



# WATER & WASTEWATER TREATMENT MADE EASY...

## Get The Advantage Of Hayward Thermoplastic Flow Control Solutions For Your Water & Wastewater Treatment Systems...

- Constructed with industry leading materials to prevent contamination of sensitive fluids
- Ability to handle harsh chemicals and environments
- Outstanding long-term performance in highly corrosive and caustic applications
- Economical life cycle cost vs. traditionally specified materials
- World class quality, standards, and performance

## MEETING THE DEMANDS FOR CLEAN & SAFE WATER ...

For more than 60 years, Hayward Flow Control's thermoplastic flow control products and solutions have proven to excel in the critical environments and applications they serve. Thousands of customers worldwide have installed our products into water & wastewater treatment systems where the corrosion resistance and strictest chemical balance is required to keep up with the growing demands of progressive water treatment technologies.

We understand the precise requirements for water & wastewater treatment systems and are committed to offering advantageous fluid handling products for your application that will keep your systems working right for years to come. Hayward solutions are ready for your installations needs and requirements, from drinking and wastewater treatment to industrial water treatment.

Our industry-leading products are ideally suited for the vast range of requirements for specific applications in water & wastewater treatment, including, but not restricted to:

- Chemical Dosing / Dilution
- Reverse Osmosis
- Desalination
- Membrane Systems
- Neutralization Process
- Media Filtration
- Chemical Transfer / Handling

Hayward Flow Control products carry an industry-leading, full two-year warranty, as well as NSF61-G Listing for key product lines for use in water & wastewater treatment. As an ISO 9001:2008 certified company, we strive for the highest quality product possible for use in a wide range of demanding applications.



### Ball Valves

Full range of thermoplastic ball valves in PVC, CPVC and GFPP materials from sizes ½"– 6". Features True-Union design with Socket, Threaded, Fusion, or Flanged end connectors. "Z" Series version with drilled ball design ideal for Sodium Hypochlorite applications in PVC and CPVC, as well as Profile2™ for Proportional control requirements. Also includes 3-way Horizontal and Lateral ball valves in PVC and CPVC from ½" through 6". All valves designed for easy actuation. Pressure ratings of 250psi/150psi at 70°F non-shock up through 2" / 235psi/150psi at 70°F non-shock up through 6".

- Full Port Design
- Reversible PTFE Seats
- Double O-ring Stem Seals
- Available with Pneumatic or Electric Actuation

### Butterfly Valves

A corrosion resistant alternative to Industrial metal valves, Hayward offers butterfly valves in PVC, CPVC or GFPP materials, sizes 2" - 24". Available with Hand Lever, Gear Box or with Actuation. Pressure rating of 150psi at 70°F non-shock up through 12".

- Choice of Viton®, EPDM and Nitrile Liners
- 316SS or 410SS Stem Material
- Available in ANSI Class150 or PN10 Flange Patterns
- Available with Pneumatic or Electric Actuation
- Complies to ANSI B16.10 in sizes 2" - 12"



### Check Valves

Complete range in PVC, CPVC, PP and GFPP materials with EPDM or FPM seals. The Hayward range includes ball and Y-pattern, Wafer and Full Pattern Wafer and Swing check designs up to 12". All check valves through 8" are pressure rated for 150psi at 70°F non-shock.

- Socket, Threaded and Flanged Ends for Ball & Y-Checks
- ANSI150 Flanged Ends for Swing and Wafer Check Valves
- Spring Return Options
- Lightweight Design



## Actuation and Controls

Hayward's industry-leading range of rugged electric and pneumatic actuators for quarter turn valves from 60 in-lbs to 177,000 in-lbs torque. Ideal for all Hayward valves from 1/2" through 24".

Double acting and spring return designs for pneumatic actuators as well as spring return and battery back-ups for electric actuators.



- Housings in GFPP, Polyamide and Epoxy Coated Cast Aluminum
- Multiple Voltages for Electrical Actuators Available
- ISO5211 Mounting Pattern on all Actuators
- Large Range of Options & Accessories

## Flow Control Valves

Specialty thermoplastic control valves, including diaphragm, pressure relief, pressure regulating needle, labcock, and angle valves. Ideal for controlling or regulating flow when it counts. Available in multiple materials and sizes through 6".



- Diaphragm Valves in PVC and CPVC, sizes 1/2" through 6"
- Pressure Regulator, Relief and Angle Valves Available in PVC and CPVC Up through 4"
- Available with EPDM, FPM or PTFE Seals or Diaphragms
- Threaded, Socket or Flanged End Connections. True Union Connections on Specific Product Lines

## Metering Pumps

The Z Series Solenoid Diaphragm Metering Pumps bring simplicity to your metering pump needs in all aspects of design, function and performance. The Z Series features only one design configuration for all sizes. Front facing controls, tubing and wiring connections allow for easy and flexible installation.



- Analog and Digital Interface
- Three Pump Sizes Cover 1 To 29 GPH
- Standard One Piece Molded PVDF Pump Head
- Injection Molded PTFE Diaphragm Standard
- NEMA 4X Design / IP65 Rated

## Bulkhead Fittings and Tank Accessories

The industry-leading range of corrosion resistant Bulkhead Fittings from 1/2" - 6" in short or long pattern. Now featuring Tank-Tite™ Compression Spring Pack to prevent tank seepage. Other Tank Accessories include Self Aligning Bulkhead Fittings, Air Release Valves, Vacuum Breakers, Ready-Flanges and Gauge Guards.

- Bulkhead Fittings Pressure Rated for 150psi at 70°F non-shock
- PVC, CPVC, GFPP and PP Materials
- FPM or EPDM Gasket Seals



## Strainers

The industry leader for thermoplastic Basket and Y-strainers. Hayward's Basket Strainers range covers sizes 1/2" - 8" in PVC and CPVC and through 4" in GFPP and Eastar®. Available with True-Union Socket, Threaded, Fusion or Flanged ends. Hayward's Y-Strainers are available from 1/2" - 4" in PVC or CPVC with socket and threaded ends through 4", and flanged in 2" - 4" sizes. All strainers have a pressure rating of 150psi at 70°F non-shock.



- Available with EPDM or FPM Seals
- Stainless Steel 316, Monel and Hastelloy® Screens and Baskets Optional
- Hand-Removable Cover with Liquid Displacement for Basket Strainers
- Available in Duplex Configurations for Basket Strainers



## Bag and Cartridge Filters

Thermoplastic Single and Double length bag and cartridge filters for superior corrosion resistance and performance. Available in GFPP, PVC and CPVC materials with True-Union Socket, Threaded, Fusion or Flanged connections. Rated up to 150 GPM flow rates, with a pressure rating of 150psi at 70°F non-shock. Available for 16" (size 1) and 32" (size 2) lengths.

- Hand-Removable Cover Design with Liquid Displacement Dome
- Threaded, Socket, Fusion and Flanged Connections, Sizes 1-1/4" - 4"
- Available in Simplex, Duplex, Triplex or Quadplex Configurations
- Complete Range of Filter Bags from 1µm to 800µm
- Complete Range of Pleated Cartridges from 1 micron to 30 micron



Hayward's Customer and Technical Service teams stand ready to assist you with general and technical inquiries about our products, applications, inventory, purchase orders, literature and price lists. We take great care to provide our customers with the best service in the industry.

For more information, please contact us at **1.888.429.4635**.

See us also at [haywardflowcontrol.com](http://haywardflowcontrol.com).



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