

Mi-T-M AW-8400-0021

Mi-T-M AW-8400-0021 Pressure Washer Chemical Injector Instruction Manual

INTRODUCTION

This manual provides instructions for the safe and effective use of your Mi-T-M AW-8400-0021 Pressure Washer Chemical Injector. This accessory is designed to introduce cleaning solutions into the water stream of your pressure washer, enhancing cleaning performance. Please read this manual thoroughly before installation and operation.

IMPORTANT SAFETY INFORMATION

WARNING: Always follow all safety instructions provided with your pressure washer. Failure to do so can result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including eye protection, when operating a pressure washer and its accessories.
- Ensure all connections are secure before operating the pressure washer.
- Never point the spray gun at people, pets, or electrical equipment.
- Use only detergents and chemicals approved for pressure washer use. Follow chemical manufacturer's instructions for dilution and handling.
- Disconnect the chemical injector and pressure washer from the power source and water supply before performing any maintenance or adjustments.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Mi-T-M AW-8400-0021 Chemical Injector
- Siphon hose with filter

- Instruction Manual (this document)

Note: No assembly is required for the chemical injector unit itself.

SETUP AND INSTALLATION

The Mi-T-M AW-8400-0021 Chemical Injector is designed for quick connection to compatible pressure washers.

1. **Prepare Pressure Washer:** Ensure your pressure washer is turned off and disconnected from its water supply and power source. Relieve any residual pressure in the system.
2. **Connect Injector:** The chemical injector typically connects between the high-pressure outlet of your pressure washer pump and the high-pressure hose. It is designed to work with most Quick Connect units. Ensure your pressure washer has a compatible female quick disconnect fitting on its outlet port.



Image: Mi-T-M AW-8400-0021 Chemical Injector. This image shows the main unit with its quick-connect fittings, ready for installation between the pressure washer pump and the high-pressure hose.

3. **Attach Siphon Hose:** Connect the siphon hose to the chemical injector. Place the filter end of the siphon hose into your container of pressure washer-approved cleaning solution. For optimal performance, ensure the filter remains submerged.
4. **Secure Connections:** Double-check all quick-connect fittings to ensure they are fully seated and secure to prevent leaks during operation.

IMPORTANT: This product will not work if using more than 50 feet of high-pressure hose between the injector and the spray gun. Using longer hoses can prevent proper chemical draw.

OPERATION

To effectively use the chemical injector, a low-pressure spray tip (typically a black tip) must be used with your pressure washer. High-pressure tips will not allow the injector to draw detergent.

1. **Select Low-Pressure Tip:** Attach the appropriate low-pressure (black) spray tip to your pressure washer wand.
2. **Prepare Detergent:** Ensure the siphon hose filter is submerged in your chosen pressure washer-safe cleaning solution.
3. **Start Pressure Washer:** Turn on your pressure washer and water supply.
4. **Apply Detergent:** Squeeze the trigger gun. The chemical injector will begin to draw detergent and mix it with the water stream at a low pressure. Apply the solution to the surface you intend to clean.
5. **Rinse:** After applying detergent, switch to a high-pressure spray tip (e.g., 0°, 15°, 25°, 40° white, yellow, green, or red tips) to rinse the surface. The chemical injector will automatically stop drawing detergent when a high-pressure tip is used.

The injector may have an adjustment feature to control the amount of soap drawn. Refer to the unit itself for specific adjustment mechanisms.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your chemical injector.

- **Flush After Use:** After each use, flush the chemical injector by placing the siphon hose into a bucket of clean water and running the pressure washer with a low-pressure tip until all detergent residue is cleared from the injector. This prevents chemical buildup and clogging.
- **Inspect Connections:** Regularly inspect all quick-connect fittings and hoses for wear, damage, or leaks. Replace any damaged components immediately.
- **Clean Filter:** Periodically clean the filter at the end of the siphon hose to ensure unrestricted chemical flow.
- **Storage:** Store the chemical injector in a clean, dry, and frost-free environment when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Injector not drawing soap	◦ High-pressure tip in use ◦ Siphon hose kinked or clogged ◦ Filter clogged ◦ Air leak in siphon hose connection ◦ Detergent container empty ◦ Hose length exceeds 50 feet	◦ Switch to a low-pressure (black) spray tip. ◦ Check and clear siphon hose. ◦ Clean the siphon hose filter. ◦ Ensure all connections are tight. ◦ Refill detergent container. ◦ Reduce high-pressure hose length to under 50 feet.
Leaks at connections	◦ Loose quick-connect fittings ◦ Damaged O-rings or seals	◦ Ensure fittings are fully seated and secure. ◦ Inspect and replace damaged O-rings or seals.

SPECIFICATIONS

- **Model:** AW-8400-0021
- **Product Dimensions:** 10 x 6.25 x 2 inches
- **Item Weight:** 12.6 ounces
- **Compatibility:** Designed for use with Mi-T-M pressure washers and most Quick Connect units.
- **Function:** Chemical/Detergent Injection (downstream)

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Mi-T-M customer service directly. Keep your purchase receipt as proof of purchase.

Mi-T-M Corporation

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