

Dwyer[®]

**SINGLE
PRESSURE**

**MODEL
476A-0**

MADE IN

THE U.S.A.

**ACCURACY
±1.5% FS**

**RUGGED
ALUMINUM
METAL
HOUSING**

**SELECTABLE
ENGINEERING
UNITS**

**RANGE
-20 TO 20
IN W.C.**

MANOMETER

SPECIFICATIONS

Service: Air and compatible gases.

Wetted Materials: Consult factory.

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

Pressure Hysteresis: $\pm 0.1\%$ 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.

MODEL CHART											
Model	Range in w.c.	Available Pressure Units								Resolution in w.c.	Max. Pressure
		bar	psi	in Hg	kPa	in w.c.	mm Hg	mbar	mm w.c.		
476A-0	-20.0 to 20.0	.0498	0.723	1.471	4.98	20.00	37.4	49.8	508	0.02	5 psig

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.

Duracell® is a registered trademark of The Gillette company.
Eveready® is a registered trademark of Eveready Battery Company, Inc.



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Made in USA of U.S. & Imported Parts