

Pentair EW22

Pentair EW22 Complete Wall Fitting Replacement Manual

For Automatic Pool and Spa Cleaners

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1. SAFETY INFORMATION

Always ensure that the pool pump is turned off before installing, removing, or performing any maintenance on the wall fitting or the automatic pool cleaner. Failure to do so may result in injury or damage to equipment. Keep all components away from children. Use only genuine Pentair replacement parts to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Pentair EW22 Complete Wall Fitting is a crucial replacement component designed for automatic pool and spa cleaners, specifically compatible with Kreepy Krauly Legend/Platinum models. This fitting ensures proper water flow and pressure regulation for efficient cleaner operation.

Key Features:

- Wall Fitting, White
- Works with the Kreepy Krauly Legend/Platinum Pool Cleaners

Components:

The complete wall fitting includes the main body, a back-up valve, and necessary seals for a secure connection.



Figure 1: Pentair EW22 Complete Wall Fitting. This image displays the full assembly of the wall fitting, highlighting its design and connection points.

3. SETUP AND INSTALLATION

This section provides instructions for installing the Pentair EW22 Complete Wall Fitting. Proper installation is essential for the efficient operation of your automatic pool cleaner.

Installation Steps:

1. **Turn off the Pool Pump:** Before beginning, ensure your pool pump is completely turned off to prevent water flow and potential injury.
2. **Remove the Old Wall Fitting:** Carefully unscrew and remove the existing wall fitting from the pool wall. If the old fitting is stuck, you may need to use a wrench or pliers.
3. **Inspect the Pool Wall Connection:** Check the threads and surrounding area on the pool wall for any debris or damage. Clean as necessary.
4. **Assemble the New Wall Fitting:** The EW22 wall fitting may come in multiple pieces. Assemble the components, ensuring all seals (O-rings) are correctly seated. Refer to the video below for visual guidance on assembly.
5. **Attach to Pool Cleaner Hose:** Connect the pool cleaner hose to the appropriate end of the wall

fitting. Ensure a snug and secure connection.

6. **Install into Pool Wall:** Screw the assembled wall fitting into the pool wall connection. Hand-tighten first, then use a wrench if necessary, but do not overtighten to avoid cracking the plastic.
7. **Turn on the Pool Pump:** Once installed, turn on the pool pump and check for any leaks around the new fitting.

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Video 1: Installation of a Pool Sweep Wall Connector. This video demonstrates the assembly and connection process for a pool wall connector, similar to the Pentair EW22.

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Video 2: Pressure Relief Valve Overview. This video provides a closer look at a pressure relief valve, a key component within the wall fitting, explaining its function.

4. OPERATING THE WALL FITTING

The Pentair EW22 Wall Fitting operates automatically as part of your pressure-side pool cleaner system. It regulates the water pressure and flow to the cleaner, ensuring it moves effectively around the pool to collect debris. No manual adjustments are typically required for the wall fitting itself once installed correctly.

5. MAINTENANCE

Regular maintenance of your Pentair EW22 Wall Fitting will prolong its lifespan and ensure optimal performance of your pool cleaner.

Maintenance Tips:

- **Regular Inspection:** Periodically inspect the wall fitting for any signs of wear, cracks, or damage, especially around the connection points.
- **Check Seals:** Ensure the O-rings and seals are intact and not dried out or cracked. Replace them if necessary to prevent leaks.
- **Clean Debris:** Occasionally remove the wall fitting and check for any debris that might be obstructing the internal mechanisms or water flow.
- **Avoid Overtightening:** When reinstalling, tighten securely but avoid excessive force, which can lead to cracks in the plastic.

6. TROUBLESHOOTING

If your automatic pool cleaner is not performing as expected, the wall fitting might be a contributing factor. Here are some common issues and their solutions:

- **Reduced Cleaner Movement:** If the cleaner moves slowly or erratically, check the wall fitting for obstructions or a faulty back-up valve. A damaged back-up valve can reduce the pressure needed for proper cleaner operation.
- **Water Leaks:** Leaks around the wall fitting connection usually indicate a loose connection, damaged O-rings, or a cracked fitting. Tighten the connection or replace worn seals/fitting.
- **Cleaner Getting Stuck:** While often related to the cleaner itself, ensure the wall fitting is securely installed and not causing any drag or interference with the cleaner's hose movement.

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Video 3: E10 White Back-Up Valve Replacement. This video demonstrates the replacement process for a back-up valve,

which can help troubleshoot issues with cleaner movement and water flow.

7. SPECIFICATIONS

Attribute	Detail
Brand	Pentair
Model Name	EW22
Product Dimensions	5 x 3 x 3 inches
Item Weight	5.3 ounces
Color	Black (Note: Wall Fitting itself is White as per feature bullets)
Installation Type	User-installation
Warranty Type	Limited
UPC	807318018204

8. WARRANTY AND SUPPORT

The Pentair EW22 Complete Wall Fitting comes with a Limited Warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty documentation included with your purchase or visit the official Pentair website.

For technical support, replacement parts, or further assistance, please contact Pentair Customer Service through their official website or the contact information provided in your product packaging. When contacting support, please have your product model number (EW22) and purchase details readily available.