

Zerodis Zerodisovgbr6wnf1

Zerodis Pressure Washer Downstream Chemical Injector Kit

Instruction Manual for Model Zerodisovgbr6wnf1

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Zerodis Pressure Washer Downstream Chemical Injector Kit. Please read this manual thoroughly before installation and operation. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The Zerodis Downstream Chemical Injector Kit is designed to introduce cleaning solutions into the water stream of your pressure washer after the pump, protecting internal components from corrosive chemicals. It is compatible with pressure washers up to 5000 PSI and features a 3/8 inch quick connector for easy integration.

2.1 Components Included

- 1 x Transparent Tube (Hose)
- 1 x Chemical Injector Assembly (Brass/Stainless Steel)
- 1 x Filter (for chemical intake)
- 1 x Nozzle (65° Injector)
- 2 x Water Adhesive Tape (PTFE Tape)



Image 1: All components of the Zerodis Pressure Washer Downstream Chemical Injector Kit, including the transparent hose, brass injector assembly, filter, and PTFE tape.



Image 2: The chemical injector assembly connected to the transparent hose with the filter attached, ready for chemical intake.



Image 3: A detailed view of the brass and stainless steel components of the chemical injector, showing the quick-connect fittings.

3. SAFETY INFORMATION

Always observe safety precautions when operating pressure washing equipment and handling chemicals. Failure to follow these instructions may result in injury or property damage.

- **Read Pressure Washer Manual:** Always refer to your pressure washer's instruction manual for specific safety guidelines.
- **Wear Personal Protective Equipment (PPE):** Use safety glasses, gloves, and appropriate clothing to protect against chemical splashes and high-pressure spray.
- **Chemical Handling:** Follow all safety instructions provided by the chemical manufacturer. Do not mix incompatible chemicals.
- **Pressure Rating:** Ensure your pressure washer's maximum pressure does not exceed the injector kit's 5000 PSI rating.
- **Secure Connections:** Verify all connections are tight and secure before operating to prevent leaks and disconnections under pressure.
- **Keep Clear:** Maintain a safe distance from the spray nozzle and ensure no one is in the path of the high-pressure stream.

4. SETUP AND INSTALLATION

Follow these steps to properly install the chemical injector kit with your pressure washer system.

1. **Prepare Connections:** Apply the provided water adhesive tape (PTFE tape) to the threaded connections of the injector assembly to ensure a watertight seal.
2. **Connect to Pressure Washer:** The chemical injector connects between your pressure washer's high-pressure outlet and the high-pressure hose. Use the 3/8 inch quick-connect fittings. Ensure the flow

direction arrow on the injector points towards the high-pressure hose/gun.

3. **Attach Chemical Hose:** Connect the transparent tube (hose) to the barb fitting on the chemical injector. Secure it firmly.
4. **Insert Filter:** Place the filter at the end of the transparent tube. This filter will be submerged in your chemical solution.
5. **Prepare Chemical Solution:** Fill a container with your desired cleaning solution. Ensure the solution is compatible with your pressure washer and the surfaces you intend to clean. Submerge the filter end of the transparent tube into the chemical solution.



Image 4: Detailed view of the injector's quick plug male, quick connect female, 3/8 male thread, regulating valve, 65° injector nozzle, and water tape.



Image 5: Close-up showing the 3/8 quick plug male, 3/8 quick connect female, and the flow direction arrow on the injector for correct installation.

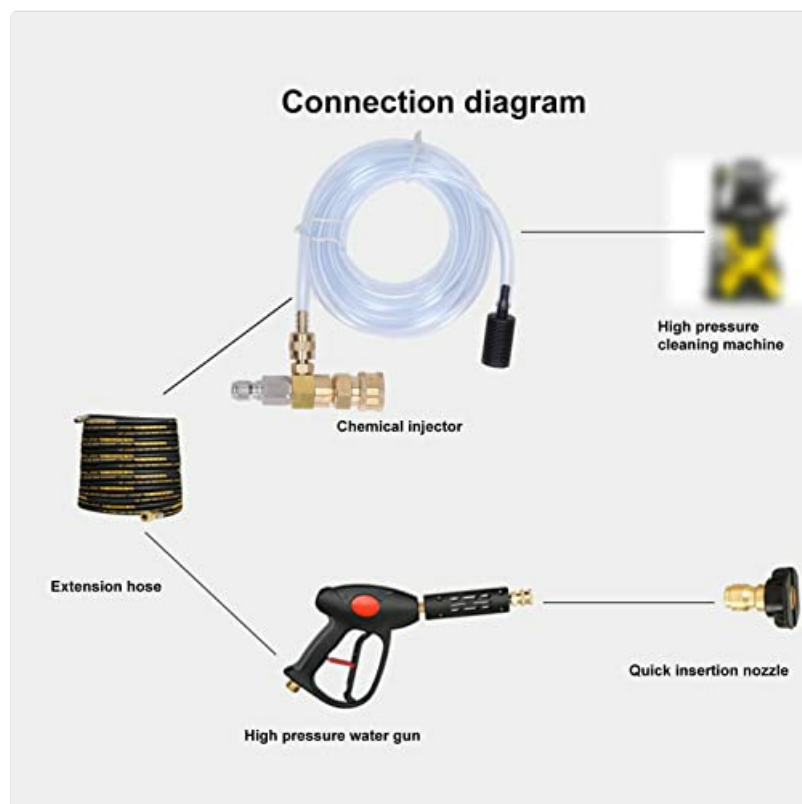


Image 6: A diagram illustrating the connection of the chemical injector between the high-pressure cleaning machine and the high-pressure water gun, with the chemical hose drawing from a solution.

5. OPERATING INSTRUCTIONS

Once the injector kit is installed, follow these steps for effective chemical application.

1. **Start Pressure Washer:** Turn on your pressure washer according to its manufacturer's instructions.
2. **Engage Low Pressure:** For chemical application, you must operate your pressure washer in a low-pressure mode. This is typically achieved by using a low-pressure nozzle (e.g., a black soap nozzle) or by adjusting your variable spray wand to the widest angle. The 65° injector nozzle provided is designed for low-pressure chemical application.
3. **Adjust Chemical Flow:** The chemical injector features a regulating valve (screw) to adjust the dilution ratio of chemicals and water. Turn the screw to increase or decrease the chemical draw.
4. **Apply Chemical:** Spray the chemical solution onto the desired surface. Allow the chemical to dwell for the recommended time as per the chemical manufacturer's instructions.
5. **Rinse:** After the chemical dwell time, switch to a high-pressure nozzle (e.g., 0°, 15°, 25°, 40° nozzles) to rinse the surface thoroughly with clean water.



Image 7: A user operating a pressure washer, demonstrating the application of cleaning solution to a brick wall using the downstream chemical injector kit.



Image 8: The chemical injector kit in use, applying a cleaning solution to a paved surface, illustrating its practical application.

6. MAINTENANCE

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

- **Flush After Use:** After each use, flush the injector by placing the filter end of the transparent tube into a bucket of clean water and running the pressure washer in low-pressure mode until all chemical residue is cleared from the injector and hose.
- **Clean Filter:** Regularly inspect and clean the filter to prevent blockages.
- **Inspect Connections:** Periodically check all quick-connect fittings and threaded connections for wear, damage, or leaks. Replace PTFE tape as needed.
- **Storage:** Store the injector kit in a clean, dry place, away from direct sunlight and extreme temperatures. Disconnect it from the pressure washer when not in use.

7. TROUBLESHOOTING

If you encounter issues with your chemical injector kit, refer to the following common problems and solutions.

- **No Chemical Draw:**
 - Ensure the pressure washer is operating in low-pressure mode (using a low-pressure nozzle).
 - Check if the chemical hose filter is submerged in the solution and not clogged.
 - Verify the regulating valve on the injector is open (screw adjusted).
 - Inspect the chemical hose for kinks or blockages.
 - Ensure all connections are airtight; air leaks can prevent chemical draw.
- **Inconsistent Chemical Draw:**
 - Check for partial blockages in the filter or chemical hose.

- Ensure the chemical solution is not too thick or viscous for the injector.
- Verify consistent low-pressure operation from the pressure washer.
- **Leaks at Connections:**
 - Tighten all quick-connect fittings.
 - Reapply PTFE tape to threaded connections if necessary.
 - Inspect O-rings and seals for damage and replace if worn.

8. SPECIFICATIONS

Feature	Detail
Model Number	Zerodisovgbr6wnf1
Maximum Water Pressure	5000 PSI
Head Connector Type	3/8 inch Quick Connector
Product Material	Brass, Stainless Steel, Silicone
Application	Pressure Washer Adjustable Soap Dispenser
Package Dimensions	6.3 x 6.3 x 2.36 inches
Item Weight	1.11 Pounds
Manufacturer	Zerodis
ASIN	B0C9TKCSQS



Image 9: Visual representation of the approximate dimensions of the chemical injector kit, showing 16cm (6.2in) length and 6cm (2.3in) height for the main assembly.

9. WARRANTY INFORMATION

For specific warranty details regarding your Zerodis Pressure Washer Downstream Chemical Injector Kit, please refer to the product packaging or contact the seller directly. Warranty terms may vary based on purchase location and retailer policies.

10. SUPPORT INFORMATION

If you require further assistance or have questions not covered in this manual, please contact the retailer from whom you purchased the product or visit the official Zerodis brand store for potential support resources.

