



WHY SETTLE FOR METAL?

Get the Hayward® thermoplastic advantage.

Handle fluids and chemicals with confidence.

Hayward's industry-leading thermoplastic Flow Control products mean high resistance to corrosion, freedom from scale and rust, and non-contamination of sensitive fluids. Constant and prolonged operation will not fatigue Hayward products, so look forward to years of maintenance-free service.

HAYWARD® FLOW CONTROL –

REVOLUTIONIZING THE FLOW...

For more than 50 years, Hayward Flow Control's thermoplastic fluid handling products and solutions have proven to excel in the harshest environments. Thousands of customers worldwide have installed our products into aggressive and corrosive systems, as well as delicate life support systems where the strictest chemical balance is required. We understand the rigorous demands of industrial piping and are committed to offering advantageous products for your application that will keep your systems working.

Hayward has solutions ready for the demanding needs of hydraulic fracturing. Our flow control products are suited for the vast range of requirements of hydraulic fracturing where corrosion and chemical resistance are critical, including, but not restricted to:

- Chemical tanker trucks or container supply
- On-site filtration of the discharge of corrosive fluids
- Potable water management systems
- Storage tank fluid handling
- Transfer stations



Hayward Flow Control products carry an industry-leading, full two-year warranty. 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 1/2" – 6". Features True-Union design with socket, threaded or flanged end connectors. Also includes 3-way Horizontal and Lateral ball valves in PVC and CPVC. All valves designed for easy actuation. Pressure rating of 250psi/150psi at 70°F non-shock up through 2" and 235psi/150psi at 70°F non-shock up through 4".

- Full Port Design
- Reversible PTFE Seats
- Double O-ring Stem Seals

Butterfly Valves

A corrosion resistant alternative to 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 FPM, EPDM and Nitrile Liners
- SS, Titanium and Hastelloy® Stem Materials
- Stainless Steel Lugs Optional



Check Valves

Available 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, sizes 1/2" – 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
- True-Union Ball & Y-Checks
- Spring Return Options
- Lightweight Design



Actuation and Controls

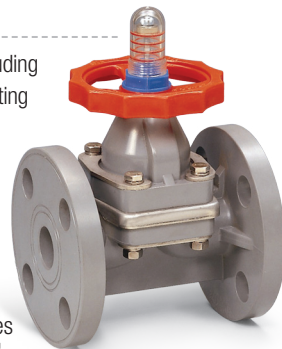
Hayward's industry-leading range of rugged electric and pneumatic actuators for quarter turn valves from 60 in-lbs to 13,500 in-lbs torque. Ideal for all Hayward valves from ½" through 24". Double acting and spring return designs for pneumatic actuators as well as spring return and battery back-ups for electric actuators.



- Housings in PP, Polyamide and Epoxy Coated Aluminum
- Lightweight Design
- ISO5211 Mounting Pattern on all Actuators
- Large range of options & accessories

Flow Control Valves

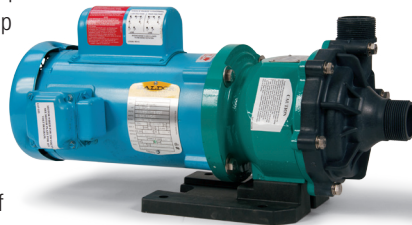
Specialty thermoplastic control valves, including diaphragm, pressure relief, pressure regulating and angle valves. Ideal for controlling or regulating flow when it counts. All Flow Control valves have a pressure rating of 150psi at 70°F non-shock up through 4".



- Diaphragm valves in PVC, CPVC, PP and PVDF. Sizes up through 6"
- Pressure Regulator, Relief and Angle Valves Available in PVC and CPVC up through 2"
- Available with EPDM or FPM Seals. Also with PTFE Diaphragms
- True-Union Socket or Threaded and Flanged End Connections

Pumps

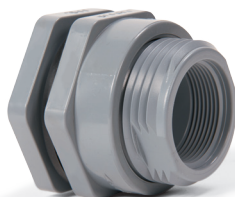
Heavy Duty Vertical Seal-Less, Centrifugal and Magnetic Drive Pumps made from CPVC, PP, GFPP and PVDF. High corrosion resistance due to thermoplastic construction with no metal contact with process fluids. Ideal for corrosive medias and high temperature applications. Available in 1/8hp through 5hp sizes.



- Low Friction Operation
- No Seals to Leak or Replace
- Impeller Trim Variations
- Wash-Down Explosion-Proof Motors Available

Bulkhead Fittings and Tank Accessories

The industry-leading range of corrosion resistant Bulkhead Fittings from 1/2" to 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 and PP Materials
- Left Hand Full Buttress Threads
- FPM and EPDM Gasket Seals

Strainers

The industry leader for thermoplastic basket and y-strainers, Hayward's product offering includes ½" through 8" in PVC and CPVC materials and through 4" in GFPP and Eastar® polyester. Available with True-Union socket, threaded, or flanged ends through 4", as well as socket and threaded ends through 4" for y-strainers. All strainers have a pressure rating of 150psi at 70°F non-shock.



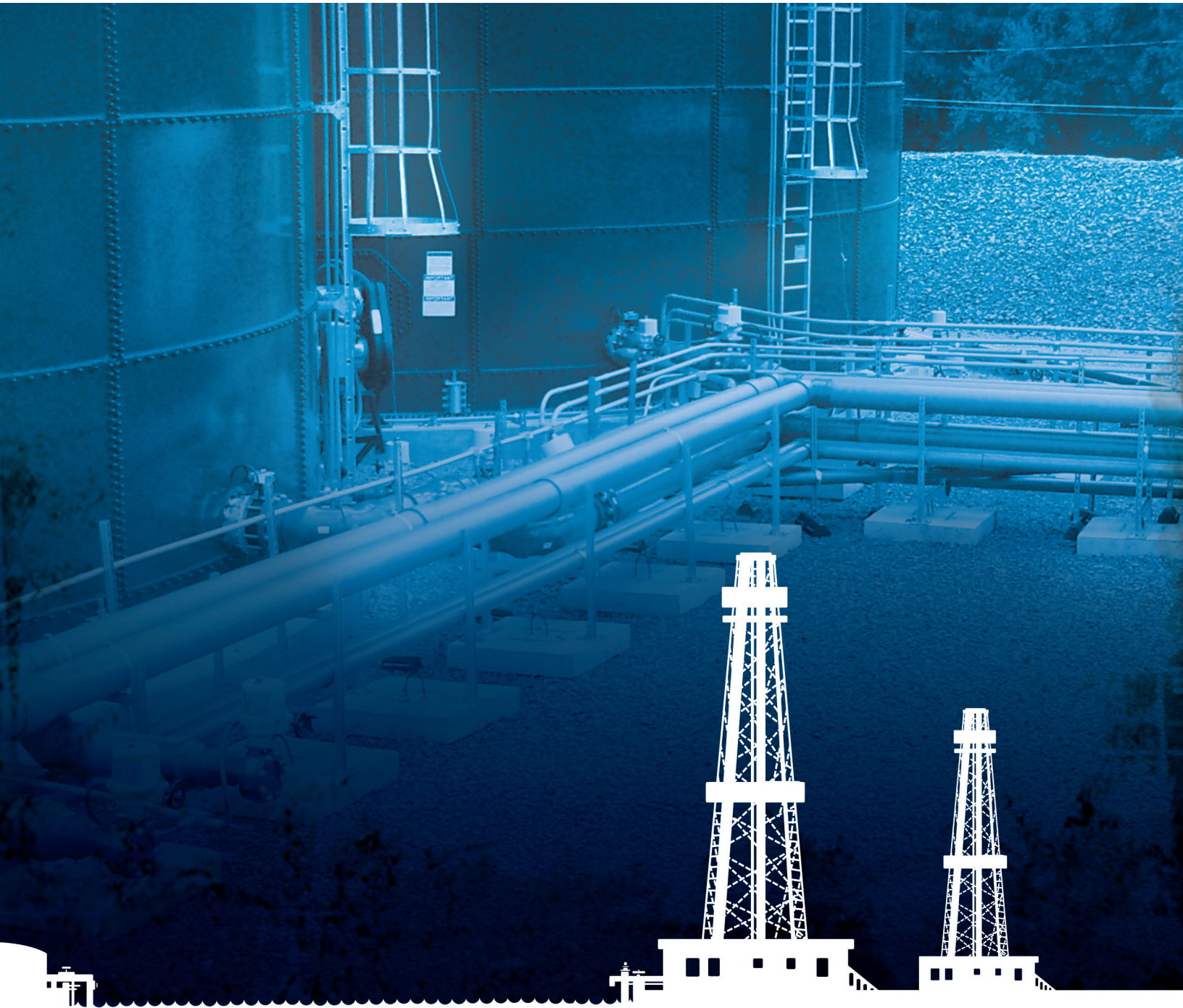
- Available with EPDM or FPM Seals
- Stainless Steel 316, Monel and Hastelloy® Screens and Baskets Optional
- Hand-Removable Cover with Liquid Displacement for Basket Strainers
- Available in Duplex Configurations for Basket Strainers



Filter Vessels

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 or Flanged connections. Rated up to 150 GPM flow rates, with a pressure rating of 150psi at 70°F non-shock.

- Hand-Removable Cover Design
- Threaded, Socket 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



Hayward 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 hflow@haywardnet.com or **1-888-429-4635**

See us also at haywardflowcontrol.com



Hayward is a registered trademark of Hayward Industries, Inc. Tank-Tite is a trademark of Hayward Industries, Inc., Eastar is a trademark of Eastman. Hastelloy is a trademark of Haynes International, inc. © 2012 Hayward Industries, Inc.

