D & D2 PRESSURE REDUCING VALVE

APPLICATION DATA
- Pressure Regulating for Steam Distribution
- Regulating for Fluid, Gas and Vapor Process Control
- Processes with Small, Relatively Steady Flow Rates

VALVE RATINGS

<table>
<thead>
<tr>
<th>Construction</th>
<th>Pressure (PSIG)</th>
<th>Temperature (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast Iron</td>
<td>250 (17.2)</td>
<td>400 (204)</td>
</tr>
<tr>
<td>Cast Steel</td>
<td>600 (41.4)</td>
<td>750 (400)</td>
</tr>
</tbody>
</table>

SPRING PRESSURE RANGES (PSIG)

<table>
<thead>
<tr>
<th>TYPE D</th>
<th>TYPE D2</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-20</td>
<td>100-300</td>
</tr>
<tr>
<td>5-50</td>
<td></td>
</tr>
<tr>
<td>10-100</td>
<td></td>
</tr>
<tr>
<td>20-150</td>
<td></td>
</tr>
</tbody>
</table>

Canadian Registration # OC 0591.9C

TYPE D & D2 DIFFERENTIAL PRESSURE VALVE
SIZES 1/4" - 1/2"
PRESSURES to 600 PSIG at 750°F
- Self-contained
- Direct Operated
- Normally Open
- Packless Construction
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance
- Five Spring Ranges for Improved Control
- Utilizes Many Standard D/D2 Pilot Components

MODELS
- TYPE D VALVE — ±1 PSI control of delivery pressure between 3 and 150 PSI
- TYPE D2 VALVE — ±2 PSI control of delivery pressure between 100 and 300 PSI

OPTIONS
- Enclosed Spring Chamber
- Adjusting Handwheel
- Composition Disc
- Locking Device
- Wall Bracket

TYPICAL CONFIGURATIONS
- PRESSURE REDUCING .................... TYPE D VALVE
- PRESSURE REDUCING .................... TYPE D2 VALVE

Installation Tip: Add Uniflex Pipe Coupling for ease of maintenance
SEE PAGE 374
TYPE D & D2
DIFFERENTIAL PRESSURE VALVE

SPECIFICATION

The Valve shall be of normally open design with packless construction. A strainer Screen shall be built into the valve inlet. The valve shall be single-seated, spring loaded and diaphragm actuated.

MATERIALS OF CONSTRUCTION

- Body, Cast Iron: ASTM A126 Cl B
- Body, Cast Steel: ASTM A216 GR. WCB
- Stem: 303 St. Stl. ASTM A582 COND A
- Disc: 440 St. Stl. ASTM A276-75 COND A
- Seat: 420 St. Stl ASTM A276 COND A
- Gasket: Non-Asbestos
- Diaphragm: 301 St. Stl. MIL-5-5059C
- Spring: Inconel

**D Valve**
- Weight: 7.3 LBS. (3.3 KG)
- Dimensions:
  - 13/4" (45) x 63/4" (172) x 4 1/8" (117)

**D2 Valve**
- Weight: 10.6 LBS. (4.8 KG)
- Dimensions:
  - 3 3/8" (86) x 1 3/4" (45) x 12" (305)