

# hayward pool filter valve positions

## Hayward Pool Filter Valve Positions: A Complete Guide to Proper Operation and Maintenance

Maintaining a clean and healthy swimming pool requires understanding how to operate and troubleshoot your pool's filtration system effectively. Among the many components involved, the Hayward pool filter valve positions play a crucial role in controlling water flow and ensuring your pool remains crystal clear. Proper knowledge of valve positions helps prevent equipment damage, optimize filtration, and simplify routine maintenance. In this comprehensive guide, we'll explore the different valve positions, their functions, how to switch between them, and tips for troubleshooting common issues.

---

## Understanding the Hayward Pool Filter Valve System

The Hayward pool filter system typically uses multi-port valves, often called diverter valves, to direct water flow through various stages of the filtration process. These valves are usually positioned atop sand, cartridge, or DE (diatomaceous earth) filters.

Key Components:

- Valve Handle: The lever used to select different positions.
- Valve Body: Houses internal internals that redirect water.
- O-Rings and Seals: Ensure watertight operation.

Proper operation hinges on understanding the function of each valve position, which is essential for tasks like backwashing, rinsing, and filtering.

---

## Main Hayward Pool Filter Valve Positions and Their Functions

Most Hayward multi-port valves feature several key positions. The most common include:

1. Filter (Filter Mode)
2. Backwash
3. Rinse
4. Waste (Drain)
5. Recirculate
6. Closed

Let's explore each in detail:

## **1. Filter Position**

Purpose:

- This is the standard operating position during normal filtration.

Function:

- Water is drawn from the pool, passes through the filter media (sand, cartridge, or DE), and returns clean water to the pool.

Operation Tips:

- Always ensure the handle is securely in the "Filter" position before running the pump.
- Regularly check for leaks or worn seals.

---

## **2. Backwash Position**

Purpose:

- Used to clean the filter media by reversing water flow, removing accumulated debris and dirt.

Function:

- The pump pushes water backwards through the filter media and out of a waste line, flushing out dirt.

Operation Steps:

1. Turn off the pump.
2. Move the valve handle to Backwash.
3. Turn the pump back on.
4. Run for 2-3 minutes or until the water runs clear.
5. Turn off the pump before changing position.

Tips:

- Always backwash after a certain amount of filtering or when water clarity diminishes.
- Do not run the pump in backwash mode continuously—overuse can damage the system.

---

## **3. Rinse Position**

Purpose:

- Used after backwashing to settle the filter media and clear out residual debris.

Function:

- Water flows through the filter media in the normal direction but out to waste, rinsing away loosened dirt.

Operation Steps:

1. After backwashing, turn off the pump.
2. Move the handle to Rinse.
3. Turn the pump on and run for about 30 seconds.
4. Turn off the pump before returning to the filter position.

Tips:

- Rinsing helps prevent debris from returning to the pool.

---

## **4. Waste (Drain) Position**

Purpose:

- To remove water directly from the pool, bypassing the filter.

Function:

- Water is expelled through a waste line, useful for lowering water levels or removing debris during cleaning.

Operation Steps:

1. Turn off the pump.
2. Move the handle to Waste.
3. Turn the pump on to drain water.
4. When finished, turn off the pump and reset to Filter.

Caution:

- Use waste mode cautiously to avoid excessive water loss.

---

## **5. Recirculate Position**

Purpose:

- Circulates water without passing through the filter media.

Function:

- Useful for chemical treatments or troubleshooting circulation issues.

Operation Steps:

1. Turn off the pump.
2. Move the handle to Recirculate.
3. Power on the pump; water circulates directly back into the pool.

Benefits:

- Quick circulation without disturbing the filter media.

---

## **6. Closed Position**

Purpose:

- Shuts off all flow, effectively isolating the system.

Function:

- Used during maintenance or when replacing components.

Operation Steps:

1. Turn off the pump.
2. Turn the handle to Closed.
3. Ensure all connections are secure before restarting.

Warning:

- Running the pump with the valve in closed position can damage the pump; always turn off first.

---

## **How to Change Hayward Pool Filter Valve Positions Correctly**

Properly switching between valve positions ensures the longevity of your equipment and effective operation.

Step-by-Step Guide:

1. Turn Off the Pump:

Always power down the pump before moving the valve handle to prevent damage.

2. Relieve System Pressure:

If your system is pressurized, release pressure by opening the air relief valve.

3. Move the Handle Smoothly:

Gently rotate the handle to the desired position, ensuring it seats fully.

4. Secure the Handle:

Make sure the handle is firmly in place to prevent leaks.

5. Restart the Pump:

Turn the pump back on and verify proper operation.

---

# Common Troubleshooting and Tips for Hayward Pool Filter Valves

Proper maintenance and troubleshooting can extend the life of your system.

## 1. Leaking from the Valve

- Cause: Worn or misaligned seals or O-rings.
- Solution:
- Turn off the system.
- Disassemble the valve.
- Replace worn O-rings or seals.
- Lubricate O-rings with silicone grease before reassembly.

## 2. Difficulty Moving the Handle

- Cause: Dirt buildup, corrosion, or improper alignment.
- Solution:
- Clean internal parts.
- Lubricate with appropriate pool-safe lubricant.
- Avoid forcing the handle to prevent damage.

## 3. Inconsistent Water Flow

- Cause: Incorrect valve position, clogged media, or pump issues.
- Solution:
- Verify the handle is correctly positioned.
- Check and clean the filter media.
- Inspect the pump for blockages or malfunctions.

## 4. Replacing a Faulty Valve

- Procedure:
- Turn off and disconnect the system.
- Remove the faulty valve.
- Install a compatible replacement.
- Reassemble and test for leaks.

---

## **Best Practices for Maintaining Hayward Pool Filter Valves**

- Regular Inspection:

Check for leaks, cracks, or wear at least once per season.

- Routine Cleaning:

Clean internal parts and lubricate O-rings annually.

- Proper Storage:

If winterizing, ensure valves are clean and dry before shutting down.

- Use Correct Tools:

Avoid forcing handle movement; use appropriate tools if necessary.

- Follow Manufacturer Guidelines:

Always adhere to Hayward's recommendations for your specific model.

---

## **Conclusion**

Understanding the various Hayward pool filter valve positions and their functions is fundamental to maintaining an efficient and long-lasting pool filtration system. Whether you're backwashing to clean your filter, rinsing to settle media, draining water, or circulating without filtration, selecting the correct valve position ensures optimal pool health and equipment longevity.

By following proper procedures for changing valve positions, performing routine maintenance, and troubleshooting common issues, you can enjoy a cleaner, safer swimming environment with minimal downtime. Regular attention to your Hayward pool filter valve system empowers you to take full control over your pool's filtration process, leading to a more enjoyable swimming experience year-round.

## **Frequently Asked Questions**

### **What do the different positions on a Hayward pool filter valve mean?**

Hayward pool filter valves typically have positions such as Filter, Backwash, Rinse, Waste, and Closed. Each position controls the flow of water through the system for cleaning,

draining, or filtering the pool water.

## **How do I switch my Hayward pool filter valve from Filter to Backwash?**

To switch from Filter to Backwash, turn off the pump, then rotate the valve handle to the Backwash position. Turn the pump back on to flush out debris. After backwashing, return the valve to the Filter position.

## **Why is my pool water cloudy after switching the Hayward valve to Rinse?**

Cloudy water after rinsing can indicate that debris hasn't been fully cleared or that the rinse cycle was not run long enough. Ensure you run the Rinse setting for the recommended time before returning to Filter.

## **Can I leave the Hayward valve in the Closed position?**

Yes, but only temporarily. The Closed position stops water flow for maintenance or repairs. Do not leave it in this position during normal operation to prevent pump damage and ensure proper filtration.

## **How often should I switch my Hayward pool filter valve between different positions?**

You should switch to Backwash or Rinse only when necessary, such as when the pressure gauge indicates a dirty filter. Regularly check the pressure and only operate these positions as needed to maintain optimal filtration and system health.

## **Additional Resources**

Hayward Pool Filter Valve Positions: A Comprehensive Guide to Understanding, Operating, and Troubleshooting

**Hayward pool filter valve positions** are fundamental to maintaining a clean, healthy, and efficiently operating swimming pool. These multiport valves are designed to control the flow of water through the filtration system, ensuring that water is properly filtered, backwashed, or diverted as needed. For pool owners and technicians alike, understanding the various valve positions, their functions, and how to troubleshoot common issues is essential for optimal pool management. This article provides an in-depth review of Hayward pool filter valve positions, explaining their uses, configurations, and best practices in operation and maintenance.

# Understanding Hayward Pool Filter Valves

## What Is a Multiport Valve?

A multiport valve is a critical component of many pool filtration systems, particularly sand and DE filters. It allows the user to select different modes of operation by turning the valve handle to specific positions. Hayward, a leading manufacturer in pool equipment, produces reliable and user-friendly multiport valves designed for easy control and durability.

These valves typically feature a dial with multiple labeled positions, each corresponding to a different function. By rotating the handle, pool owners can control the flow of water through the system, switching between filtration, backwashing, rinsing, and other modes.

## Components of a Hayward Valve

- Handle/Lever: Used to select the desired valve position.
- Position Labels: Indicate the function of each mode.
- Inlet and Outlet Ports: Connect to the pool, pump, and filter system.
- O-Rings and Seals: Ensure watertight operation across different positions.
- Body: The main housing that contains the internal flow paths.

Understanding these components helps in troubleshooting and correctly operating the valve.

## Common Hayward Pool Filter Valve Positions and Their Functions

The typical Hayward multiport valve includes several key positions. While exact labels may vary slightly depending on model, the core functions remain consistent across most models.

### 1. Filter

**Purpose:** The default position for normal operation. Water from the pool is pumped through the filter to remove debris and impurities before returning to the pool.

**Operation:** When set to "Filter," water flows into the filter tank, passes through the filtering medium (sand, DE, or cartridge), and exits back into the pool.

**Best Practices:** Always set the valve to "Filter" during regular filtration cycles.

## **2. Backwash**

**Purpose:** To clean the filter media by reversing the flow of water, flushing out accumulated debris and contaminants.

**Operation:** Water flows backward through the filter media, carrying debris out through a waste line or drain. The process is typically initiated after the filter's pressure gauge indicates a high-pressure reading.

**Procedure:**

- Turn off the pump.
- Rotate the valve handle to "Backwash."
- Turn the pump back on and run until the water in the sight glass or waste line runs clear (usually 2-3 minutes).
- Turn off the pump before returning the handle to "Filter" or other positions.

**Caution:** Always backwash in a well-ventilated area; avoid backwashing unnecessarily to conserve water.

## **3. Rinse**

**Purpose:** To settle the media after backwashing and remove residual debris before returning to normal filtration.

**Operation:** Water flows through the filter media in the normal direction but is diverted to waste or drain. This helps prevent debris from re-entering the pool.

**Procedure:**

- After backwashing, set the valve to "Rinse."
- Run the pump for about 30 seconds to 1 minute.
- Return the valve to "Filter."

## **4. Waste (or Drain)**

**Purpose:** To directly drain pool water or remove debris from the system without passing through the filter media.

**Operation:** Water is diverted straight out of the waste line, useful for lowering water levels or removing large debris.

**Note:** During this mode, the pump should be run with caution, and the valve must be securely set to prevent leaks.

## **5. Closed**

**Purpose:** To shut off all flow, used during maintenance or when replacing components.

**Operation:** No water flows through the system when in the "Closed" position.

Caution: Do not run the pump in this position as it can damage the equipment.

## **6. Winter/Recirculate (if available)**

- Winter: For winterizing the system, preventing freeze damage.
- Recirculate: For circulating water without filtering, often used for chemical treatments.

## **Operational Tips for Hayward Valve Positions**

### **Switching Between Positions**

- Always turn off the pump before changing the valve position to prevent damage.
- Rotate the handle smoothly. Do not force the handle if it resists, as this could damage the internal components.
- Confirm that the handle is fully engaged in the desired position to prevent leaks or misoperation.

### **Maintaining Proper Flow and Pressure**

- Regularly monitor pressure gauges; high pressure often indicates dirty filters requiring backwashing.
- Avoid running the pump in "Backwash" or "Waste" modes for extended periods to prevent unnecessary water loss.
- Use the "Rinse" cycle after backwashing to settle the media and prevent debris from re-entering the pool.

### **Best Practices in Operation**

- Schedule regular backwashing based on pressure readings rather than a fixed time.
- Always return the valve to "Filter" after backwashing or rinsing.
- Keep a record of maintenance activities to track filter performance and identify issues early.

## **Troubleshooting Common Problems with Hayward Pool Filter Valves**

### **Leaks Around the Valve**

- Cause: Worn or damaged O-rings, improper installation, or cracks in the valve body.
- Solution: Inspect O-rings for wear; replace if damaged. Ensure the valve handle is securely tightened but not overtightened.

## Difficulty Changing Positions

- Cause: Corrosion, debris buildup, or internal damage.
- Solution: Clean the valve internals; lubricate moving parts with a suitable lubricant. If internal damage is suspected, replace the valve.

## Persistent High Pressure

- Cause: Clogged filter media or debris buildup.
- Solution: Perform backwashing and rinse cycles. Check for obstructions or leaks in the system.

## Water Leakage When Valve Is Closed

- Cause: Faulty seals or improper handling.
- Solution: Replace seals or O-rings; ensure the handle is fully engaged in the "Closed" position.

## Conclusion: Maximizing the Efficiency and Longevity of Your Hayward Pool System

A thorough understanding of Hayward pool filter valve positions is crucial for effective pool management. Proper operation involves knowing the distinct functions of each position, switching between modes safely, and performing routine maintenance to prevent common issues. Regularly inspecting valve components, replacing worn seals, and adhering to best practices in operation not only prolongs the lifespan of these essential components but also ensures your pool remains clean, safe, and inviting.

By mastering the nuances of valve positions—whether filtering, backwashing, rinsing, or draining—you can optimize your pool's performance, reduce operational costs, and enjoy a crystal-clear swimming experience throughout the season. Remember, when in doubt, consulting the specific Hayward model manual or seeking professional advice can help resolve complex issues and maintain system integrity.

In essence, understanding and properly managing Hayward pool filter valve positions is a cornerstone of responsible pool ownership, blending technical knowledge with practical maintenance to achieve the best possible swimming environment.

## [Hayward Pool Filter Valve Positions](#)

**hayward pool filter valve positions:** *The Complete Pool Manual for Homeowners & Professionals* Dan Hardy, 2007 Described as a lifesaver for pool owners, this book reveals how to save money on pool maintenance while handling poisons safely. Pool doctor Hardy draws on his 20 years of experience in the industry to reveal everything homeowners and professionals need to know

about chemicals, mechanics, safety, repairing filtration, and more.

**hayward pool filter valve positions:** [Pool Care For Dummies](#) Kristine Blanchard, 2023-05-16 Crystal-clear advice for maintaining a crystal-clear swimming pool Keeping a swimming pool ready for use requires some chemistry know-how, an understanding of how pool mechanics work, and some time spent doing good old-fashioned cleaning work. Pool Care For Dummies offers a reliable, comprehensive resource for building the knowledge that lets you turn pool maintenance into a do-it-yourself task. Written by a certified swimming pool professional who started taking care of pools when she was 5 years old, this book helps you separate the good advice from the bad as you learn to build an upkeep schedule, figure out what chemicals you actually need and which are less-than-magical potions, and fix the common problems that plague all pool owners. With so much trustworthy pool care advice in one place, you can finally cut back on time spent searching for swimming pool advice and more time splashing with your friends and family! Learn how pools work and get the tools you need to keep your pool running Test your water and maintain a safe swimming environment Care for your and balance your above-ground or in-ground pool Know what to do when unexpected problems arise Private pool owners who need to know what's what in the water will love this clear and complete Dummies guide.

**hayward pool filter valve positions:** [The Engineer](#) , 1878

**hayward pool filter valve positions:** [Power Engineering](#) , 1979

**hayward pool filter valve positions:** [Thomas Register of American Manufacturers and Thomas Register Catalog File](#) , 1997 Vols. for 1970-71 includes manufacturers catalogs.

**hayward pool filter valve positions:** [Patents for inventions](#) , 1932

**hayward pool filter valve positions:** [Mining and Scientific Press](#) , 1893

**hayward pool filter valve positions:** [Municipal Index and Atlas](#) , 1956

**hayward pool filter valve positions:** [Power](#) , 1956

**hayward pool filter valve positions:** [Machinery Market](#) , 1948

**hayward pool filter valve positions:** *How to Clean and Service Your HAYWARD Pool Filter* Stan BLAKENEY, 2020-04-24 This book will show you how to completely disassemble, clean, inspect, reassemble, and service your Hayward D.E. Seris Pool Filter.

## Related to hayward pool filter valve positions

**Welcome to Hayward Residential and Commercial Pool Products** Hayward offers environmentally responsible, cutting-edge pool and spa equipment for residential and commercial, in-ground and above-ground pools

**Home Hayward** Hayward Flow Control isn't your run-of-the-mill thermoplastic flow controls manufacturer. We stand alone in offering the leading American solution with engineering, manufacturing,

**City of Hayward - Official website** From the peaks of the eastern hills to the city's pristine shoreline, 150,000 people call Hayward home and nearly 65,000 pursue their education in the Heart of the Bay

**Hayward, California - Wikipedia** Bay Area Rapid Transit (BART), the regional rapid transit system, has two stations in Hayward: the Hayward station, in downtown; and the South Hayward station, near the Hayward-Union

**Hayward Pool Products | Hayward Pool Products** Experience excellence with Hayward pool products. From energy-efficient pumps to reliable filters and advanced automation, we make pool care effortless

**Hayward Distributing Co.** Hayward is a distributor of over seventy brands of top-quality goods. Our mission is to provide prompt and accurate delivery to thousands of retailers. Click below to view our new 3-Point

**Hayward Pool Products | Pool Supply Unlimited** Whether you are looking to upgrade your pool equipment, enhance your water quality, or ensure efficient pool maintenance, Hayward offers a wide range of high-quality

**Hayward - Leslie's Pool Supplies** For almost a century, Hayward has been redefining the ultimate pool experience every day. When you choose Hayward products, you share in that legacy - in their proud tradition of chasing

**Hayward Pools at** Find Hayward pools at Lowe's today. Shop pools and a variety of outdoors products online at Lowes.com

**Hayward Pool Products Contact Us Information** Hayward® is America's first choice for residential and commercial swimming pool and spa equipment. We manufacture the Hayward Rewards™ System and sell our products direct to

**Welcome to Hayward Residential and Commercial Pool Products** Hayward offers environmentally responsible, cutting-edge pool and spa equipment for residential and commercial, in-ground and above-ground pools

**Home Hayward** Hayward Flow Control isn't your run-of-the-mill thermoplastic flow controls manufacturer. We stand alone in offering the leading American solution with engineering, manufacturing,

**City of Hayward - Official website** From the peaks of the eastern hills to the city's pristine shoreline, 150,000 people call Hayward home and nearly 65,000 pursue their education in the Heart of the Bay

**Hayward, California - Wikipedia** Bay Area Rapid Transit (BART), the regional rapid transit system, has two stations in Hayward: the Hayward station, in downtown; and the South Hayward station, near the Hayward-Union

**Hayward Pool Products | Hayward Pool Products** Experience excellence with Hayward pool products. From energy-efficient pumps to reliable filters and advanced automation, we make pool care effortless

**Hayward Distributing Co.** Hayward is a distributor of over seventy brands of top-quality goods. Our mission is to provide prompt and accurate delivery to thousands of retailers. Click below to view our new 3-Point

**Hayward Pool Products | Pool Supply Unlimited** Whether you are looking to upgrade your pool equipment, enhance your water quality, or ensure efficient pool maintenance, Hayward offers a wide range of high-quality

**Hayward - Leslie's Pool Supplies** For almost a century, Hayward has been redefining the ultimate pool experience every day. When you choose Hayward products, you share in that legacy - in their proud tradition of chasing

**Hayward Pools at** Find Hayward pools at Lowe's today. Shop pools and a variety of outdoors products online at Lowes.com

**Hayward Pool Products Contact Us Information** Hayward® is America's first choice for residential and commercial swimming pool and spa equipment. We manufacture the Hayward Rewards™ System and sell our products direct to

## Related Articles

- [excel formula cheat sheet 2021 pdf](#)
- [comptia cert download](#)
- [essential mathematics for quantum computing pdf download](#)

[Back to Home](#)