

Hayward 3-Port PSV Diverter Valve

CPVC Material

This 3-way full flow PSV diverter valve makes water flow management simple and easy. The full-flow valves are available with either a 1-1/2" or 2" internal fit. Sturdy CPVC construction ensures a long life and resistance to higher temperatures. The handle is removable without tools and allows for quick and easy port customization.

Hayward ball valves are non-corrosive, durable valves designed for maximum flow efficiencies with pressure ratings up to 50 psi. They feature a dial handle for easy flow regulation and visual indication of valve setting, plus teflon seats for dependable sealing. A union end connector accurately aligns the ball and provides simple disassembly of piping connections.

Diverter valves allow you to change the water flow direction in your pool. Hayward's new 3-way valves are engineered to maximize water flow and maintain backpressure—two very important factors in effective water flow management.

Product Features:

- Available in standard 1 1/2" - 2" and 2 - 2 1/2" sizes
- Temperature and chemical resistant CPVC material
- Removable handle for easy port customization
- Can be used with 3-Way Actuator for easy automation
- 1 Year Manufacturer's Warranty

Applications:

- Solar Heating System Control
- Gas Heater Bypass Valve
- Heat Pump Bypass Valve
- Pool/Spa Valve Combinations
- Fountains/Waterfalls

Technical Specifications:

The 3-Way Hayward valve is available in standard size 1 1/2" pool input to 2" solar system connection, or in the oversized 2" pool input to 2 1/2" solar system connection.

Models

- PSV3S - 1.5 inch I.D. / 2 inch O.D. – Plumb 1.5" PVC pipe into the valve outlet or put a 2" Fitting over the valve outlet.
- PSV3S2 - 2 inch I.D. / 2.5 inch O.D. – Plumb 2" PVC pipe into the valve outlet or put a 2.5" Fitting over the valve outlet.

Solar Heating System Control Application:

The 3-Way valve works in conjunction with either of the Goldline controller models, and is remotely operated using the Goldline Actuator.

When the controller is signaled by the sensors, and calls for solar heat pick-up, the 3-Way valve immediately activates. The opening "diverter" valve then directs the flow of circulation through the solar collectors using the pool's filtration pump.

Note: For a positive solar shutdown, or service to collectors during pump operation cycle, an isolation ball or gate valve must be used on the feed line for positive shut off.

All valves come with Positive Seal; for non-positive applications, it is necessary to remove the seal.

