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Maid-O'-Mist No. 67 Auto-Vent

Maid O' Mist No. 67 Auto-Vent Instruction Manual

Model: No. 67 Auto-Vent

Brand: Maid-O'-Mist

Introduction

The Maid-O'-Mist No. 67 Auto-Vent is an automatic air vent designed for use in hot water heating systems. Its primary function is to continuously and automatically eliminate air from the system, which can improve heating efficiency and prevent noise. This manual provides essential information for the proper installation, operation, and maintenance of your Auto-Vent.

Product Overview



Figure 1: Front view of the Maid O' Mist No. 67 Auto-Vent. This image displays the copper-finished body with a polished brass cover and the top vent cap.



Figure 2: Angled view of the Maid O' Mist No. 67 Auto-Vent, showing the threaded connection at the bottom and the vent mechanism at the top.

The Maid-O'-Mist No. 67 Auto-Vent features a durable copper finish with a polished brass cover. It is designed for vertical mounting and connects to your system via a 1/8" I.P. male connection. It is suitable for systems operating at pressures up to 50 lbs.

Setup and Installation

1. **Safety First:** Before beginning installation, ensure the heating system is turned off, and the water supply to the relevant section is shut off. Allow the system to cool down.
2. **Drain System:** Partially drain the heating system from its lowest point until the pressure is relieved and the water level is below the installation point of the vent.
3. **Remove Old Vent (if applicable):** Carefully remove the existing air vent. If the old vent is corroded, channel locks may be used to crush and remove it.
4. **Install New Vent:** Thread the Maid-O'-Mist No. 67 Auto-Vent into the 1/8" I.P. female connection point. Ensure it is mounted vertically for proper operation. Hand-tighten, then use a wrench for a snug fit, but do not overtighten.
5. **Optional Shut-Off Valve:** For easier future maintenance and replacement, consider installing an AS-9 shut-off valve (sold separately) between the system and the Auto-Vent. This allows for vent replacement without draining the entire system.
6. **Activate Vent:** Locate the small cap at the very top of the Auto-Vent. Loosen this cap slightly (approximately one full turn counter-clockwise) to allow air to escape. Do not remove it completely.
7. **Refill System:** Slowly refill the heating system, ensuring all air is purged. Monitor the Auto-Vent for proper operation as the system repressurizes.
8. **Check for Leaks:** After refilling and repressurizing, carefully inspect all connections for any signs of leaks.

Operating Instructions

Once installed and the system is operational, the Maid-O'-Mist No. 67 Auto-Vent functions automatically. Air accumulating in the heating system will rise to the vent, where it is released through the slightly loosened top cap. Water will then seal the vent, preventing water leakage.

- Ensure the top cap remains slightly loosened for continuous air venting.
- The vent is designed to operate silently, but you may occasionally hear a slight hiss as air is released.

Maintenance

The Maid-O'-Mist No. 67 Auto-Vent is designed for minimal maintenance. However, periodic checks are recommended:

- **Visual Inspection:** Regularly inspect the vent for any signs of corrosion, mineral deposits, or water leakage.
- **Functionality Check:** If you notice air accumulation in your heating system (e.g., cold spots in radiators, gurgling noises), check the vent's operation. Ensure the top cap is still slightly open.
- **Cleaning:** Avoid using harsh chemicals for cleaning. A soft, damp cloth is sufficient for external cleaning. Do not attempt to disassemble the internal components.
- **Lifespan:** Auto-vents have a finite lifespan. Over time, mineral deposits can build up internally, affecting their performance. If the vent consistently fails to operate correctly or begins to leak, replacement is recommended.

Troubleshooting

If you encounter issues with your Maid-O'-Mist No. 67 Auto-Vent, consider the following:

- **Vent is Leaking:**
  - Ensure the top cap is not overtightened or completely closed. It should be slightly open.
  - Check the connection point for proper sealing.
  - If the vent itself is dripping or leaking from the body, it may have failed internally due to age or mineral buildup and requires replacement.
- **System Still Has Air (Cold Radiators, Gurgling Noises):**
  - Verify the top cap is sufficiently loosened.
  - Confirm the vent is installed vertically.
  - The vent may be clogged with mineral deposits. Gently tap the vent (while the system is off and cool) to dislodge any blockages, then recheck. If this does not resolve the issue, the vent may need replacement.
  - Ensure the system pressure is within the recommended range (up to 50 lbs.).

If troubleshooting steps do not resolve the issue, professional assistance from a qualified heating technician is recommended.

Specifications

Feature	Detail
Model Name	Maid O' Mist No. 67 Auto-Vent
Part Number	#67AV
Brand	Maid-O'-Mist
Material	Plastic (internal components), Copper (finish), Brass (exterior finish/cover)
Color	Copper
Item Dimensions (L x W x H)	2 x 2 x 4 inches

Feature	Detail
Item Weight	0.2 Pounds (approx. 3.2 ounces)
Connector Type	Threaded
Thread Size	1/8 IP
Thread Type	NPT
Maximum Pressure	Up to 50 lbs.
Mounting	Vertical
UPC	685296001025

Warranty Information

The Maid-O'-Mist No. 67 Auto-Vent comes with a manufacturer's warranty. For specific details regarding coverage, duration, and claims procedures, please refer to the warranty documentation included with your product packaging or visit the official Maid-O'-Mist website.

Support

For further assistance, technical support, or inquiries not covered in this manual, please contact Maid-O'-Mist customer service through their official website or the contact information provided on the product packaging. When contacting support, please have your product model number (No. 67 Auto-Vent) and any relevant purchase information ready.

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