TYPE F46 VACUUM PUMP GOVERNOR PILOT

CONTROLS to -30" Hg

- Self Contained
- Spring Operated
- Normally Closed
- ANSI/FCI 70-2 Class IV Shutoff
- Packless Construction
- Accurate to ±1 psi
- Steam Applications
- Constant Average Discharge Pressure
- Accurate Regulation Unaffected by Service Conditions
- Easy In-line Maintenance

OPTIONS
- Adjustment Indicator
- Integral Mount

TYPICAL CONFIGURATIONS
- VACUUM PUMP CONTROL .................TYPE EF
- VACUUM PUMP CONTROL .................TYPE E2F
- VACUUM PUMP CONTROL .................TYPE E5F

APPLICATION DATA
- Steam Driven Vacuum Pump Control

RATINGS (Maximum Inlet Conditions)

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

- 30" hg-0 psi

Canadian Registration # OC 0591.9C
TYPE F46
VACUUM PUMP GOVERNOR 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. The pilot shall automatically adjust pump discharge pressures within the spring range to maintain a constant average pressure.

MATERIALS OF CONSTRUCTION

Body, Cast Iron ......................... ASTM A126 Cl B
Body, Cast Steel ..................... 1018 St. ASTM A108-79
Stem................................. 303 St. St. ASTM A582 COND A
Disc ................................. 440 St. St. 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

TYPE F46 PILOT
15 LBS.
(6.8 KG)