SERIES RVD • Single Diaphragm Design

compact and economical; ideal for low through high pressure applications

Features:
- Single diaphragm provides quick response, prevents crystallization.
- Teflon® guides designed for smooth, chatter-free operation.
- Heavy-duty; machined from solid thermoplastics and built for corrosive applications.
- Designed for low maintenance and easy to adjust.
- Angle pattern in 1/4" and 1/2" pipe sizes.
- No wetted metal parts.

Design:
Series RVD angle pattern pressure relief valves features a single flat diaphragm which is an advantage where salt crystallization problems can cause valve sticking. Relief setting is infinitely adjustable from 5 psi to 150 psi. Maximum inlet pressure is 210 psi.

Materials of Construction:
Body in PVC, CPVC, Natural Polypro, Kynar PVDF and Teflon. Seals are available in EPDM or Viton®. The adjusting bolt, lock nut and fasteners are stainless steel. The control spring is plated steel. No metal parts are in contact with liquid.

Series RVD Model Numbers

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>PVC MODEL No.</th>
<th>POLYPRO* MODEL No.</th>
<th>PVDF MODEL No.</th>
<th>TEFILON MODEL No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>RVD025V-PV</td>
<td>RVD025V-PP</td>
<td>RVD025V-PF</td>
<td>RVD025V-TF</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>RVD050V-PV</td>
<td>RVD050V-PP</td>
<td>RVD050V-PF</td>
<td>RVD050V-TF</td>
</tr>
</tbody>
</table>

*Natural unpigmented polypropylene

For EPDM Seals change “V” to “EP”
For CPVC change -PV to -CP.

Series RVD Flow Characteristics

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