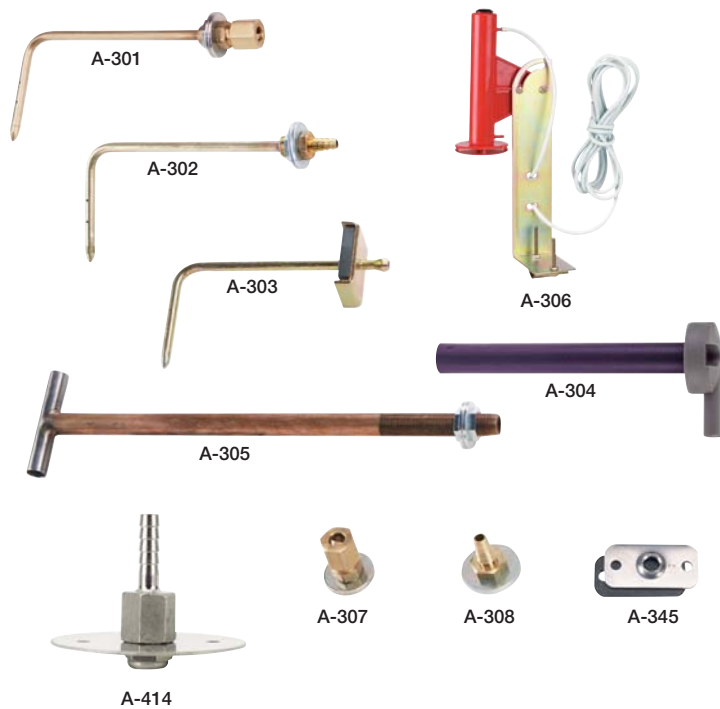


## Static Pressure Sensors

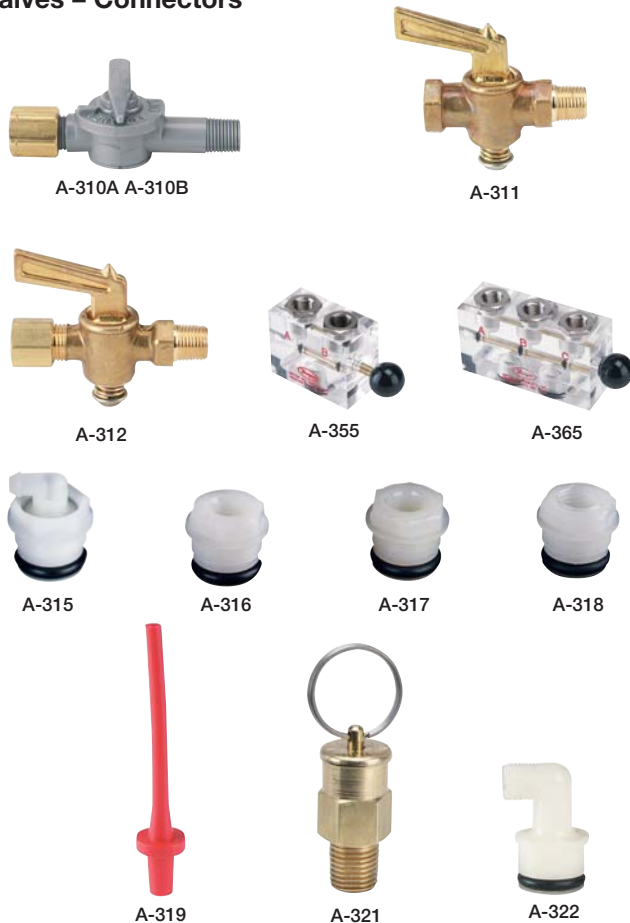


## MODELS

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 3/8" and 1/2" 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 3/8" 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 1/2" 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 3/8" and 1/2" I.D. plastic or rubber tubing
- A-345**, Flange for mounting A-301, A-302, A-307, A-308 or 3/8" Pitot Tubes with compression fitting when interior of duct is not accessible. Aluminum, with gasket and sheet metal screws
- A-414**, SS Clean Room Pressure Sensor

## Valves – Connectors



## MODELS

Instrument valves for permanent installation. They mount in part A-316, A-317, type C manometer connections or Magnehelic® gage and connect to metal tubing or 1/8" pipe.

- A-310A**, 3-Way Vent Valve, plastic, 1/8" NPT to 1/4" metal tubing. Positions are: (1) Line: Gage connected to pressure source. (2) Off: Both gage and connection to pressure source closed. (3) Vent: Gage vented to atmosphere and connection to pressure source closed. 80 PSI rating. Replaces former model A310 (brass)
  - A-310B**, same as A-310A but with 10 PSI rating
  - A-311**, Shut Off Valve, brass, 1/8" NPT to 1/8" NPT
  - A-312**, Shut Off Valve, brass, 1/8" NPT to 1/8" metal tubing
  - A-355**, Porting Valve, acrylic plastic, 1/8" NPT inserts. Used for convenient indication of pressure at two points with a single gage
  - A-365**, Dual Porting Valve, acrylic plastic, 1/8" NPT fittings. For monitoring three pressures, two at a time, with one gage
- Gage Connectors for Manometers. Molded nylon construction, threaded .786 x 27 N.S., with O ring seal.
- A-315**, Gage connector, Shut off type, for 3/8" rubber tubing
  - A-316**, Gage connector, bushing, 1/8" pipe thread opening
  - A-317**, Gage connector, 1/8" pipe thread opening, less O.D. thd., for slip fit in 3/4" dia. opening in 250 series A.F. gages
  - A-318**, Gage connector 1/4" pipe thread opening
  - A-319**, Flexible Red P.V.C. connector, 3/8" I.D. Rubber Tubing to 1/4" I.D. Plastic Tube for 1221, 1222 and 1227 Manometers.
  - A-321**, Brass Safety Relief Valve Protects Magnehelic® or Photohelic® against over pressure due to regulator failure etc. Opens at 10 psi. Mounts in tee fitting in sensing line or in unused gage port with addition of A-349 reducer. 1/4" male NPT (Use two for D.P. application).
  - A-322**, Gage connector for 1/4" tubing. Slip fits in 3/8" opening in 250 series A.F. gages (Compression nut and ferrule not included)