



# DA410<sup>TM</sup>

## Anemometer with Volume Calculation



- ✓ Enter, Store, and Recall up to 10 unique duct sizes
- ✓ High accuracy:  $\pm 1.0\%$  of reading
- ✓ Rugged metal probe and vane
- ✓ Intuitive user interface design
- ✓ Ultra low speed sensitivity down to 40 ft/min
- ✓ Industrial grade enclosure and probe
- ✓ Measure airflow in extreme environments from  $-20^{\circ}$  to  $100^{\circ}\text{C}$
- ✓ Protective rubber boot & splash-proof option
- ✓ Minimum and Maximum air volume capture
- ✓ Analog voltage output and Communication options
- ✓ Selection of velocity sample rates

The Pacer DA410 Rotating Vane Anemometer is a high quality instrument providing accurate air velocity and volume flow measurements in harsh environments. The user can easily enter the size of the duct opening and the DA410 automatically calculates the volume flow rate from the duct. The duct size is automatically stored in memory on turn-off and up to 10 unique duct sizes can be stored and recalled for frequent use.

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### SPECIFICATIONS

#### Ranges

Probe AP275: 40 to 7800 FPM (feet per minute)  
0.2 to 40.00 MPS (meters per second)

Probe AP100: 60 to 6800 FPM  
0.3 to 35.00 MPS

Calculated Air Volume Flow:  
0.0 to 9999 ft<sup>3</sup>/min (CFM - cubic feet per minute)  
0.0 to 9999 m<sup>3</sup>/hr (CMH - cubic meters per hour)

#### Accuracy

±1.0% of Reading ±1 digit

#### Resolution

1 FPM or 0.01 MPS

#### Display

0.5" LCD, 4 digits, with LED backlight

#### Operating Temp

Instrument: 32° to 125°F / 0° to 50°C  
Probe: -4° to 212°F / -20° to 100°C

#### Power Supply

3 AA alkaline batteries

#### Battery Life

Approximately 150 hours

#### Dimensions

Instrument: 6.5 inch X 3.25 inch X 1.5 inch  
Probe AP275: 2.75 inch diameter  
Probe AP100: 1 inch diameter

#### Instrument Options Available

- Protective Rubber Boot and Splash-Proof Seal
- USB communications
- RS232 communications
- Analog 0-5 Volt output

#### Misc. Options

- Additional Probe PN AP100 or AP275
- Extra extension and/or flexible rods
- Custom cable lengths

#### DA410 comes complete with

- 1 pc. rotating vane probe head, your choice of AP275 (2.75 inch diameter) or AP100 (1 inch diameter)
- 3 pc. extension rod w/ handle grip
- 1 pc. flexible rod
- 1 pc. 5' connecting cable  
*note: cable attached to AP100 probe*
- 3 pc. AA 1.5 V alkaline batteries
- 1 pc. carrying case



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