

# Aprilaire Humidifier Model 60 Manual

**Aprilaire®**

**8400 Series Thermostats**



## Owner's Manual

Includes  
Operating Instructions and  
Warranty Information

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## Aprilaire Humidifier Model 60 Manual

Maintaining optimal humidity levels in your home is essential for comfort, health, and preserving your living environment. One of the popular options available on the market today is the Aprilaire Humidifier Model 60. This article serves as a comprehensive manual to help you understand the functionality, installation, maintenance, and troubleshooting of this humidifier model. By the end of this guide, you will have a thorough understanding of how to operate and maintain your Aprilaire Humidifier Model 60 for optimal performance.

## Overview of the Aprilaire Humidifier Model 60

The Aprilaire Model 60 is a whole-house humidifier designed to work in conjunction with your home's heating and air conditioning system. This model utilizes a bypass design, which means that the humidifier draws air from the furnace system, adds moisture to it, and then returns it to the home. This allows for efficient humidification throughout the house.

## Key Features

- Capacity: The Model 60 can effectively humidify homes up to 4,000 square

feet.

- **Water Usage:** It uses approximately 12 gallons of water per day, depending on the humidity settings and environmental conditions.
- **Automatic Control:** Equipped with an automatic humidistat, the Model 60 can maintain desired humidity levels without manual adjustments.
- **Easy Maintenance:** Designed for user-friendly maintenance, the humidifier features a removable water panel for easy cleaning and replacement.

## **Installation of the Aprilaire Humidifier Model 60**

Installing the Aprilaire Model 60 humidifier is a straightforward process, but it does require some basic plumbing and electrical knowledge. Below is a step-by-step guide for installation.

### **Tools Required**

- Screwdriver
- Drill
- Adjustable wrench
- Level
- Tape measure
- Utility knife

### **Installation Steps**

1. **Choose the Location:** Select a suitable location for the humidifier, typically on the supply duct near the furnace. Ensure there is enough clearance around the unit for maintenance.
2. **Mark the Ductwork:** Use the template provided in the installation manual to mark the outline for the humidifier on the ductwork.
3. **Cut the Duct:** Carefully cut out the marked section using a utility knife. Be cautious to avoid damaging any surrounding ductwork.
4. **Install the Humidifier:** Position the humidifier on the duct, ensuring it sits level. Secure it in place using screws.
5. **Connect the Water Supply:** Attach the water supply line to the humidifier using the fittings provided. Ensure there are no leaks.
6. **Install the Humidistat:** Mount the humidistat in a location that accurately reflects the humidity in your home, typically centralized away from drafts

and direct sunlight.

7. **Electrical Connection:** Connect the humidifier to your home's electrical system following the wiring diagram in the manual. Ensure to turn off the power supply before working with electrical components.

8. **Test the System:** Once everything is connected, turn the power back on and test the humidifier to ensure it operates correctly.

## **Operating the Aprilaire Humidifier Model 60**

Once installed, operating the Aprilaire Model 60 is simple and intuitive. The humidifier is designed to monitor and maintain humidity levels automatically, but here's how you can manually adjust settings.

### **Setting the Humidity Level**

1. **Access the Humidistat:** Locate the humidistat installed in your home.
2. **Adjust the Settings:** Turn the dial to set your desired humidity level. The recommended indoor humidity level is between 30% and 50%.
3. **Monitor Performance:** Regularly check the humidistat to ensure that the humidity levels are maintained.

### **Seasonal Adjustments**

- **Winter:** During colder months, set the humidistat to a higher level to combat dry air.
- **Summer:** Lower the setting during the warmer months to prevent excess moisture, which can lead to mold growth.

## **Maintenance of the Aprilaire Humidifier Model 60**

Regular maintenance is essential to ensure your humidifier operates efficiently and effectively. Here's how to maintain your Model 60.

### **Cleaning the Water Panel**

1. **Frequency:** Check the water panel monthly and replace it at least once per heating season.

## 2. Replacement Process:

- Turn off the humidifier and shut off the water supply.
- Remove the access panel to reach the water panel.
- Carefully pull out the old water panel and dispose of it.
- Insert the new panel, making sure it fits securely.

## Cleaning the Humidifier Housing

- Use a damp cloth to wipe down the exterior of the humidifier.
- Ensure no dust or debris is obstructing the unit's operation.

## Annual Inspection

Conduct an annual inspection of the entire humidifier system, checking for leaks, any signs of wear, and ensuring all components are functioning correctly.

## Troubleshooting Common Issues

Despite its reliability, you may encounter some issues with your Aprilaire Model 60 humidifier. Below are some common problems and their solutions.

### No Humidity Output

- Check the Power Supply: Ensure the humidifier is plugged in and that the circuit breaker hasn't tripped.
- Inspect the Humidistat: Make sure the humidistat is set correctly and functioning.

### Water Leaks

- Inspect Connections: Check all water supply connections for leaks.
- Check the Water Panel: If the water panel is not seated correctly, it could cause leaks.

### Excessive Humidity

- Adjust the Humidistat: Lower the humidity setting on the humidistat.
- Check for Blockages: Ensure the humidifier's air intake and output are not

blocked.

## **Conclusion**

The Aprilaire Humidifier Model 60 is a reliable and efficient solution for maintaining optimal humidity levels in your home. By following the guidelines presented in this manual for installation, operation, maintenance, and troubleshooting, you can ensure that your humidifier provides comfort and health benefits for you and your family. Remember to regularly monitor and adjust settings according to seasonal changes and perform routine maintenance to extend the life of your humidifier. With proper care, the Aprilaire Model 60 will effectively enhance your indoor air quality for years to come.

## **Frequently Asked Questions**

### **Where can I find the manual for the Aprilaire Humidifier Model 60?**

The manual for the Aprilaire Humidifier Model 60 can be found on the official Aprilaire website under the 'Support' or 'Product Manuals' section.

### **What are the key features of the Aprilaire Humidifier Model 60?**

The key features of the Aprilaire Humidifier Model 60 include automatic humidity control, a built-in humidistat, and the ability to humidify homes up to 4,800 square feet.

### **How do I install the Aprilaire Humidifier Model 60?**

Installation instructions for the Aprilaire Humidifier Model 60 are detailed in the manual, which includes steps for mounting the unit, connecting it to the water supply, and wiring it to the thermostat.

### **What maintenance is required for the Aprilaire Humidifier Model 60?**

Regular maintenance for the Aprilaire Humidifier Model 60 includes replacing the water panel every 1-2 years and cleaning the unit to prevent mineral buildup and ensure efficient operation.

### **How do I troubleshoot common issues with the Aprilaire Humidifier Model 60?**

Common troubleshooting steps include checking the power supply, ensuring the

water supply is turned on, and verifying that the humidistat is set correctly. Refer to the manual for a detailed troubleshooting section.

## **Can the Aprilaire Humidifier Model 60 be used with a forced air heating system?**

Yes, the Aprilaire Humidifier Model 60 is designed to be compatible with forced air heating systems, enhancing indoor air quality by adding moisture to the air.

## **What type of water is recommended for the Aprilaire Humidifier Model 60?**

It is recommended to use soft water or distilled water in the Aprilaire Humidifier Model 60 to reduce mineral buildup and prolong the life of the unit.

## **Is the Aprilaire Humidifier Model 60 energy efficient?**

Yes, the Aprilaire Humidifier Model 60 is designed to be energy efficient, using minimal electricity while effectively maintaining desired humidity levels in your home.

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