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Hayward CX250RE

Hayward CX250RE Star-Clear Cartridge Filter Element Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Hayward CX250RE Replacement Cartridge Element. Designed for use with Hayward Star-Clear C250 Series Cartridge Filters, this element ensures high water clarity and efficient filtration for your pool.

The Hayward CX250RE cartridge element is crafted from superior reinforced polyester material, offering a high degree of water clarity and extended filter cycles. Its precision-engineered extruded core design promotes maximum water flow, contributing to reduced energy costs. Consistent with Hayward's commitment to quality, this genuine replacement part is compatible with all Hayward specified chemicals.

PRODUCT OVERVIEW

The Hayward CX250RE is a high-quality replacement cartridge element designed for optimal performance in your pool's filtration system. Key features include:

- **High-Quality Filtration:** Reinforced polyester elements provide maximum filtration area, effectively trapping dirt and debris.
- **Efficient Water Flow:** Precision-engineered extruded core design ensures optimal water flow, contributing to energy efficiency.
- **Durability:** Built to withstand pool chemicals and provide long-lasting performance.
- **Genuine Hayward Part:** Individually packaged with Hayward branding on end caps and plastic wrap for authenticity.



Image: Hayward CX250RE Replacement Cartridge Element, showing the pleated filter material and the gray end caps with the Hayward logo.

INSTALLATION

Proper installation of the filter cartridge is crucial for effective pool filtration. Always refer to your specific Hayward Star-Clear C250 Series Cartridge Filter system manual for detailed instructions and safety precautions.

Safety First:

- Always turn off the pool pump and any associated electrical equipment before beginning installation or maintenance.
- Close all necessary valves to prevent water flow to and from the filter system.
- Relieve any pressure in the filter tank before opening.

Installation Steps:

1. **Remove Old Cartridge:** Carefully open the filter tank according to your filter system's manual. Remove the old, dirty filter cartridge.
2. **Clean Filter Tank:** Inspect the inside of the filter tank and clean any debris or residue. Ensure the O-ring is clean and properly seated.
3. **Insert New Cartridge:** Place the new Hayward CX250RE cartridge element into the filter tank. Ensure it is seated correctly on the manifold. The cartridge should fit snugly.
4. **Secure Filter Tank:** Close and secure the filter tank lid according to your filter system's manual. Ensure all clamps or locking mechanisms are properly engaged.

5. **Restore Water Flow and Power:** Open all valves to restore water flow to the filter system. Turn on the pool pump and check for any leaks.



Image: A Hayward CX250RE filter cartridge being lowered into a pool filter housing, demonstrating the installation process.

OPERATION

Once the Hayward CX250RE filter cartridge is correctly installed and the pool pump is running, the filter system will begin to circulate and clean your pool water. The cartridge works by trapping microscopic particles and debris as water passes through its pleated material.

Monitoring Performance:

- **Pressure Gauge:** Regularly check the pressure gauge on your filter tank. Note the clean operating pressure after installing a new cartridge.
- **Increased Pressure:** An increase of 8-10 PSI (pounds per square inch) above the clean operating pressure typically indicates that the cartridge needs cleaning.
- **Water Clarity:** Observe your pool's water clarity. If the water appears cloudy or dirty, it may be time to clean or replace the cartridge.

MAINTENANCE

Regular cleaning and timely replacement of your Hayward CX250RE filter cartridge are essential to maintain optimal pool water quality and extend the life of your filtration system. It is recommended to clean the cartridge at least once a month, or more frequently depending on pool usage and environmental conditions.

Cleaning Steps:

1. **Turn Off Pump:** Always turn off the pool pump and relieve pressure from the filter tank before opening.
2. **Remove Cartridge:** Open the filter tank and carefully remove the dirty cartridge.
3. **Rinse Debris:** Use a garden hose with a straight-flow nozzle to thoroughly rinse the pleated material. Work from the top to the bottom, holding the nozzle at a 45-degree angle to dislodge debris from between the pleats. Continue rinsing until all visible dirt and debris are gone.
4. **Deep Cleaning (Optional):** For stubborn dirt, oils, or scale, use a specialized filter cleaning solution. Follow the manufacturer's instructions for soaking and rinsing the cartridge.
5. **Inspect:** After cleaning, inspect the cartridge for any tears, damage, or excessive wear. If damaged, replace it with a new Hayward CX250RE.
6. **Reinstall:** Reinstall the clean cartridge into the filter tank, ensuring it is properly seated. Close and secure the filter tank.
7. **Restart System:** Restore water flow and restart the pool pump.



Image: A detailed view of the top end cap of the Hayward CX250RE filter, showing the durable construction and branding.

Replacement:

The lifespan of a filter cartridge varies depending on usage, water chemistry, and environmental factors. Replace the cartridge when it shows signs of wear, such as torn pleats, damaged end caps, or if it can no longer be effectively cleaned and consistently results in high filter pressure or cloudy water.

TROUBLESHOOTING

If you experience issues with your pool's filtration, consider the following common troubleshooting steps related to the filter cartridge:

- **Low Water Flow:**

- Check if the filter cartridge is dirty and needs cleaning.
- Ensure the pump basket and skimmer baskets are clear of debris.
- Verify that all valves are fully open and there are no obstructions in the plumbing.

- **Cloudy Pool Water:**

- Clean the filter cartridge thoroughly.
- Test and balance your pool's water chemistry (pH, alkalinity, sanitizer levels).
- Consider if the cartridge needs replacement due to age or damage.

- **High Filter Pressure:**

- This is a primary indicator that the filter cartridge is dirty and requires cleaning.
- If cleaning does not reduce pressure, the cartridge may be clogged beyond effective cleaning and needs replacement.

If these steps do not resolve the issue, consult a qualified pool professional.

SPECIFICATIONS

The Hayward CX250RE Replacement Cartridge Element features the following specifications:

Feature	Specification
Model Number	CX250RE
Compatibility	Hayward Star-Clear C250 Series Cartridge Filters
Outer Diameter (O.D.)	7 inches
Height	9.75 inches
Filter Area	25 Square feet
Item Weight	1 pound
Material	Reinforced Polyester

WARRANTY AND SUPPORT

For specific warranty information regarding your Hayward CX250RE Replacement Cartridge Element, please refer to the documentation provided with your original Hayward filter system or contact Hayward directly. Hayward is a reputable manufacturer known for its quality pool products.

For technical support, product inquiries, or to locate authorized service centers, please visit the official Hayward website or contact their customer service department.

You can find more information about Hayward products and support at the [Hayward Store on Amazon](#).