

Adler B013VRNW0S

Adler Dishwasher Dosing Device B013VRNW0S User Manual

Brand: Adler | Model: B013VRNW0S

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Adler Dishwasher Dosing Device, model B013VRNW0S. Please read this manual thoroughly before use and retain it for future reference. This device is designed to accurately dispense cleaning agents in commercial and industrial dishwashers, ensuring optimal performance and hygiene.

2. PRODUCT OVERVIEW

The Adler Dishwasher Dosing Device is a robust diaphragm pump engineered for precise chemical dosing in various dishwasher systems. It features specific inlet and outlet diameters for seamless integration. This device is compatible with a range of professional dishwashers, including those from Aquila, Amatis, Electrolux, Comenda, and Alpeninox.



Figure 1: Adler Dishwasher Dosing Device. This image displays the black diaphragm pump unit, highlighting its various connection points for fluid input and output. A small, circular filter screen is also visible in the upper right portion of the image.

Key Features:

- Precision diaphragm pump for accurate chemical dispensing.

- Designed for commercial and industrial dishwasher applications.
- Specific inlet and outlet diameters for standardized connections.
- Durable construction for long-term reliability.
- Wide compatibility with major dishwasher brands.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the dosing device. It is recommended that installation be performed by a qualified technician.

Safety Precautions:

- Always disconnect power to the dishwasher before beginning installation.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling chemicals.
- Ensure all connections are secure and leak-free to prevent chemical spills.
- Refer to your dishwasher's manual for specific connection points and requirements.

Installation Steps:

1. **Identify Connection Points:** Locate the designated inlet for the dosing chemical and the return line on your dishwasher.
2. **Connect Inlet Line:** Attach the chemical supply line to the dosing device's inlet (Ø 6 X 8 mm). Ensure a tight, secure fit.
3. **Connect Outlet Line:** Connect the dosing device's outlet (Ø 4 X 6 mm) to the chemical injection point on your dishwasher.
4. **Connect Pressure Line:** If applicable, connect the pressure line (Ø 4 X 6 mm) to the appropriate port on the dosing device and the dishwasher's pressure sensing point.
5. **Mounting:** Securely mount the dosing device in an accessible location, away from excessive heat or moisture, using appropriate fasteners (not included).
6. **Verify Connections:** Double-check all hose connections for tightness and proper routing to prevent kinks or leaks.
7. **Power Connection:** Connect the dosing device to the dishwasher's control system or a dedicated power supply as per the dishwasher manufacturer's instructions.

4. OPERATING INSTRUCTIONS

Once properly installed, the Adler Dishwasher Dosing Device operates automatically in conjunction with your dishwasher's cycle. Its primary function is to deliver precise amounts of detergent or rinse aid at programmed intervals.

Initial Start-up:

1. **Fill Chemical Reservoir:** Ensure the chemical reservoir connected to the dosing device is adequately filled with the appropriate dishwasher chemical (detergent or rinse aid).
2. **Power On:** Restore power to the dishwasher and the dosing device.
3. **Prime the Pump:** If the system is new or has been drained, it may be necessary to prime the pump. Consult your dishwasher's manual or the dosing device's specific priming procedure (if available) to ensure chemical flow. This often involves running a short cycle or manually activating the pump until chemical is visible in the lines.

4. **Monitor First Cycle:** Observe the first few dishwasher cycles to confirm that the chemical is being dispensed correctly and that there are no leaks.

Normal Operation:

The dosing device will activate automatically during the dishwasher's wash or rinse cycles, as programmed by the dishwasher's control system. No manual intervention is typically required during normal operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your dosing device.

Routine Checks:

- **Visual Inspection:** Periodically inspect all hoses and connections for signs of wear, cracks, or leaks. Replace any damaged components immediately.
- **Chemical Levels:** Regularly check the chemical reservoir to ensure adequate supply. Running the pump dry can cause damage.
- **Cleanliness:** Keep the exterior of the dosing device clean and free from chemical residue.
- **Filter Inspection:** If your system includes an inline filter (as suggested by the product image), inspect and clean it regularly to prevent blockages.

Long-Term Storage:

If the device will be out of service for an extended period, flush it with clean water to remove any residual chemicals, then disconnect and store in a dry, cool place.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with the dosing device. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No chemical dispensed.	Chemical reservoir empty. Pump not primed. Hose kinked or blocked. Power supply issue. Dosing device malfunction.	Refill chemical reservoir. Prime the pump as per instructions. Check and clear hoses. Verify power connection and dishwasher control signal. Contact support.
Chemical leaks from connections.	Loose connections. Damaged hoses or seals.	Tighten all connections. Inspect and replace damaged hoses or seals.
Inconsistent dosing.	Air in the lines. Partial blockage in lines or filter. Pump wear.	Re-prime the pump to remove air. Inspect and clean lines/filter. Contact support for pump inspection.

7. SPECIFICATIONS

Feature	Detail
Product Type	Dishwasher Dosing Device (Diaphragm Pump)
Inlet Diameter	Ø 6 X 8 mm
Output Diameter	Ø 4 X 6 mm
Pressure Connection Diameter	Ø 4 X 6 mm
Application	Dishwashers (Aquila, Amatis, Electrolux, Comenda, Alpeninox compatible)
Manufacturer	Adler
Manufacturer Reference	4251188712261
ASIN	B013VRNW0S
First Available Date	August 10, 2016

8. WARRANTY AND RETURNS

This product is subject to standard consumer warranty rights. For specific details regarding returns or warranty claims, please refer to the retailer's return policy at the point of purchase.

- **Change of Mind Returns:** If you wish to return a product within 30 days of receipt because you changed your mind, please consult the retailer's help page for return procedures.
- **Defective or Damaged Products:** If you received a defective or damaged product, please consult the retailer's help page for instructions on how to proceed with a return or replacement.
- **Marketplace Purchases:** For specific information regarding purchases made through a marketplace seller, please refer to the marketplace's specific help pages or contact the seller directly.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or manufacturer directly.

- **Seller:** Gastroteileshop
- **Manufacturer:** Adler
- Refer to your purchase documentation for specific contact information.

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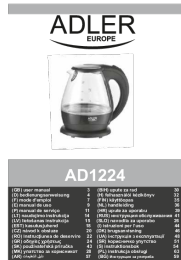
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