

Cleaning a DE3620 Filter

Disassemble - Clean - Reassemble

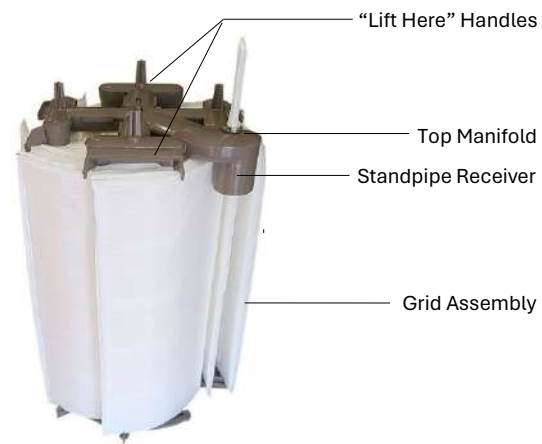
Maintaining a clean and efficient pool filter is essential for ensuring crystal-clear water and a safe swimming environment. A Hayward DE3620 filter is a popular filter with Flohr Pools Inc customers. The power backwash is one of the features that makes it popular. This feature allows for easy and frequent cleaning without having to disassemble the filter. The backwash process is done as often as necessary during the pool season and can be relied upon in most instances. Occasionally it is necessary to disassemble the filter and thoroughly clean the grid assembly inside of the filter body. This is a step-by-step guide on how to disassemble, clean, and reassemble your DE3620.

By following a systematic approach and adhering to manufacturer guidelines, you can effectively remove debris and contaminants, inspect critical components, and restore optimal filtration performance to keep your pool water pristine. This process can be done as often as needed, but at least once a year when closing the pool is recommended. The process should also be performed after cleaning an algae filled pool.

DE3620 Filter Diagram



Grid Assembly Diagram



Required Tools



Jack's Multilube



Hose Nozzle



Slotted Screwdriver
(To remove Drain Plug if needed)



Socket Wrench



Rubber Mallet



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Step-By-Step Guide

Step 1: Backwash the filter: Backwashing the filter is essential to remove any trapped debris. This process involves reversing the flow of water through the filter to flush out accumulated dirt and contaminants, preparing the filter for deep cleaning. Doing the backwash before disassembling the filter makes the following steps easier.



Step 2: Shut Off Pump: Turning off the pump is a critical safety measure before conducting any maintenance on the pool filter. This step prevents the risk of injury from moving parts and ensures a stable working environment for the maintenance process. If using a timer, remove the trippers so the pump doesn't turn on automatically.



Step 3: Release Pressure: Releasing pressure from the filter system is necessary to avoid any sudden releases of built-up pressure when opening the filter tank. This step protects against potential injuries and ensures a safe working environment for performing maintenance tasks. Open the air relief valve and leave open while cleaning the filter.



Step 4: Remove Clamp: Using a socket wrench remove the clamp that secures the top of the filter tank, allowing access to the filter elements (grid assembly) for cleaning and inspection. After clamp is off, lift and remove the top half of the filter body.



Step 5: Remove Drain Plug: Remove the drain plug to drain water and debris from the filter tank. This step prevents potential spills and makes it easier to remove the grid assembly from the filter tank. Use screwdriver to remove drain plug if necessary.



Drain Plug w/
O-Ring
(Replacement #1016 at
Flohr Pools)

Be mindful of where you're draining as it can make a mess. If moving the filter away from the pool area you will need to remove the multiport from the filter body.



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Step 6: Cleaning Location: Select an appropriate cleaning location. Choose a well-ventilated area with ample space to work comfortably and minimize the risk of exposure to airborne debris and chemicals during the cleaning process. Most customers take the grid assembly somewhere to clean, while leaving the filter body in place.



Step 7: Remove Grid Assembly: Carefully remove the grid assembly from the filter tank. On the top manifold will be two handles that say “lift here”. Place a hand on each handle and slowly lift the grid assembly out of the filter, making sure not to damage the stand-pipe

Step 8: Rinse the grid assembly: Rinse the grid assembly with a garden hose to remove loose debris and contaminants from the filter grids. Do not use a pressure washer. Be careful not to tear a hole in the grids.



Step 9: Inspect Grid Assembly: Inspecting the grid assembly allows for the identification of damaged or worn filter grids. Look for rips and tears in the grid fabric. Inspect the seams on each grid. Also check for any broken plastic inside of the filter grids. Replace grids if needed.

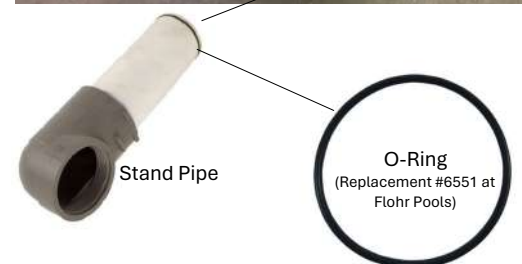
Check Top Manifold (Flohr’s #6266) for cracks and replace if needed.

Grid assembly is made up of 7 large grids (Flohr’s #6273) and 1 small grid (Flohr’s #6272).



Step 10: Clean Filter Body: Cleaning the filter body removes any accumulated dirt and debris. Hose down the interior surfaces of the filter tank and rinse all debris out of the filter. Debris and water will exit through the drain hole.

Step 11: Inspect O-Ring on Stand-Pipe and lubricate: Inspect the O-ring on the stand-pipe inside the filter tank. Check for damage and stretching. Replace if necessary (Flohr Pools #6551) Lubricate the O-ring with Haywards Jack’s Lube to make it easier to slide the grid assembly back in place.



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Step 12: Replace grid assembly: Carefully reinstall the cleaned and inspected filter grids. Proper alignment and positioning of the grid assembly is important. Slide the top manifold (standpipe receiver) over the filter stand-pipe and lubricated O-ring. Make sure the O-ring doesn't get pinched or come out of place while replacing grid assembly.

Step 13: Inspect clamp O-ring and Lubricate: Inspect the large tank O-ring located between the two filter body halves. Clean the O-Ring by wiping down with a cloth, making sure not to stretch the O-ring. Lubricate the clamp O-ring with **ONLY** Haywards Jack's Lube. Do not use other lubricants. Apply a thin layer to entire O-ring (don't over lubricate). After lubrication, set O-Ring in groove on lower half of filter body



Step 14: Secure Clamp: Set the top half of the filter body back in position over the lower half. Make sure the clamp O-ring is still in the proper position. Replace clamp around the filter body and tighten using the bolt and nut (also the spring on older model filters). Follow the below steps to tighten the filter clamp:

1. Hand Tighten
2. After hand tight use a socket and turn bolt 2 times
3. Tap the clamp with a rubber mallet at 9 o'clock, 12 o'clock, and 3 o'clock (see figure below)
4. Repeat steps 2 and 3 until clamp is completely tight



Step 15: Duct Tape Documentation: Mark the date the filter was cleaned on a piece of duct tape and place on the filter. This helps you recall that you cleaned the filter in the winter, so that you won't need to in the spring.



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