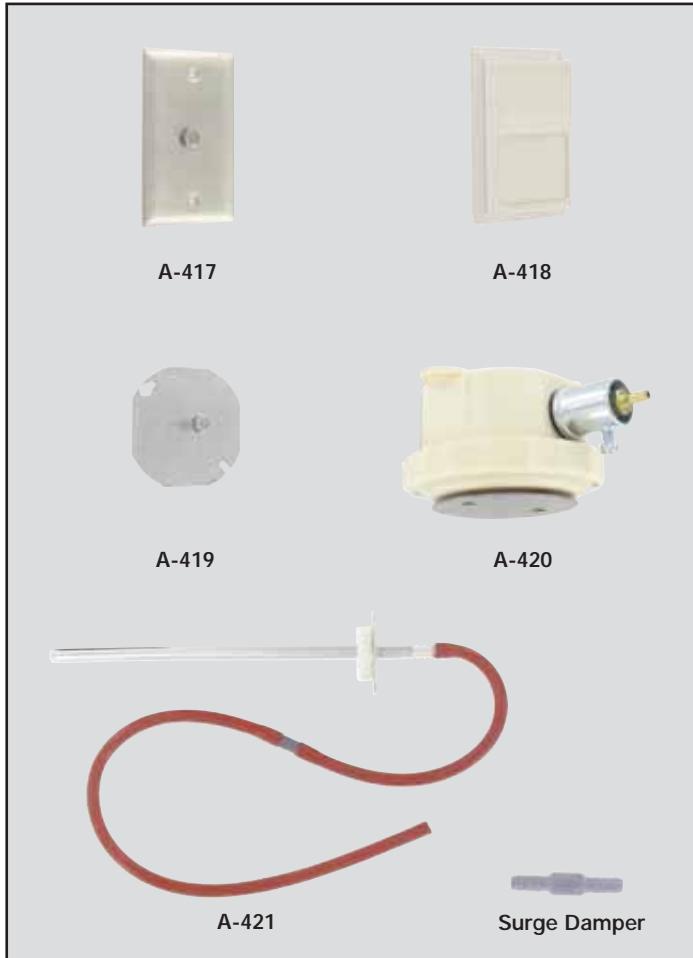




# Static Pressure Accessories



**Model A-417**, Static Pressure Pickup. For use in clean rooms, 100 micron filter picks up static pressure. Stainless steel wall plate fits 2" x 4" electrical box. Sealed with foam gasket, screws included. Barbed brass fitting holds 1/8" to 5/32" I.D. tubing.

**Model A-418**, Static Pressure Pickup. Room mount with Delta Style plastic enclosure fits 2" x 4" electrical box. Fine mesh screen hides static pressure pickup port. Clean connection to 1/8" to 5/32" I.D. tubing and pressure sensor. Sealed with foam gasket, screws included.

**Model A-419**, Static Pressure Pickup Ceiling Mount. Plate rests on top of standard 3/4" thick ceiling tile while 100 micron filter faces down through 5/8" hole in tile. Filter is barely noticeable in room being monitored. Screws included for optional mounting to junction box. Barbed brass fitting holds 1/8" to 5/32" I.D. tubing.

**Model A-420**, Static Pressure Pickup for Roof or Outside Wall Mount. Port especially reduces effects of wind gusts to keep pressure readings stable when plate is parallel to ground. NEMA 4X (IP66) rated structure withstands harsh environmental elements. Structure is 3-5/8" across and 2-1/2" deep. EMT Conduit fitting is 1/2". Pressure connection is brass barbed fitting for 1/4" tubing.

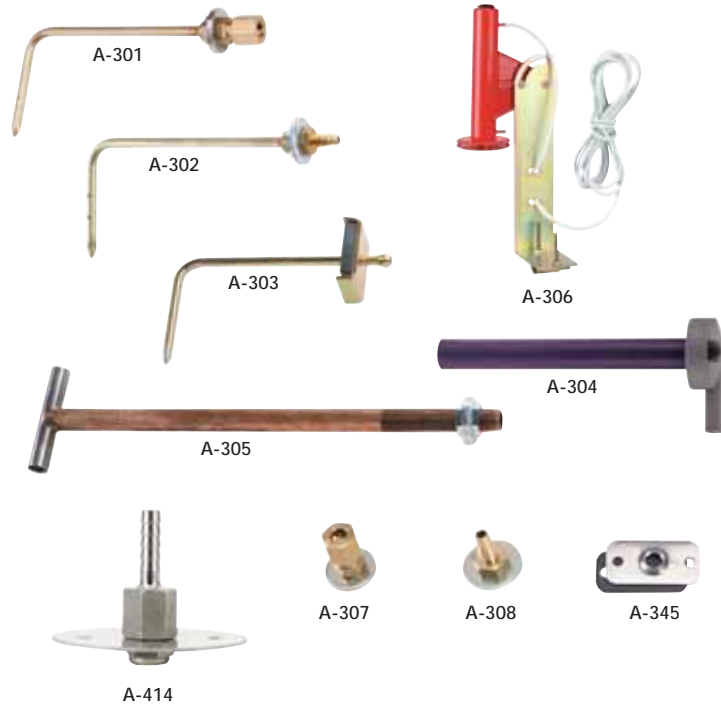


**A-420 Typical outdoor mounting**



**Model A-421**, Static Pressure Tip measures duct static air pressure. Assembly includes 6' probe, silicon rubber hose, and screws. Built-in surge damper ensures stable readings on pressure sensor. Pressure spike reducer can be added to end of tube to further smooth over pressure fluctuations.

## Static Pressure Sensors



## MODELS

These sensors are for use with manometers, Magnehelic® gages, pressure switches and other controllers to pick up or sense static pressure drop across air filters and cooling coils, blower input and discharge pressures, etc. The angled tips shown have 4" insertion depth. Each has four radially drilled .040" sensing holes. All except Model A-303 mount in 3/8" hole in duct. For portable use, a magnet holds No. A-303 in place. No. A-305 is used where a very low actuation or sensing point is required on a pressure switch or gage or where response time is critical. No. A-307 and A-308 are suitable for use in low velocity systems or where the need for accuracy is less critical.

**A-301**, Static Pressure Tip, for 1/4" metal tubing connection.

**A-301-A**, Static Pressure Tip, same as A-301 with 6" insertion depth.

**A-301-B**, Static Pressure Tip, same as A-301 with 8" insertion depth.

**A-301-C**, Static Pressure Tip, same as A-301 with 12" insertion depth.

**A-301-SS**, same as A-301 in Stainless Steel.

**A-302**, Static Pressure Tip, for 3/16" and 1/8" I.D. plastic or rubber tubing.

**A-302-A**, Static Pressure Tip, same as A-302 with 6" insertion depth.

**A-303**, Portable Static Pressure Tip, for 3/16" I.D. rubber or plastic tubing with 4" insertion.

**A-304**, Duct Connector.

**A-305**, Static Pressure Tip, low resistance application, furnished with two (2) hex jam nuts and two (2) mounting washers for duct mounting and with 1/8" NPT pipe thread for pressure connection.

**A-305-SS**, same as A-305 in Stainless Steel.

**A-306**, Outdoor static pressure sensor. Provides average outdoor pressure signal for reference in building pressurization applications. Includes sensor, 50 ft. vinyl tubing, mounting bracket and hardware.

**A-307**, Static Pressure Fitting, for 1/4" metal tubing connection.

**A-307-SS**, as above in Stainless Steel.

**A-308**, Static Pressure Fitting, for 3/16" and 1/8" I.D. plastic or rubber tubing.

**A-345**, Flange for mounting A-301, A-302, A-307, A-308 or 1/8" dia. Pitot Tubes with compression fitting when interior of duct is not accessible. Aluminum, with gasket and sheet metal screws.

**A-414**, 316 SS Clean Room Pressure Sensor.