Not Turning On:**

Confirm that the furnace is operating and calling for heat or fan. Check the humidistat setting; it must be

calling for humidity. Verify all electrical connections are secure and receiving power. Ensure the solenoid valve is functioning correctly (if applicable).

## SPECIFICATIONS

Feature	Specification
Brand	Honeywell Home
Model	HE240D2001/U
Coverage Area	1,500-3,000 sq. ft.
Operation Mode	Evaporative
Item Weight	11.5 Pounds
Product Dimensions	15.75 x 9.5 x 15.75 inches
Included Components	Digital Humidistat, Mounting Hardware, User Guide, Whole House Humidifier
UPC	194159013827

## WARRANTY AND SUPPORT

### Warranty Information

This Honeywell Home HE240D2001/U Whole Home Humidifier comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for any warranty claims.


The warranty does not cover damage resulting from improper installation, misuse, abuse, unauthorized repairs, or failure to perform recommended maintenance.



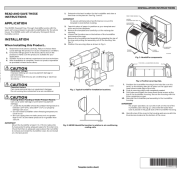

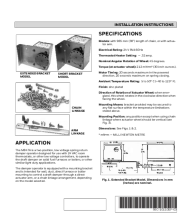
### Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Honeywell Home customer support. You can find contact details and additional resources, including FAQs and product registration, on the official Honeywell Home website:

[Honeywell Home Official Website](#)

## Related Documents - HE240D2001/U

	<p><a href="#">Honeywell Home HE240, HE280 Humidifier Installation Instructions</a></p> <p>Comprehensive installation guide for the Honeywell Home HE240 and HE280 whole-house humidifiers, covering safety precautions, preparation, installation steps, plumbing, wiring, testing, operation, maintenance, and troubleshooting.</p>
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	<p><a href="#">Honeywell Home HE360 Humidifier and Installation Kit: Installation Guide</a></p> <p>Comprehensive installation instructions for the Honeywell Home HE360 Humidifier and Installation Kit. Learn how to properly install, wire, and test your new humidifier for optimal performance and comfort.</p>
	<p><a href="#">Honeywell HE360 Humidifier Installation Instructions</a></p> <p>This document provides comprehensive installation, operation, maintenance, and troubleshooting instructions for the Honeywell HE360 Humidifier. It details how to improve indoor air quality and comfort by adding essential moisture to your home's air, and includes safety precautions, wiring diagrams, and maintenance schedules.</p>
	<p><a href="#">Honeywell Home HE365 Powered Flow-Through Humidifier Installation and Wiring Guide</a></p> <p>Comprehensive installation, wiring, and checkout instructions for the Honeywell Home HE365 Powered Flow-Through Humidifier. Learn how to safely and effectively install this whole-house humidifier.</p>
	<p><a href="#">Honeywell Home H600A Humidity Control: Installation and Specifications</a></p> <p>The Honeywell Home H600A is a humidity control designed to manage humidification and dehumidification equipment in residential settings. This document provides detailed specifications, installation instructions, and wiring diagrams for the H600A model.</p>
	<p><a href="#">Honeywell Home M847A Draft Damper Operator Installation Instructions</a></p> <p>Detailed installation instructions for the Honeywell Home M847A Draft Damper Operator. Covers application, specifications, mounting, wiring, and checkout procedures for this 24 VAC low-voltage damper control used in solid fuel furnaces and boilers.</p>