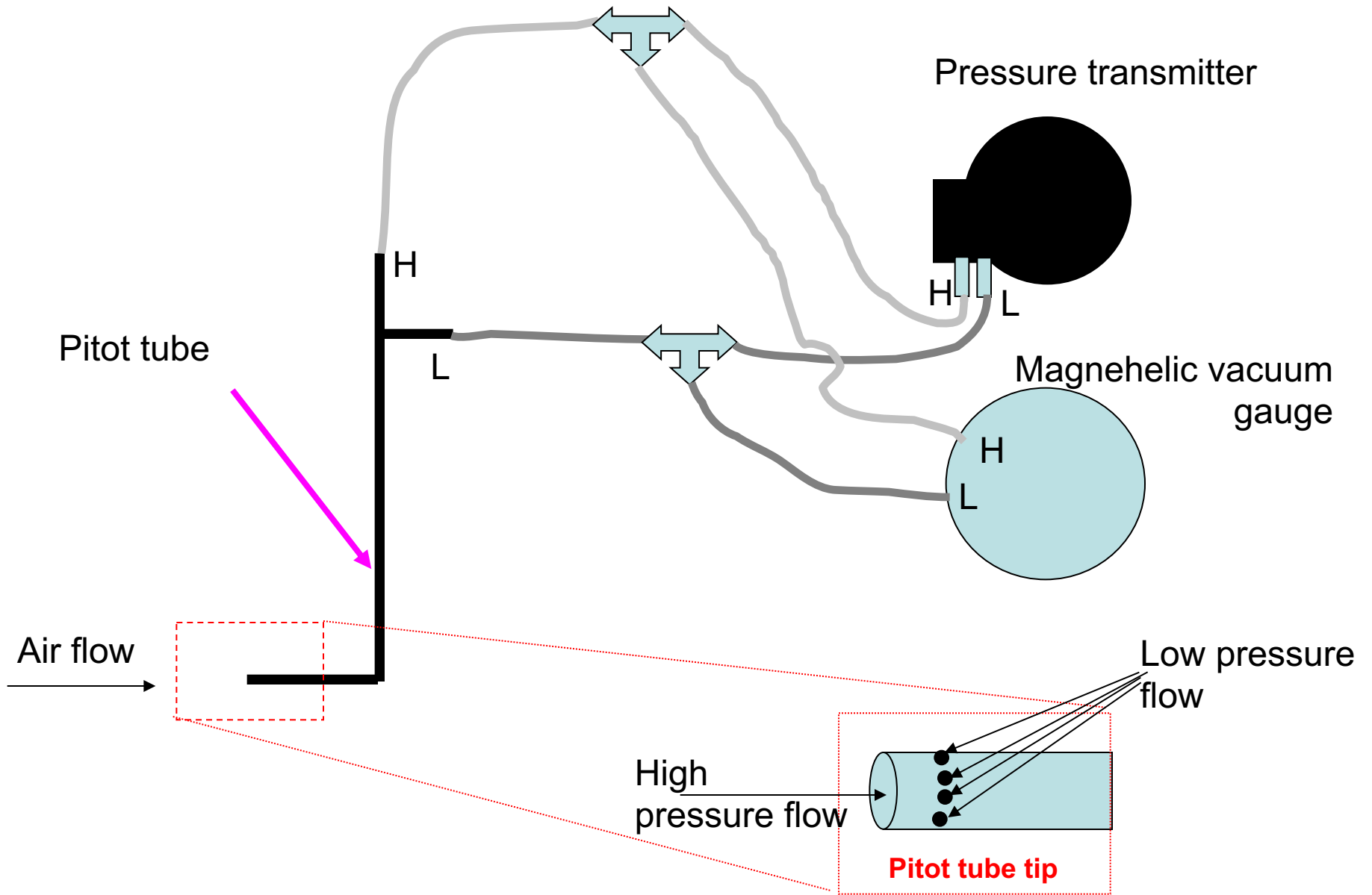
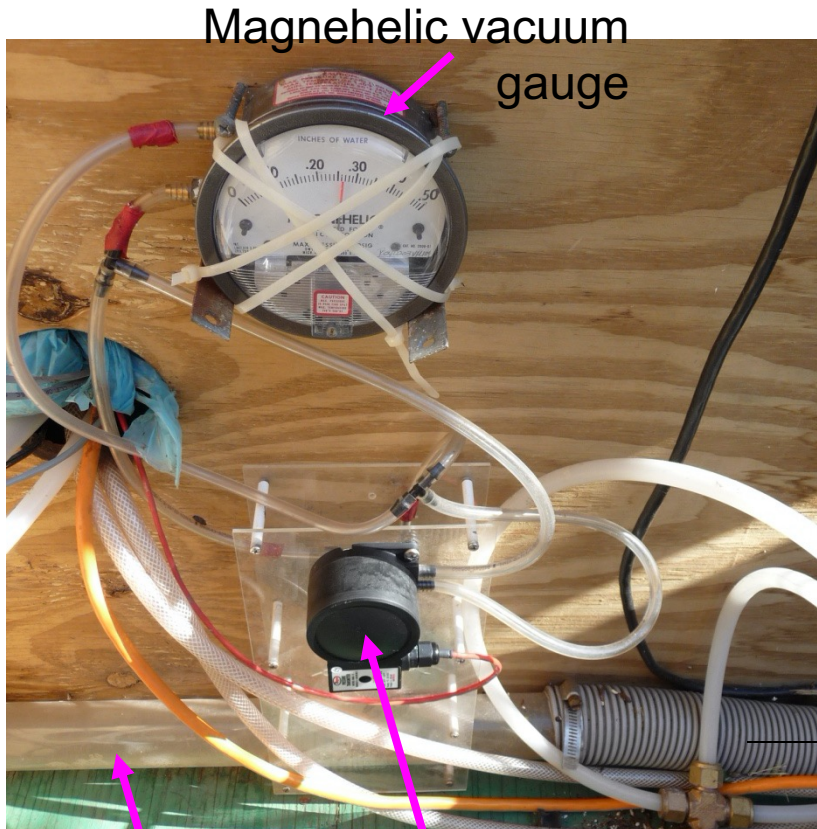


Pitot tube schematic



Pitot tube pictures



Air flow
→

Magnehelic vacuum gauge

Pitot tube

To blower

Pressure transmitter

Acrylic tube

Pitot tube assembly

Air flow
→



Cleaning 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, small wire(?), water

To clean the pitot tube:

- (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) Reassemble.