

hayward de 3600 filter manual

hayward de 3600 filter manual is an essential resource for pool owners who utilize the Hayward DE 3600 filter system. This manual provides in-depth guidance on installation, maintenance, troubleshooting, and optimization of your pool's filtration system. With a thorough understanding of the Hayward DE 3600, you can ensure that your pool water remains clean, clear, and safe for swimming. This article will explore key features of the filter, detailed instructions for maintenance, common issues and solutions, and the importance of proper filtration. Whether you're a seasoned pool owner or new to pool maintenance, this article will equip you with the knowledge you need to maximize the efficiency and longevity of your Hayward DE 3600 filter.

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Overview of the Hayward DE 3600 Filter

The Hayward DE 3600 filter is a highly efficient diatomaceous earth (DE) filtration system designed for residential pools. It boasts a robust filtration capability which can trap particles as small as 3 to 5 microns, ensuring crystal clear water. The DE 3600 filter is celebrated for its effectiveness in removing contaminants and providing a superior swimming experience.

This filter operates by using diatomaceous earth, a natural product made from fossilized algae. When DE is coated on the filter grids, it creates a porous layer that captures dirt and debris as water flows through. The Hayward DE 3600 filter is not only easy to use, but it also offers a user-friendly design that simplifies maintenance and operation.

Installation Instructions

Installing the Hayward DE 3600 filter requires careful attention to detail to ensure proper functionality. Below are the key steps involved in the installation process.

Step-by-Step Installation

1. **Gather Required Tools:** Before beginning, ensure you have all necessary tools including a screwdriver, wrench, and Teflon tape.
2. **Choose an Appropriate Location:** Select a flat, stable area near the pool for installation. Ensure that the location is accessible for maintenance and service.
3. **Connect the Filter to the Pump:** Use PVC pipes to connect the filter to the swimming pool pump. Make sure to apply Teflon tape to the threads for a watertight seal.
4. **Install the Pressure Gauge:** Attach the pressure gauge to the top of the filter. This will help monitor the filter's performance and indicate when cleaning is necessary.
5. **Fill with DE Powder:** Once the filter is connected, open the filter and add diatomaceous earth powder to the grids as per the manufacturer's recommendations.
6. **Prime the System:** Turn on the pump and allow the system to prime. Check for leaks and ensure everything is functioning correctly.

Following these steps will help ensure a successful installation of the Hayward DE 3600 filter, setting the stage for optimal performance.

Maintenance and Care

Regular maintenance is crucial for the longevity and efficiency of the Hayward DE 3600 filter. Proper care not only helps maintain water clarity but also extends the life of the filter system.

Routine Maintenance Tasks

- **Backwashing:** Backwash the filter when the pressure gauge indicates a rise of 8-10 psi above the clean filter pressure. This process helps

remove trapped debris and restores flow.

- **Inspect the Grids:** Check the filter grids regularly for tears or damage. If any grids are damaged, they should be replaced promptly.
- **Add DE Powder:** After backwashing, it is essential to add a fresh charge of diatomaceous earth to the filter. This maintains the filter's effectiveness.
- **Clean the Skimmer and Pump Basket:** Regularly clean the skimmer and pump basket to prevent clogging and maintain optimal water flow.
- **Monitor Water Chemistry:** Regularly check and balance the pool water chemistry to prevent scaling and corrosion in the filter system.

By adhering to these maintenance tasks, pool owners can ensure that their Hayward DE 3600 filter operates effectively and efficiently throughout the swimming season.

Troubleshooting Common Issues