The Popular Model 477 is now available with 0.1% full-scale accuracy in the new Series 477A. The 477A contains a highly accurate differential pressure sensor that offers ±0.1% full-scale accuracy on air ranges from 20 in wc to 100 psi. Series 477A Handheld Digital Manometers are packed with features needed to make pressure measurement and recording faster, easier and more accurate than ever. Instantly select from up to nine of the most widely used pressure units without having to waste time and risk mistakes with tedious conversions. A non-volatile memory function enables storage of up to 40 readings – perfect for HVAC technicians making Pitot tube traverses of airflow readings across a duct. The 477A is also ideal for maintenance personnel or technicians that require a highly accurate manometer to check their instrumentation or equipment to ensure proper performance.

477A-7...477A-1

Features:
- Measure positive, negative, or differential pressures
- Instant selection from up to nine English/metric units
- Stores 40 readings in memory for later reference
- Both audible and visual overpressure alarms
- Operates up to 100 hours on a single 9 volt battery
- New adjustable damping feature for averaging fluctuating readings
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See page 587 for process tubing options.

Specifications:
- Service: Air and non-combustible compatible gases
- Wetted Parts: Consult factory
- Accuracy: ±0.1% of full-scale from 60 to 78°F (15.6 to 25.6°C); ±1% of full scale from 32 to 60 and 78 to 104°F (0-15.6 and 25.6-40°C)
- Pressure Hysteresis: ±0.1% of full-scale
- Pressure Limits: See chart
- Temperature Limits: 32 to 104°F (0 to 40°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, included, user replaceable
- Weight: 10.2 oz. (289 g)
- Connections: Two barbed connections for use with 1/8” (3.18 mm) or 1/4” (6.35 mm) OD tubing for 477A-1, 477A-2, 477A-3, 477A-4 and 477A-5 only. Two compression fittings for use with 1/8” (3.18 mm) ID x 1/4” (6.35 mm) ID tubing for 477A-6 and 477A-7 only.

Accessories:
- 7-1/2” x 3” x 2-1/4” (191 x 76 x 57 mm)
- UHH-C1, Soft carrying case

Option:
- For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 477A-1-NIST.