

Mi-T-M AW-7300-0004

Mi-T-M AW-7300-0004 Rotating Nozzle Instruction Manual

Model: AW-7300-0004

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1. SAFETY INFORMATION

Before operating the Mi-T-M AW-7300-0004 Rotating Nozzle, carefully read and understand all instructions provided in this manual and your pressure washer's instruction manual. Failure to follow these instructions can result in serious injury or property damage.

- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and hearing protection, when operating a pressure washer and its accessories.
- **High Pressure Hazard:** This nozzle operates at high pressure. Never point the nozzle at people, pets, or electrical components. The high-pressure spray can cause severe injuries.
- **Secure Connections:** Ensure all connections, including the nozzle to the wand and the wand to the pressure washer, are securely fastened before starting operation. Loose connections can lead to leaks or detachment under pressure.
- **Inspect Before Use:** Before each use, inspect the nozzle for any signs of damage, wear, or blockages. Do not use a damaged nozzle.
- **Test Surface:** Always test the spray pattern and pressure on an inconspicuous area before cleaning the main surface to prevent damage.
- **Children and Pets:** Keep children and pets away from the work area during operation.

2. PRODUCT OVERVIEW

The Mi-T-M AW-7300-0004 Rotating Nozzle is designed for heavy-duty cleaning tasks, providing a powerful, oscillating spray that effectively removes stubborn dirt, grime, and coatings. Its rotating action creates a wider cleaning path than a standard pinpoint nozzle, enhancing efficiency for demanding applications.



An image showing the Mi-T-M AW-7300-0004 Rotating Nozzle. It features a brass body with a black, ribbed rotating head and a quick-connect inlet.

Key Features:

- **Heavy-Duty Construction:** Built with durable components for extended life and reliability.
- **Rotating Spray:** Delivers a powerful, conical spray pattern for aggressive cleaning.
- **Quick Connect:** Features a quick-connect inlet for easy attachment and detachment.
- **Integrated Filter:** Includes an internal filter to prevent debris from entering the nozzle mechanism.

3. SETUP

Follow these steps to properly attach the rotating nozzle to your pressure washer system:

1. **Ensure Pressure Washer is Off:** Before attaching or detaching any accessories, ensure your pressure washer is turned off and the water supply is disconnected. Release any residual pressure by squeezing the trigger gun.
2. **Inspect Nozzle:** Check the rotating nozzle for any debris or damage. Ensure the quick-connect fitting is clean.
3. **Attach to Wand:** Pull back the collar on the quick-connect fitting of your pressure washer wand. Insert the rotating nozzle's quick-connect plug into the fitting.
4. **Secure Connection:** Release the collar on the wand's quick-connect fitting. Tug on the nozzle to ensure it is securely locked in place. A proper connection will prevent the nozzle from detaching during operation.
5. **Reconnect Water and Power:** Once the nozzle is securely attached, reconnect the water supply and power to your pressure washer.

4. OPERATION

The rotating nozzle is designed for aggressive cleaning. Use it with caution and follow these guidelines:

- **Start Pressure Washer:** Turn on your pressure washer according to its operating instructions.
- **Test Area First:** Always begin by testing the nozzle on a small, inconspicuous area of the surface you intend to clean. This helps determine the appropriate distance and technique to avoid damage.
- **Maintain Distance:** Hold the nozzle a safe distance from the cleaning surface, typically 6-12 inches, and adjust as needed. Closer distances increase pressure and can damage softer materials.
- **Consistent Motion:** Use a steady, sweeping motion to clean surfaces. Avoid holding the nozzle in one spot for too long, as this can cause etching or damage.

- **Avoid Delicate Surfaces:** Do not use the rotating nozzle on delicate surfaces such as painted wood, soft plastics, or areas with loose mortar, as the intense spray can cause irreversible damage.
- **Observe Results:** Monitor the cleaning progress and adjust your technique or distance as necessary to achieve desired results without damaging the surface.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your rotating nozzle.

- **Rinse After Use:** After each use, disconnect the nozzle and rinse it thoroughly with clean water to remove any chemical residues or debris.
- **Check for Blockages:** Periodically inspect the nozzle orifice for any blockages. If clogged, use a small wire or nozzle cleaning tool to carefully clear the obstruction. Do not use sharp objects that could damage the orifice.
- **Inspect for Wear:** Regularly check the nozzle for signs of wear, cracks, or damage to the rotating mechanism. Replace the nozzle if it shows significant wear or is not performing correctly.
- **Lubrication (if applicable):** Refer to your pressure washer or nozzle manufacturer's guidelines for any recommended lubrication of moving parts.
- **Storage:** Store the nozzle in a clean, dry place, protected from freezing temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Mi-T-M AW-7300-0004 Rotating Nozzle, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Nozzle not rotating or rotating slowly	• Debris inside the nozzle • Low water pressure from the pressure washer • Worn internal components	• Disconnect and clean the nozzle, checking for obstructions. • Verify your pressure washer is operating at its rated pressure. • If cleaning does not resolve the issue, the nozzle may need replacement.
Reduced pressure or inconsistent spray	• Partial blockage in the nozzle orifice • Insufficient water supply to the pressure washer • Air in the pressure washer system	• Clean the nozzle orifice. • Ensure the water supply hose is fully open and free of kinks. • Bleed air from the pressure washer pump as per its manual.
Water leaking from connections	• Loose quick-connect fitting • Damaged O-rings or seals	• Ensure the quick-connect fitting is fully engaged and locked. • Inspect O-rings and seals on the nozzle and wand; replace if damaged.

7. SPECIFICATIONS

Detailed technical specifications for the Mi-T-M AW-7300-0004 Rotating Nozzle:

- Model Number:** AW-7300-0004
- Brand:** Mi-T-M
- Valve Type:** Rotating Nozzle
- Orifice Size:** 4 inch
- Maximum Operating Pressure:** 5100 PSI (Pound per Square Inch)
- Temperature Rating:** 212°F (100°C)
- Material:** Metal (Stainless Steel Exterior Finish)
- Inlet Connection Type:** Cutting Ring
- Inlet Connection Size:** 3.5 Inches
- Outlet Connection Type:** Quick Connect
- Outlet Connection Size:** 4 Inches
- Item Dimensions (L x W x H):** 3 x 2 x 8 inches
- Item Weight:** 1.09 Pounds
- Specification Met:** ASME B16.34

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to inquire about replacement parts, please contact Mi-T-M Corporation directly. Keep your purchase receipt and model number (AW-7300-0004) readily available when contacting customer service.

Contact information for Mi-T-M Corporation can typically be found on their official website or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question