

manuals.plus /

- › [Hayward](#) /
- › [Hayward DEX2400C DE Filter Top Collector Manifold Instruction Manual](#)

Hayward DEX2400C

Hayward DEX2400C DE Filter Top Collector Manifold Instruction Manual

1. PRODUCT OVERVIEW

The Hayward DEX2400C is a replacement top collector manifold designed for Hayward Micro Clear model DE filters. This component includes an auto air relief feature, crucial for proper filter operation.

This manifold is compatible with both Pro-Grid and Micro-Clear DE filters, including all resin and stainless steel Hayward Micro Clear DE filters. It is identified by product component number DEX2420C.



Image: Hayward DEX2400C DE Filter Top Collector Manifold. This image displays the replacement manifold, a crucial component for DE pool filters.

2. PRODUCT FEATURES

- Designed for Pro-Grid and Micro-Clear DE filters.
- Compatible with all resin and stainless steel Hayward Micro Clear DE filters.
- Includes an auto air relief mechanism.
- May require a DEX2400Z5 outlet elbow O-ring for complete installation (sold separately).
- Official Hayward replacement part.

3. SETUP AND INSTALLATION

Installation of the top collector manifold typically involves replacing an existing, damaged unit. It is recommended to consult a qualified pool technician if you are unfamiliar with pool filter maintenance.

General Installation Steps:

1. **Preparation:** Ensure the filter system is turned off, depressurized, and drained. Remove the filter tank lid and the existing filter grid assembly.
2. **Disassembly:** Carefully remove the nut and washer from the bottom of the long bolt that holds the collector and filter elements together. Keep these small parts in a safe place.
3. **Manifold Replacement:** Remove the old manifold. When installing the new manifold, it can be helpful to have assistance to hold the filter grids in place.
4. **Reassembly:** Insert the long rod/bolt through the filter elements and the new top collector. Secure it loosely with the washer and nut.
5. **Alignment:** Place the assembly on a stable surface (e.g., a 5-gallon bucket with the collector upside down) to aid in aligning the filter elements. Apply slight pressure and adjust the grids until the elements snap into place.
6. **Final Tightening:** Invert the assembly and tighten the nut. Avoid overtightening, as the manifold is plastic and can crack.
7. **System Restart:** Reinstall the filter grid assembly into the tank, secure the lid, and follow your filter's specific instructions for recharging with DE powder and restarting the system.

Note: The 'thing' that sticks up from the manifold may need to have a 45-degree bend or more for the filter cover to fit properly.

4. OPERATING INSTRUCTIONS

The Hayward DEX2400C Top Collector Manifold functions as an integral part of your DE filter system, directing water flow and ensuring proper filtration. Once installed correctly, its operation is passive and integrated with the overall filter system.

Ensure the auto air relief is clear and functioning to prevent air pockets within the filter, which can impede performance.

5. MAINTENANCE

Regular cleaning of your DE filter grids and manifold is essential for optimal pool filtration. The manifold itself requires inspection for cracks or damage during routine filter cleaning.

Detailed Grid Cleaning Procedure:

1. **Drain and Rinse:** After removing the top and drain plug of your filter, use a hose to wash out as much DE as possible.
2. **Remove Grids:** Take out the entire grid assembly. Lay it on its side and remove the nut/washer from the bottom of the long bolt holding the collector and filter elements together. Store the washer and nut securely.
3. **Clean Grids:** Remove the bottom filter element and then individually hose off each grid. Lean the grids against a wall to dry.
4. **Clean Manifold:** Ensure the top collector manifold is also thoroughly cleaned.
5. **Reassemble Grids:** Use an empty 5-gallon bucket to hold the top collector upside down. One by one, add the grids, noting the position of any short grids.
6. **Attach Filter Element:** Place the filter element on top, aligning the pie-shaped opening with the air relief valve.
7. **Insert Rod:** With assistance, insert the long rod/bolt through the filter element and the top collector.

Secure loosely with the washer and nut.

- Final Grid Alignment:** Place the assembly back on the 5-gallon bucket (collector upside down). Apply slight pressure to the filter element and gently move the grids until the element snaps into place.
- Tighten:** Invert the assembly and tighten the nut.

6. TROUBLESHOOTING

If you observe DE powder returning to your pool after filter operation, it often indicates an issue with the filter grids or the manifold. Common causes include:

- Cracked Manifold:** Inspect the manifold for any visible cracks, which can allow DE to bypass the filter media.
- Damaged Grids:** Check filter grids for tears or holes.
- Improper Assembly:** Ensure all components, especially the manifold and grids, are correctly seated and secured.
- Missing O-rings:** Verify that all necessary O-rings (e.g., DEX2400Z5 outlet elbow O-ring) are present and in good condition.

If troubleshooting steps do not resolve the issue, contact a professional pool service technician.

7. SPECIFICATIONS

Specification	Detail
Product Dimensions	6.5 x 16 x 17 inches
Item Weight	3 pounds
Manufacturer	Hayward
Model Number	DEX2400C
ASIN	B0032UXRIM
Discontinued	No

8. WARRANTY AND SUPPORT

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

For technical assistance or further inquiries, please visit the [Hayward Store on Amazon](#) or their official corporate website.