

Rev. 05/25/11

Wall & Ceiling Pressure Pickup Ports & Temp./Pressure Pickup Combos

Features & Options

- Economical & Easy to Install
- Delta Enclosure or Stainless Steel Plate for Wall Mount
- Ceiling Mount with or without J-Box
- 100 Micron Filter
- Accommodates 1/8" I.D. to 5/32" I.D. Tubing

The 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
(ALC/ZPS-ACC05)**



**Ceiling Mount
Cover & J-Box
(ALC/ZPS-ACC06)**

Specifications

Environmental Operation Range:

Temp. - 32 to 122 °F (0 to 50 °C)

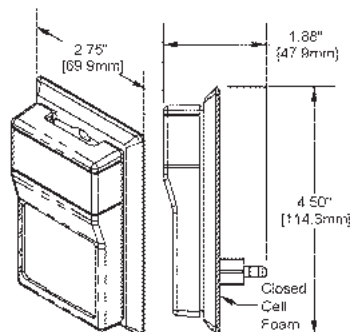
Humidity 0% to 95% RH, non-condensing

Material:

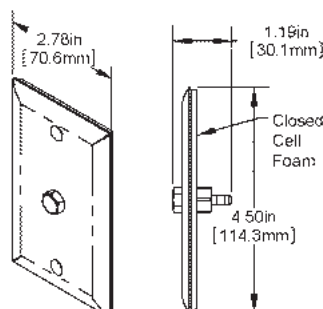
Delta Style Enclosure:

ABS Plastic, UL 94, V-0

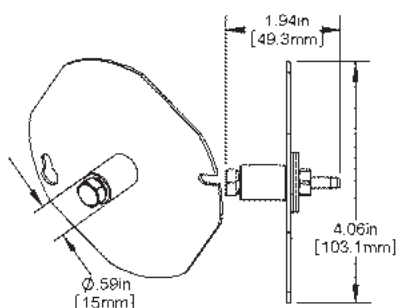
Wall Plate: Stainless Steel



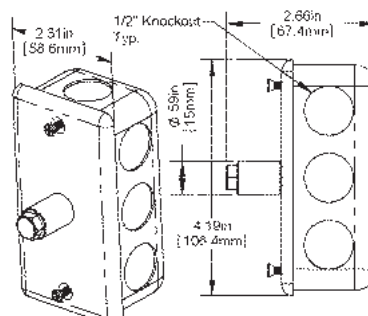
Delta Enclosure (ZPS-ACC03)



Wall Plate (ZPS-ACC01)



**Ceiling Mount Cover
(ZPS-ACC05)**



**Ceiling Mount Cover & J-Box
(ZPS-ACC06)**



Manufactured by Building Automation Products, Inc., 750 N. Royal Ave., Gays Mills, WI 54631 USA
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ORDERING INFORMATION

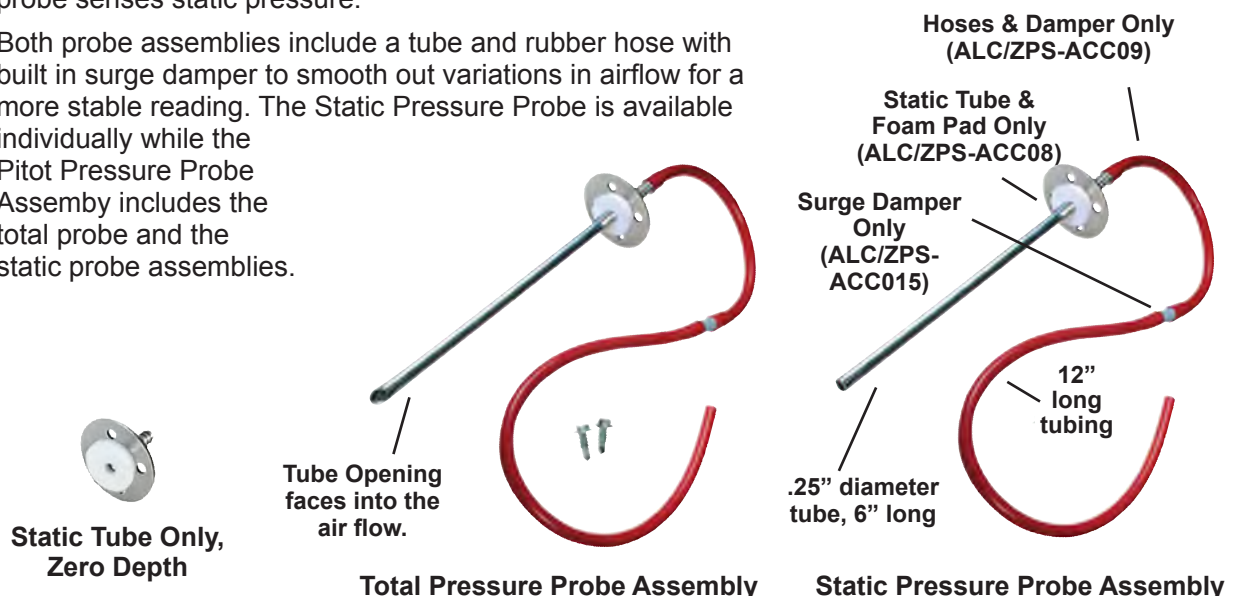
ALC/ZPS-ACC01	 2" X 4" Stainless Steel Wall Plate with Static Pickup
ALC/ZPS-ACC01-102	.. 2" X 4" Stainless Steel Wall Plate with Static Pickup & 10K-2 Temp. Sensor
ALC/ZPS-ACC03	 Room Mount Delta Style Enclosure with Static Pickup
ALC/ZPS-ACC03-102	.. Room Mount Delta Style Encl. with Static Pickup & 10K-2 Temp. Sensor
ALC/ZPS-ACC05	 Ceiling Mount Square Cover with Static Pickup
ALC/ZPS-ACC06	 Ceiling Mount Rectangular 2" X 4" Cover and Box with Static Pickup
ALC/ZPS-ACC07	 Static Pressure Probe Assembly, 6" long
ALC/ZPS-ACC08	 Static Tube Only (6") with Circular Foam
ALC/ZPS-ACC09	 Rubber Hoses with Surge Damper
ALC/ZPS-ACC11	 Pitot Pressure Probe Assy, 3.5" long (includes the Static & Total Probe Assy)
ALC/ZPS-ACC12	 Pitot Pressure Probe Assy, 6" long (includes Static & Total Probe Assy)
ALC/ZPS-ACC13	 Total Tube Only (3.5") w/ Circular Foam (doesn't include hoses & damper)
ALC/ZPS-ACC14	 Total Tube Only (6") with Circular Foam (doesn't include hoses & damper)
ALC/ZPS-ACC15	 Surge Damper Only, 5 micron
ALC/ZPS-ACC17	 Static Tube Only (0.5") with Circular Foam (doesn't include hoses & damper)
ALC/ZPS-ACC18	 2 Static Pressure Tube Assemblies, 6" Long
ALC/ZPS-ACC21	 Static Tube Only (6") with Circular Foam and Mounting Screws (doesn't include hoses & damper)
ALC/ZPS-ACC22	 Static Tube Only, Zero Length, with Circular Foam and Mounting Screws

Static & Total Pressure Probe Assemblies

Features & Options

The Static Pressure Probe and Total Pressure Probe Assemblies connect to the BAPI Zone Pressure Sensor to provide duct static pressure or duct air velocity. The angled total probe faces into the airflow to sense the moving air's total pressure while the static probe senses static pressure.

Both probe assemblies include a tube and rubber hose with built in surge damper to smooth out variations in airflow for a more stable reading. The Static Pressure Probe is available individually while the Pitot Pressure Probe Assembly includes the total probe and the static probe assemblies.



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