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Hayward CL110 Off-line Automatic Chemical Feeder Instruction Manual

Model: CL110

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hayward CL110 Off-line Automatic Chemical Feeder. This durable, corrosion-proof unit is designed to work automatically with your pool or spa pump and filter system, providing efficient and maintenance-free chemical dispensing. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: The Hayward CL110 Off-line Automatic Chemical Feeder, a grey cylindrical unit with a black lid and a control dial on the side.

SAFETY INFORMATION

Always observe basic safety precautions when installing and operating this product. Failure to do so could result in serious injury or property damage.

- Read all instructions before use.
- Ensure the feeder is installed by a qualified professional in accordance with all local codes and ordinances.
- Always wear appropriate personal protective equipment (PPE) when handling pool chemicals.
- Never mix different types of chemicals in the feeder.

- Keep out of reach of children.
- Refer to the chemical manufacturer's instructions for safe handling and storage.

SETUP AND INSTALLATION

The Hayward CL110 is an off-line feeder, meaning it connects to your existing plumbing system. Simple installation is designed for do-it-yourselfers, but professional installation is recommended.

Components Included:

- CL110 Chemical Feeder Unit
- Cover
- Manual (this document)
- Connection Hoses and Fittings (may vary, refer to packaging)

Installation Steps:

1. **Select Location:** Choose a location for the feeder that is easily accessible for refilling and maintenance, and is above the water level of the pool or spa.
2. **Plumbing Connections:**
 - Connect the inlet hose from the feeder to the pressure side of your pump and filter system (after the filter).
 - Connect the outlet hose from the feeder to the return line of your pool or spa (before any heaters or other sensitive equipment).
 - Ensure all connections are secure and leak-free.
3. **Mounting:** The unit is freestanding. Ensure it is placed on a stable, level surface.
4. **Initial Fill:** Before adding chemicals, ensure the system is filled with water and all air is purged.

Note: The input tube should be installed where the line from the pump goes into the filter head. The output should be on the return fitting at the pool.

OPERATING INSTRUCTIONS

The CL110 feeder uses 3-inch diameter Tricolor S tablets. The dial control valve allows you to adjust the chemical feed rate.

Adding Chemical Tablets:

1. **Turn Off Pump:** Always turn off your pool/spa pump before opening the feeder.
2. **Open Cover:** The Easy-Lok threaded cover features a unique finger-release catch for safe and convenient access. Unscrew the cover counter-clockwise. Be aware that pressure may be present, so open slowly.
3. **Insert Tablets:** Carefully place 3-inch diameter Tricolor S tablets into the feeder chamber. Do not overfill.
4. **Secure Cover:** Replace the cover and tighten clockwise until snug. Do not overtighten, as the O-ring seal will create a seal under pressure.
5. **Restart Pump:** Turn on your pool/spa pump.

Adjusting Feed Rate:

The dial control valve allows you to control and adjust the rate of feed. Monitor your pool's chlorine levels and adjust the dial accordingly.

- Turn the dial **up** (towards "FULL") to increase the chemical feed rate.
- Turn the dial **down** (towards "OFF") to decrease the chemical feed rate.

Regularly test your pool water to maintain desired chemical levels. Adjustments may be needed based on pool usage, weather, and other factors.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your chemical feeder.

- **O-Ring Inspection:** Periodically inspect the O-ring on the cover for cracks or wear. Replace if necessary to prevent leaks. Lubricate with water-based gasket grease if opening becomes difficult.
- **Cleaning:** If the feeder becomes clogged, especially the inlet valve, it may be due to unfiltered water debris. Disassemble the valve or use compressed air to clear blockages.
- **Winterization:** In colder climates, drain the feeder completely and store it in a dry, protected area during the off-season to prevent freeze damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Feeder not dispensing chemicals	No tablets in feeder Dial control valve set to "OFF" or too low Inlet/outlet hoses clogged Feeder air-locked	Add tablets Adjust dial to desired setting Check and clear hoses Purge air from the system
Water leaking from cover	Cover not tightened properly Damaged or worn O-ring	Ensure cover is snug (do not overtighten) Inspect and replace O-ring if damaged
Difficulty opening cover	Overtightened cover Dry O-ring	Apply less force when tightening Lubricate O-ring with water-based gasket grease

SPECIFICATIONS

- **Brand:** Hayward
- **Model Number:** CL110
- **Product Dimensions:** 13.7" L x 6" W x 6.1" H
- **Item Weight:** 4 ounces
- **Color:** Black
- **Material:** Metal, Plastic
- **Capacity:** 4.2 Pounds (for 3-inch diameter Tricolor S tablets)
- **Mounting Type:** Freestanding
- **Special Feature:** UV Resistant

- **UPC:** 610377003728, 044927594518

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Hayward website or contact Hayward customer service directly. Keep your purchase receipt for warranty claims.

A detailed user manual in PDF format is also available for download:[Hayward CL110 User Manual \(PDF\)](#)

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