

Features & Options

- Economical & Easy to Install
- Accommodates 1/8" I.D. to 5/32" I.D. Tubing
- Rooftop, Wall or Vertical Mount

BAPI's Outside Air Pressure Pickup Port is an easy, economical and attractive way of measuring outdoor static pressure. The pickup port also helps stabilize readings because it significantly reduces the pressure fluctuations caused by wind gusts.

Differences in building pressure are caused by the operation of supply fans or exhaust fans and usually measure less than .1 inches of water column (W.C.). A gentle breeze of 10 MPH provides a pressure of .048 inches W.C., while a strong wind of 40 MPH provides .772 inches W.C. A gale of 75 MPH can measure over 2.7 inches. BAPI's pickup port significantly reduces these wind pressures for a stable and accurate reading at the pressure sensor and controller.

The unit is also very rugged with a UV-resistant and flame-retardant housing to perform and last under harsh conditions. It is available in Rooftop or Wall Mount or Vertical Mount for building soffits or ceilings.

ORDERING INFORMATION

Part Number: ZPS-ACC10

Rooftop or Wall Mount Unit

Part Number: ZPS-ACC10-V

Vertical Mount Unit



Specifications

Environmental Operation Range:

Temperature:
-40 to 212 °F
(-40 to 100 °C)

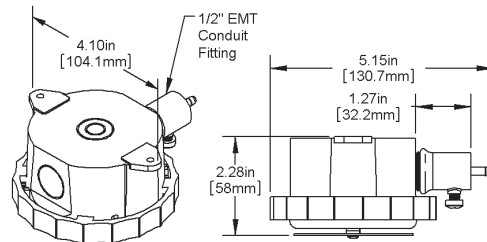
Humidity:
0% to 100% RH,
condensing

Material:

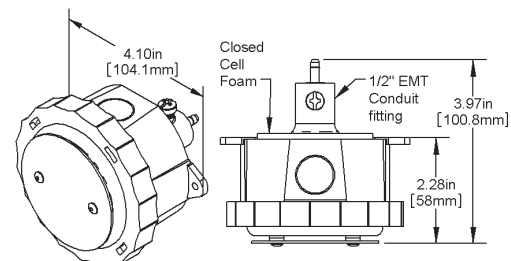
UV-resistant plastic

Rooftop or Wall Mount

Patent Pending



Vertical Mount



Ordering Information

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
ZPS-ACC10.....	Rooftop or Wall Mount Outside Air Pressure Pickup Port
ZPS-ACC10-V	Vertical Mount Outside Air Pressure Pickup Port

Wall & Ceiling Pressure Pickup Ports

Wallplates and Delta Style units available as pressure pickups alone or as combination pressure pickup and temperature sensor

BAPI's Wall Pressure Pickup Port comes standard on a brushed stainless steel plate or in a Delta Style enclosure, both sized to fit a common 2" x 4" electrical box. A foam gasket seals the plate or enclosure to the wall to insure the integrity of the measured space. The Wall Plate and Delta Style Enclosure can be used for pressure alone or as a combination temperature sensor and pressure pickup port.

BAPI also offers a Ceiling Mount Cover designed to fit a standard 3/4" thick suspended ceiling tile. If additional protection is required in the ceiling, a second ceiling cover fits on a common 2" x 4" electrical box. The brass fitting on the back of all Pickup Ports accommodates standard 1/8" to 5/32" I.D. tubing.



Delta Style Enclosure



Wall Plate



Ceiling Mount Square Cover



Ceiling Mount Cover & J-Box

For more info, see pages C18-19