MODEL 476A-0

SINGLE PRESSURE

ACCURACY ±1.5% FS

RUGGED ALUMINUM METAL HOUSING

SELECTABLE ENGINEERING UNITS

RANGE -20 TO 20 IN W.C.

MADE IN THE U.S.A.

MANOMETER

®

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SPECIFICATIONS

Service: Air and compatible gases.

Wetted Materials: Consult factory.

Accuracy: ±1.5% full-scale* at 72°F (22.2°C). Includes linearity and repeatability.

Pressure Hysteresis: ±0.1% of full-scale.

Pressure Limits: 5 psig (.34 bar).

Temperature Limits: 0 to 140°F (-17.8 to 60°C).

Compensated Temperature Limits: 32 to 104°F (0 to 40°C).

Thermal Effect: 0.05% full-scale/°F.

Display: 4 digit LCD (.425˝H x .234˝W digits).

Power Requirements: 9 V alkaline battery, installed non-functional, user replaceable.

Process Connections: For use with 3/16˝ or 1/4˝ ID tubing.

Weight: 10.8 oz (306 g).

Agency Approvals: CE.

*When subjected to electromagnetic interference, at 837 MHz (10 V/m) accuracy is 5.0% full scale.

OPERATING INSTRUCTIONS

ON/OFF:
Press ON/OFF to turn the unit on. Press and hold ON/OFF for about 2 seconds to turn it off. Device will automatically shut off after 20 minutes if not in use.

ZERO:
Vent both pressure ports to atmosphere. Press ZERO button until the LCD displays “-----” then release it. The LCD reads 0 if the zero offset is less than 10% of FS.

UNITS:
To change units, press both ON/OFF and ZERO buttons simultaneously.

BATTERY:
Remove retaining screws on end cap at base of instrument to replace battery when LOW BAT is displayed. Use 9 V alkaline battery Duracell® MN 1604, Eveready® 522, or equivalent.

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range in w.c.</th>
<th>Available Pressure Units</th>
<th>Resolution in w.c.</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>476A-0</td>
<td>-20.0 to 20.0</td>
<td>psi/bar/kPa/in Hg/mm Hg mm Hg/mbar/mm w.c</td>
<td>0.02</td>
<td>5 psig</td>
</tr>
</tbody>
</table>