TYPE N DIFFERENTIAL PRESSURE PILOT

CONTROLS 3 to 150 PSIG

- Self Contained
- Spring Operated
- Normally Closed
- Packless Construction
- Accurate to ±1 psi
- Four Adjustable Spring Ranges
- Fluid, Gas & Vapor Applications
- Loading Pressure Supplied by any Fluid
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance

OPTIONS
- Integral Mount (for N and N33)

MODELS
- TYPE N for delivery pressure at set differential above loading pressure. Available in four spring ranges. Includes integral strainer.
- TYPE N20 for fixed differential between regulator’s inlet pressure and some other lower pressure.
- TYPE N33 for delivery pressure at set differential above loading pressure where it is essential there be no mixing of two fluids. Ensured by two diaphragms, separated by a vented space. Available in four spring ranges. Includes integral strainer.

TYPICAL CONFIGURATIONS
- PRESSURE REDUCING .................. TYPE EN
- PRESSURE REDUCING .................. TYPE E2N
- PRESSURE REDUCING .................. TYPE E5N

APPLICATION DATA
- Boiler Feedwater Makeup
- Steam Atomizing for Oil Burners
- Heat Exchanger to maintain Constant Differential

RATINGS (Maximum Inlet Conditions)

<table>
<thead>
<tr>
<th>Construction</th>
<th>Pressure (PSIG) @ Temperature (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast Iron</td>
<td>250 (17.2) @ 450 (232)</td>
</tr>
<tr>
<td>Cast Steel</td>
<td>600 (41.4) @ 750 (400)</td>
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</tbody>
</table>

SPRING PRESSURE RANGES (PSIG)

- 3-20
- 5-50

Canadian Registration # OC 0591.9C
TYPE N DIFFERENTIAL PRESSURE PILOT SPECIFICATION

The Pilot shall be separate from the main valve and connected to it with a male union. The Pilot shall have packless construction. 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. St. ASTM A276 COND A
Seat .................................................. 420 St. Stl ASTM A276 COND A
Gasket ....................................................... Non-Asbestos
Diaphragm ............................ 301 St. Stl. MIL-5-5059C
Spring  ................................................................. Inconel