TYPE D PRESSURE REDUCING PILOT

CONTROLS 3 to 300 PSIG

- Self Contained
- Spring Operated
- Normally Closed
- Packless Construction
- Fluid, Gas & Vapor Applications
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance

MODELS
- **TYPE D** for ±1 psi control of delivery pressures between 3 and 150 psi.
- **TYPE D2** for control of delivery pressures between 100 and 300 psi.
- **TYPE D5** for ±1/2 psi control of delivery pressures between 1 and 25 psi.
- **TYPE D120** for exceptionally fast response controlling delivery pressures between 5 and 150 psi.

OPTIONS
- Spring Chamber
- Composition Disc
- Integral Mount Body
- Vacuum Spring Assembly

TYPICAL CONFIGURATIONS
- PRESSURE REDUCING ................. TYPE ED
- PRESSURE REDUCING ................. TYPE E2D
- PRESSURE REDUCING ................. TYPE E5D
- PRESSURE REDUCING ................. TYPE E6D
- WATER PRESSURE REDUCING .......... TYPE C34D
- TEMPERATURE & PRESSURE .......... TYPE ET14D

APPLICATION DATA
- Pressure Regulating for Steam Distribution
- Regulating for Process Control
- Can be used with Temperature Pilot to Regulate Pressure on Temperature control Application

RATINGS (Maximum Inlet Conditions)

<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>450 (232)</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>
<th>TYPE D5</th>
<th>TYPE D120</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-20†</td>
<td>100-300</td>
<td>1-10</td>
<td>5-25</td>
</tr>
<tr>
<td>5-50†</td>
<td></td>
<td>5-25</td>
<td>10-75</td>
</tr>
<tr>
<td>10-100</td>
<td></td>
<td></td>
<td>40-150</td>
</tr>
<tr>
<td>20-150</td>
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<td></td>
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</tr>
</tbody>
</table>

†With Vacuum Spring Assembly, minimum range is 30 inches Hg; maximum is reduced by 15 PSIG.

Canadian Registration # OC 0591.9C
TYPE D PRESSURE REDUCING PILOT

SPECIFICATION

The Pilot shall be separate from the main valve and connected to it with a male union. The Pilot shall be normally closed design with packless construction. A strainer screen shall be built into the Pilot inlet. The Pilot shall be interchangeable on all sizes of main valves.

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

† For Integral Mount Pilot, this dimension is 5/8” (16).

STANDARD D PILOT
7 LBS. (3.2 KG)

D SPRING CHAMBER
8 LBS. (3.6 KG)

D ADJUSTING HANDWHEEL
9 LBS. (4.1 KG)

TYPE D2
10 LBS. (4.5 KG)

D2 ADJUSTING HANDWHEEL
12 LBS. (5.4 KG)

TYPE D5
14 LBS. (6.4 KG)

TYPE D120
16 LBS. (7.3 KG)

- 49 -