



Overview

Hydrosel Canada's **AQUAEDUCT** Diaphragm Valves are engineered to provide superior handling of difficult media such as corrosive fluids, abrasives and slurries. They can also be used for high purity and sanitary applications.

Manual or automated

Available in manual or actuated (pneumatic or electric) models, the valves can be used for on/off and throttling service, and are self-draining on one side so that little to no dead volume remains in the valve. Standard material choices for the valve's body include PVC, CPVC, PVDF and PPL. Each is available with EPDM, Viton or PTFE diaphragms, allowing service in a wide range of applications.

Features

- Rated at 150 PSI
- Full Port Design
- True Union Functionality
- Position Indicator
- Easily Automated
- Suitable for ASTM, DIN, JIS and CNS systems
- NSF Compliant

Advanced Design

The valve controls flow by varying the space between a stationary weir and a moveable flexible diaphragm. By compressing the diaphragm against the weir, all flow is shut off. The only wetted components are the lower half of the valve body and the diaphragm. The diaphragm's stroke adjustment feature allows precise "tweaking" of diaphragm movement for very precise flow control. A large, sure-grip hand wheel makes it easy to open or close the valve, and a beacon-type indicator provides highly visible position indication at the top of the valve's rising stem.

Connection Options

Options include ANSI/DIN/JIS flanges and true union socket end connections.

Options

- Socket or Threaded Connectors
- Electric Actuators
- Pneumatic Actuators
- PVC, CPVC, PP and PVDF
- EPDM, Viton or Nitrile O-Rings