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› [Aprilaire](#) /

› [AprilAire 700M Whole-House Humidifier and H735EZ1A Water Panel Replacement Kit User Manual](#)

Aprilaire 700M

AprilAire 700M Whole-House Humidifier and H735EZ1A Water Panel Replacement Kit User Manual

Model: 700M

1. PRODUCT OVERVIEW

The AprilAire 700M is a large capacity whole-house humidifier designed to maintain optimal humidity levels in homes up to 5,300 square feet. This bundle includes the AprilAire H735EZ1A Whole-Home Humidifier Water Panel Filter Assembly Replacement Kit, ensuring easy maintenance and continued performance.

Maintaining indoor humidity between 40% and 60% can help reduce respiratory infections, minimize bacteria, viruses, fungi, and dust mites, and preserve household items susceptible to dry conditions.



Figure 1: AprilAire 700M Whole-House Humidifier unit.

2. WHAT'S IN THE BOX

The AprilAire 700M Humidifier and H735EZ1A Replacement Kit bundle includes the following components:

- AprilAire 700M Whole-House Humidifier Unit
- Fully assembled H735EZ1A Water Panel Replacement Kit, which includes:
 - Water Panel (measures 10" H x 13" L x 1.75" W)
 - Scale Control Insert
 - Water Distribution Tray
- Standard control with a single sensor for manual humidity setting.
- Installation hardware (specific items may vary, refer to packaging).

3. SETUP AND INSTALLATION

The AprilAire 700M Humidifier is designed for whole-house integration, typically with your existing furnace system. Professional installation is recommended to ensure proper function and safety.

3.1 Key Installation Features:

- **Built-in Fan:** The unit features a built-in fan that pulls heated air directly from the furnace through the humidifier, distributing humidified air throughout your home.
- **Furnace Integration:** Designed to work with all brands of heating and cooling equipment.
- **Manual Control:** Equipped with a standard control that monitors indoor relative humidity, allowing for manual adjustment of the desired humidity percentage.



Figure 2: AprilAire humidifiers are compatible with various HVAC systems.

3.2 Pre-Installation Checks:

1. Ensure the installation location allows for proper drainage and access for maintenance.
2. Verify electrical requirements match your home's supply. The unit is corded electric.
3. Confirm all components listed in "What's in the Box" are present.

For detailed installation instructions, refer to the separate installation guide provided with the humidifier unit.

4. OPERATING INSTRUCTIONS

The AprilAire 700M features manual humidity control, allowing you to set your desired humidity level.

4.1 Setting Humidity Levels:

1. Locate the standard control unit, which monitors indoor relative humidity.
2. Adjust the control dial or buttons to your preferred humidity percentage. AprilAire recommends maintaining humidity between 40% and 60% for optimal health and comfort.
3. The humidifier will automatically activate and deactivate to maintain the set humidity level.

Note: Environmental factors such as outdoor temperature and home insulation can affect the achievable indoor humidity. Adjust settings as needed for comfort and to prevent condensation.

5. MAINTENANCE

Regular maintenance, particularly the replacement of the water panel assembly, is crucial for the efficient and healthy operation of your AprilAire humidifier.

5.1 Water Panel Replacement (H735EZ1A Kit):

The H735EZ1A kit is designed for fast and simple replacement, eliminating mess and cleanup. It is compatible with AprilAire Whole-House Humidifier Models 700, 700A, and 700M.

1. **Frequency:** Replace the water panel assembly at least once per heating season, or more frequently in areas with hard water or heavy usage.
2. **Preparation:** Turn off the power to your humidifier and the furnace before beginning. Close the water supply valve to the humidifier.
3. **Removal:** Open the humidifier's access panel. Carefully remove the old water panel assembly, which includes the water panel, scale control insert, and water distribution tray. Dispose of the old assembly responsibly.
4. **Installation:** Insert the new H735EZ1A fully assembled replacement kit into the humidifier. Ensure it is seated correctly.
5. **Completion:** Close the access panel. Reopen the water supply valve and restore power to the humidifier and furnace.

The water panel in this assembly measures 10" H x 13" L x 1.75" W, ensuring a perfect fit for specified models.

6. TROUBLESHOOTING

If your AprilAire 700M Humidifier is not operating as expected, consider the following common issues:

- **No Humidity Output:**
 - Check if the power supply to the humidifier and furnace is on.
 - Ensure the water supply valve to the humidifier is open.
 - Verify the humidity control setting is above the current indoor humidity level.
 - Inspect the water panel for excessive mineral buildup; replace if necessary.
- **Excessive Humidity/Condensation:**
 - Lower the humidity control setting.
 - Ensure proper ventilation in your home.
- **Unusual Noises:**

- Check for loose components or obstructions within the unit.
- Ensure the water panel is correctly installed.

For persistent issues, consult a qualified HVAC technician or contact AprilAire customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Aprilaire
Model Name	700M
Coverage Area	Up to 5,300 sq. ft. (in tightly built homes)
Capacity	18 Gallons per day (G/day)
Operation Mode	Manual
Special Feature	Built-in Furnace Integration, Manual Humidity Control
Color	White
Power Source	Corded Electric
Water Panel Dimensions (H735EZ1A)	10" H x 13" L x 1.75" W
Compatible Humidifier Models (for H735EZ1A)	700, 700A, 700M

8. WARRANTY AND SUPPORT

AprilAire products are designed and manufactured in the USA, reflecting a commitment to quality and reliability.

For specific warranty details, please refer to the warranty card included with your product or visit the official AprilAire website. Keep your proof of purchase for warranty claims.

For technical support, replacement parts, or further assistance, please contact AprilAire customer service through their official website or the contact information provided in your product packaging.