## DESCRIPTION
Valcor's V447 series are direct acting, gate type 2-way shut-off valves. The floating seal design allows for bi-directional flow capabilities, true in-line flow and a self cleaning wiping action when operated. These compact, non-code valves are capable of handling high temperatures and high pressures with Cv up to 1.0.

## APPLICATION
This valve is engineered for all liquid or gas applications in the Nuclear industry. Typical applications are feed water control systems, dump lines, make-up water, head vent systems, chemical injection systems, and monitoring/sampling systems.

## FEATURES
- Compact, non-code design
- In-line flow path
- Self-cleaning
- Meet ANS B31.1 requirements
- Body material stainless steel.
- Zero external leakage
- High cycle life; over 100,000 operations in most applications.
- Bi-directional flow available.
- Graphite (carbon) seals.
- Electrical components are totally enclosed, and meet minimum of NEMA 4 or better.
- Stress and seismic analysis available.
- Electrical connector/mating plug and mounting bracket available.
- Radiation resistance: Standard: 1x10^8 rads.
Specifications

Operating Pressure and Flow Ratings

<table>
<thead>
<tr>
<th>Media</th>
<th>Operating Pressure (PSIG)</th>
<th>Ambient Temp.</th>
<th>Min. Volts DC</th>
<th>Cv</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid or Gas</td>
<td>1250</td>
<td>200°F</td>
<td>24</td>
<td>1.0</td>
</tr>
</tbody>
</table>