The SERIES 490A Hydronic Differential Pressure Manometers are versatile, hand-held, battery operated manometers available in several basic ranges for positive or positive differential pressure measurement and can tolerate most liquid media compatible with 316LSS.

A new feature added to the Series 490A is a field adjustable damping, which allows the user to choose the level of display averaging rate corresponding to the fluctuation level common in many applications.

FEATURES/BENEFITS
- Seven user-selectable English and metric units
- Stores up to 40 readings for later recall
- Backlight for use in dim areas
- Digital dampening for low pressure - high resolution logging stability
- Automatic resolution adjustment for finer control

APPLICATIONS
- Chiller to coils for freeze protection
- Hydronic valve balancing
- Measure pressure drop across pumps
- Refrigerant pressure testing

SPECIFICATIONS
Service: Compatible gases and liquids.
Accuracy: ±0.5% FS, 60 to 78°F (15.6 to 25.6°C); ±1.5% FS from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C).
Pressure Hysteresis: ±0.1% FS.
Pressure Limits: See chart.
Electronic Temperature Limits: 32 to 140°F (0 to 60°C).
Storage Temperature Limits: -4 to 176°F (-20 to 80°C).
Display: 0.42˝ (10.6 mm) 4 digit LCD.
Resolution: See chart.
Power Requirements: 9 V alkaline battery, installed non-functional, user replaceable.
Weight: 14.1 oz (400 g).
Process Connections: Two 1/8˝ (3.18 mm) female NPT.
Agency Approvals: CE.

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi</th>
<th>Available Pressure Units &amp; Resolution**</th>
<th>Maximum Pressure</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>490A-1</td>
<td>0 to 15.00</td>
<td>1.034 15.00 30.54 103.4 415.2 775.7 1034 34.80 30 psig</td>
<td>686.00</td>
<td></td>
</tr>
<tr>
<td>490A-2</td>
<td>0 to 30.00</td>
<td>2.069 30.00 61.08 206.9 830.4 1551 2069 69.20 60 psig</td>
<td>686.00</td>
<td></td>
</tr>
<tr>
<td>490A-3</td>
<td>0 to 50.00</td>
<td>3.447 50.00 101.8 344.7 1384 2585 3447 115.3 100 psig</td>
<td>686.00</td>
<td></td>
</tr>
<tr>
<td>490A-4</td>
<td>0 to 100.0</td>
<td>6.895 100.0 203.6 689.5 2768 5171 6895 230.7 200 psig</td>
<td>686.00</td>
<td></td>
</tr>
<tr>
<td>490A-5</td>
<td>0 to 500.0</td>
<td>34.47 500.0 1018 3447 9999* 9999* 9999* 1153 1000 psig</td>
<td>686.00</td>
<td></td>
</tr>
<tr>
<td>490A-6</td>
<td>0 to 200.0</td>
<td>13.79 200.0 407.2 1379 5536 9999* 9999* 461.3 4000 psig</td>
<td>686.00</td>
<td></td>
</tr>
</tbody>
</table>

*Digits will display smaller units until all 4 digits are exceeded.
**Readings less than 10% of range will provide one additional decimal place than shown for higher resolution.

OPTIONS
To order add suffix: Description Price
-NIST Includes NIST Calibration traceable certificate +$109.00
Example: 490A-1-NIST
-3V 3-way vent valve with bleed screw rated up to 100 psi +150.00
Example: 490A-1-3V

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-402A</td>
<td>Rubber boot for manometers (manometer not included)</td>
<td>$12.50</td>
</tr>
<tr>
<td>A-HKIT-HOSES</td>
<td>Piercing gage adapter for the 490A-HKIT, each with integral ball valve</td>
<td>42.25</td>
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<tr>
<td>A-HKIT-500</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/8” dia x 1-1/2” length (2 per kit)</td>
<td>56.00</td>
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<tr>
<td>A-HKIT-500XL</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/8” dia x 3” length (2 per kit)</td>
<td>45.00</td>
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<tr>
<td>A-HKIT-510</td>
<td>Piercing gage adapter for the 490A-HKIT, 1/16” dia x 1-1/2” length (2 per kit)</td>
<td>80.00</td>
</tr>
<tr>
<td>NIST Calibration</td>
<td>Please contact your regional Dwyer distributor or Dwyer International Sales Office for scheduling your NIST recertification</td>
<td>65.00</td>
</tr>
</tbody>
</table>

USA: California Proposition 65
- WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov