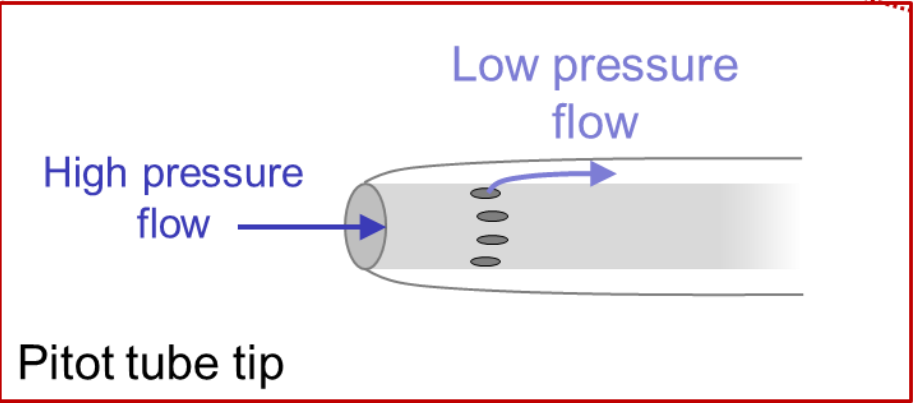
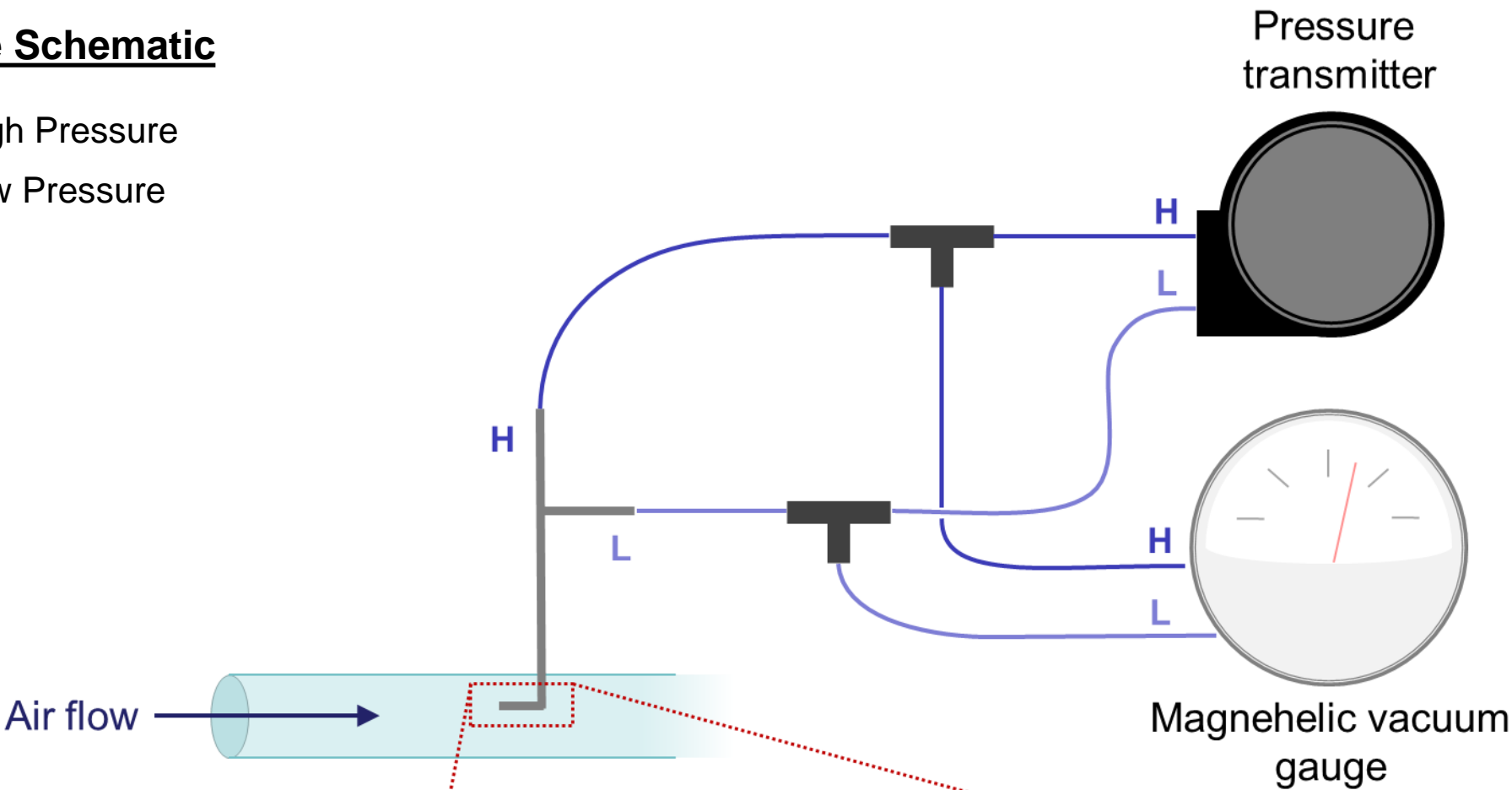


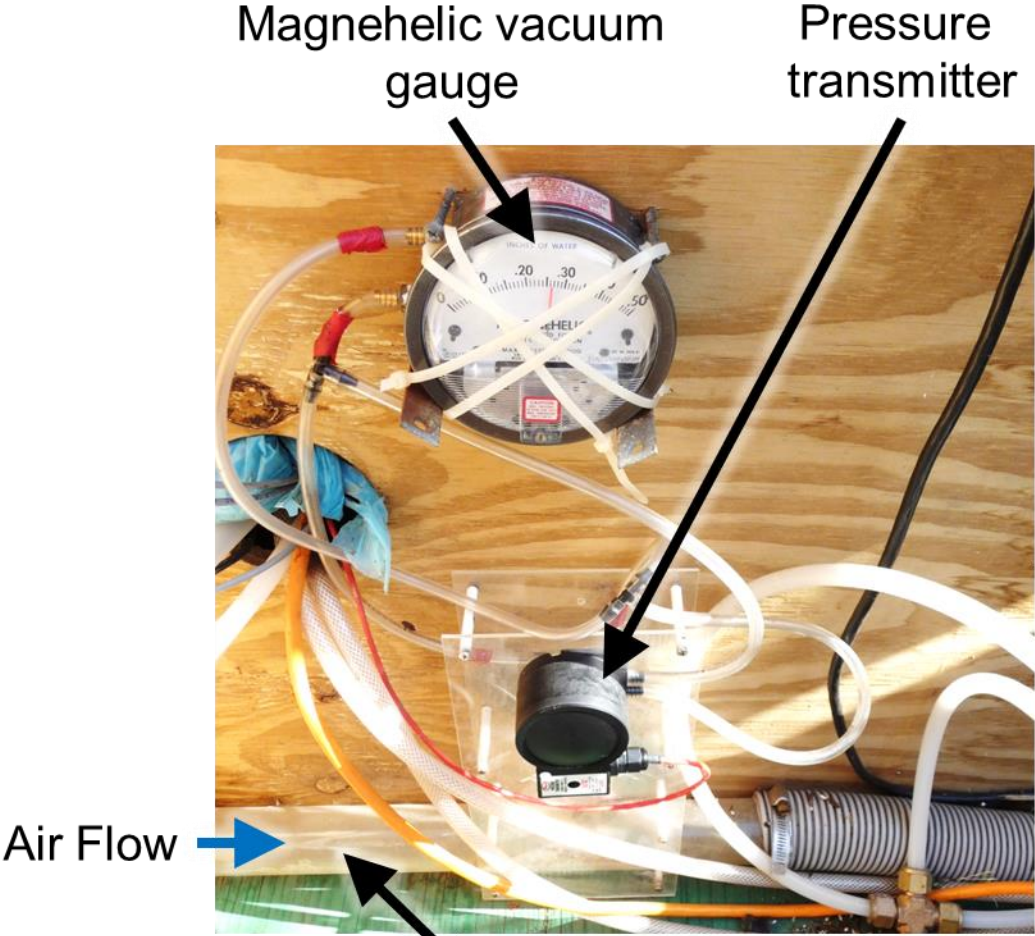
Pitot Tube Schematic

H = High Pressure

L = Low Pressure



Pitot Tube Pictures

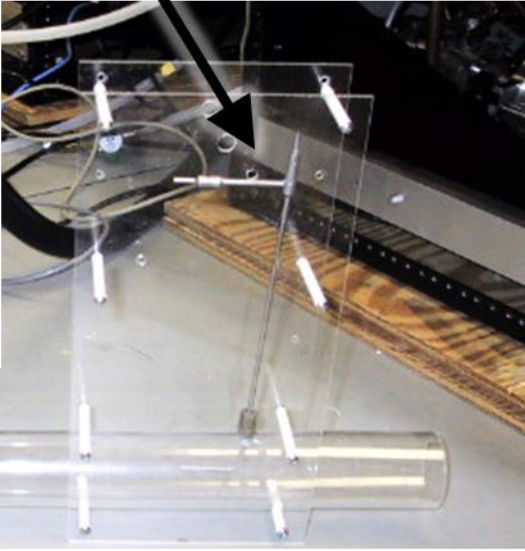


Acrylic tube

Air Flow



Pitot tube



Pitot Tube Assembly

Cleaning the Pitot Tube

The pitot tube tip may occasionally get blocked by particles/corrosion.

Tools Needed: 3/8" wrench, 7/16" wrench, alcohol, chem wipe tissue, smallwire(?), and water

Directions:

- (1) Remove tubing from top (if not labeled, you may want to mark which tube goes to which pitot tube port (High (H) or Low (L)).
- (2) Carefully remove pitot tube assembly from pumpbox. You'll need to detach both ends of acrylic tube from flexible 2" tubing.
- (3) Remove clear plastic rectangular cover so you can access pitot tube – you may be able to undo the bottom 4 screws/spacers and then pull the pitot tube and acrylic tube down and out of the rectangular cover.
- (4) Using a 3/8" wrench, loosen the top nut so the pitot tube is loose in the swagelok fitting.
- (5) Using a 7/16" wrench, very very carefully remove the pitot tube from the acrylic tube. It is very easy to crack the acrylic tube around the threaded hole that the pitot tube sits in – you don't want to do that.
- (6) Clean acrylic tube with water and dry with tissue
- (7) Clean pitot tube first with water, then with alcohol. You can use a small piece of wire to try to clean the holes if it seems needed.
- (8) Blow on the top of the pitot tube to help with drying everything. Make sure the pitot tube is dry before reassembling.
- (8) Reassemble. Add fresh tape to the threads on the Swagelok that screws into the acrylic tube to help minimize shearing. Make sure to correctly align the pitot in the center of the acrylic tube.