



VALVES, REGULATORS, BREAKERS AND FITTINGS

Pressure Relief Valves 1/2" to 2"-PVC



Reliable Pressure Relief

Hayward Pressure Relief Valve protects piping system components from damage due to overpressurization. The valves work by sensing system pressure. When the system pressure exceeds the set pressure, the force of the excess pressure moves the valve piston off its seat to relieve the excess pressure and diverts some of the flow out the discharge port.

Easy to Set Pressure

Hayward Pressure Relief Valves can be set by hand-no tools are needed-to relieve pressures from 5 to 75 psi. Each size of relief valve is designed to cover this complete pressure range with just one, non-wetted, plastic-coated spring. There's no need to change springs for different pressure ranges as with ordinary relief valves.

Molded Gauge Port An integrally-molded 1/4" NPT gauge port on the valve body makes installation of a gauge to monitor the relief pressure easy. No drilling or extra fittings are needed.

No Corrosion Failure These all-plastic relief valves have no metal parts and will never fail, jam, or stick because of rusted or corroded components. They also require no painting or epoxy coatings to survive corrosive environments.

Dimensions-Inches

Size	Weight (lb / kg)
1/2"	0.50 / .23
3/4"	0.75 / .34
1"	1.00 / .34
1-1/2"	2.50 / 1.14
2"	3.50 / 1.59

Selection Chart

Size	Material	End Conn.	Seals	Pressure Setting	Pressure Rating
1/4" to 2"	PVC	Threaded	Viton® and EPDM	5 to 75 psi	150 psi @ 70F Non-Shock

Pressure Regulators 1/4" to 1-1/2"-PVC



Reliable Pressure Regulation

Hayward Pressure Regulators prevent downstream pressure from exceeding a preset pressure. When the upstream pressure increases beyond the set pressure of the regulator, the regulator prevents the downstream pressure from exceeding the set pressure.

Easy to Set Pressure

Hayward Pressure Regulators can be set by hand, no tools are needed, to control downstream pressures from 5 to 75 psi. Each size regulator is designed to cover this complete pressure range with just one, non-wetted, plastic-coated spring. There's no need to change springs for different pressure ranges as with ordinary regulators.

Molded Gauge Port An integrally molded 1/4" NPT gauge port on the valve body makes installation of a gauge to monitor downstream pressure easy. No drilling or extra fittings are needed.

No Corrosion Failure These all-plastic regulators have no metal parts and will never fail, jam, or stick because of rusted or corroded components. They also require no painting or epoxy coatings to survive corrosive environments.

Dimensions-Inches

Size	Weight (lb / kg)
1/4"	1.38 / .63
1/2"	1.38 / .63
3/4"	1.38 / .63
1"	4.75 / 2.16
1-1/2"	4.75 / 2.16

Selection Chart

Size	Material	End Conn.	Seals	Pressure Setting	Pressure Rating
1/4" to 1-1/2"	PVC	Threaded	Viton®	5 to 75 psi	150 psi @ 70F Non-Shock

Vacuum Breaker 3/4", PVC

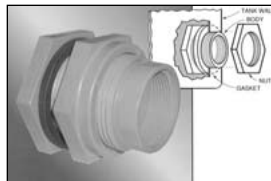


Features

- Reliable venting of tanks and piping systems
- Advanced design for fast draining
- Easy installation
- Compact
- No metal parts to stick or jam
- Viton® membrane
- Can mount to 1-1/2" bulkhead fitting

Vacuum breaker mounted to bulkhead fitting

Bulkhead Fittings 1/2" to 4", PVC, Corzan® CPVC and PPL



Features

- Safe-T-Loc™ design
- Buttress threads protect against blowout
- Hex body for one-person installation
- Rated at a full 150 psi

Minimum Inside Diameters of Tanks for Safe-T-Loc Bulkhead Fitting Installation

Bulkhead Size	Min. Rigid Tank I.D.	Min. Flexible Tank I.D.
1/2"	7.25"	5.56"
3/4"	10.00"	7.75"
1"	11.75"	8.94"
1-1/4"	16.25"	12.19"
1-1/2"	16.25"	12.19"
2"	25.75"	19.38"
3"	42.50"	36.25"
4"	90.00"	76.81"

Selection Chart

Size	Material	End Connection	Seals	Pressure Rating
1/2"-4"	PVC CPVC PPL	Socket x Thread, Thread x Thread Socket x Thread Thread x Thread	EPDM or Viton®	150 psi @ 70°F non-shock



CONTROL VALVES

Universal StopCocks™-1/4" PVC



For on/off, restricted flow or sampling applications, the Hayward StopCock is easily adaptable to any piping connection. Furnished with the valve is a 1/4" NPT female pipe thread, 1/4" NPT male pipe thread and hose barb end connectors for 1/4" through 7/16" I.D. tubing. These allow the valve to be fitted with up to six different end connection combinations. Simply attach the end connections you need—they are all supplied with each valve.

Features

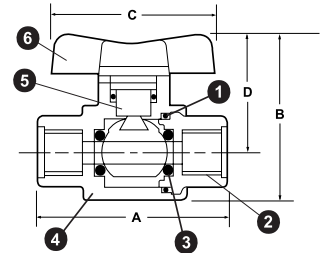
- Six Different End Connections
- All Plastic, No Rust, No Corrosion
- EPDM Seats and Seals
- Hex Wrench Included

- Rated to 150 psi @ 70F
- Ideal for Labs & Sampling
- End Connection Combinations
 - FPT X FPT, FPT X MPT
 - FPT X Hose, MPT X MPT
 - MPT X Hose, MPT X MPT
 - MPT X Hose, Hose X Hose

Dimensions-Inches/Millimeters

End Conn.	Weight (lb / kg)
FPT X FPT	.2 / .09
FPT X MPT	.2 / .09
FPT X Hose	.2 / .09
MPT X MPT	.2 / .09
MPT X Hose	.2 / .09
Hose X Hose	.2 / .09

Universal StopCock™



Parts List

1. O Ring
2. End Connector
3. Seat
4. Body
5. Stem
6. Handle

Needle Valves-1/4", 3/8" and 1/2"-PVC or PPL



Needle Valves are used for accurate metering of fluids. Turning the thumbwheel moves a tapered piston into the PTFE seat to control the flow down to a few drops per minute. Precision-molded, fine-pitched stem threads permit this very fine metering flow control

Features

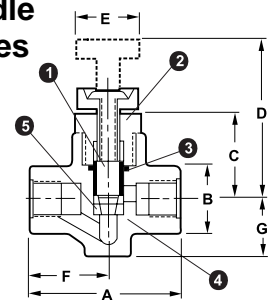
- Lugs for Panel Mounting
- Adjustable Without Tools
- Fine Pitch Stem Thread
- Rated at 150 PSI @ 70F

- PVC or PPL Construction
- Viton® Seals
- PTFE Seats
- All Plastic, No Rust or Corrosion
- Threaded NPT Connections

Dimensions-Inches/Millimeters

Size	Weight (lb / kg)
1/4"	0.13 / .06
3/8"	0.13 / .06
1/2"	0.13 / .06

Needle Valves



Parts List

1. Stem
2. Bonnet
3. O Ring
4. Body
5. TFE Seat

Angle Valves-1/4" to 2"-PVC



Hayward Angle Valves are used in tight spaces where a 90° change in flow direction is needed and there is insufficient room for extra fittings. Since they are globe valves, they are ideal for sampling and throttling applications.

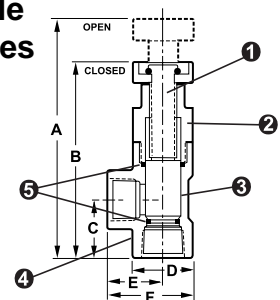
Features

- All Plastic, No Rust or Corrosion
- No Required Adjustments
- Viton® Seat and Seals
- Threaded NPT Connections
- Space Saving 90° Design
- Fine Pitch Stem Threads
- Mounting Lugs on 1/4" Valve
- Rated at 150 PSI @ 70F

Dimensions-Inches/Millimeters

Size	Weight (lb / kg)	Cv
1/4"	0.13 / .06	1.0
1/2"	.38 / .17	5.0
3/4"	.50 / .20	10.0
1"	.63 / .29	16.0
1-1/2"	1.75 / .80	45.0
2"	2.63 / 1.20	70.0

Angle Valves



Parts List

1. Stem
2. Bonnet
3. Piston
4. Body
5. O Ring

"We carry the most complete line of Hayward products—call us."