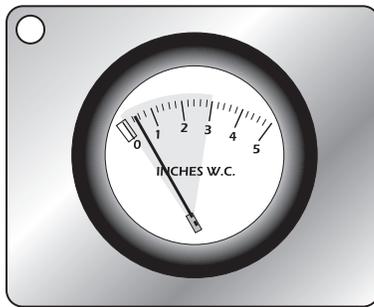# Filter Efficiency Gauge Mounting Instructions.

Up to 7' away

Air Flow to Filter

Silicone

Clip — Washer

Metal Plenum

Air Flow to Filter

Clip — Silicone

Plastic Plenum

Air Flow to Filter

Silicone

Washer

Clip

Mounting Bracket

Mounting Instructions

1. Select a location free from excessive vibration and where ambient temperature is between 20 F to 120 F (-6.7 C to 49 C). You can mount gauge up to 8' away from static pressure tube. Gauge bracket can be mounted to stand gusset for easy reading.

2. Mount brass static tube in plenum with tip pointed into air stream. Use included washers and nut as shown in drawings. Refer to the drawings for location of brass static pressure tube. Use 13/32" drill bit for hole.

3. Put gauge through supplied mounting plate with pre-cut 2 5/8" hole. Put the two bolts from gauge box through front of gauge. Put metal brace from gauge box against plate back with gauge bolts through brace to hold gauge tight against plate. Put supplied nuts from gauge box on bolts and tighten.

4. Mount plate with gauge to appropriate surface. If mounting to stand, user must drill a hole and supply hardware attachment. Utilizing clamp, connect clear tubing from brass static pressure tube to port labeled "+" or "Hi" on the back of the pressure gauge. Make sure tubing is not crushed or kinked along its entire length. Cut shorter if necessary. If needed use included spring hose clip.

OR
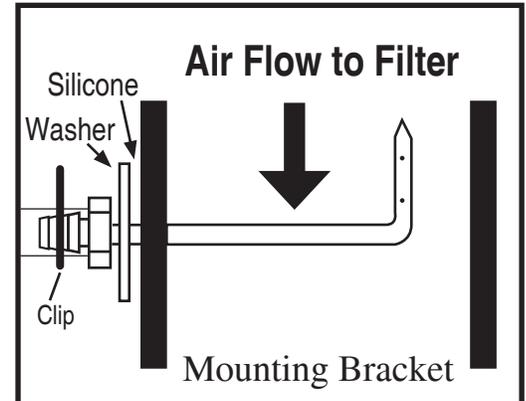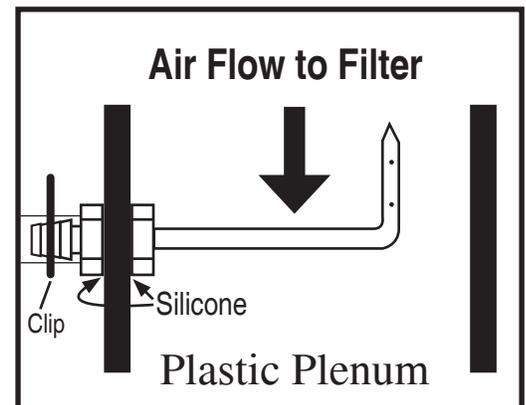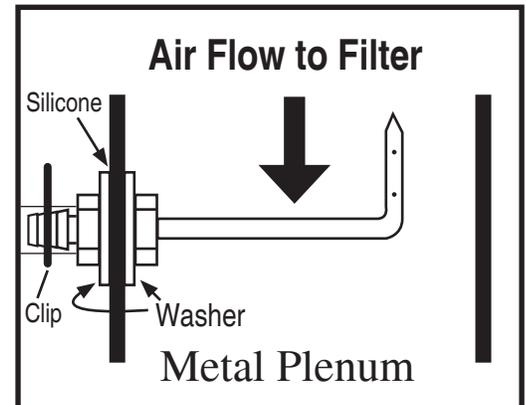
Before you insert brass static pressure tube, use a marker and mark top of brass nut where tube will be in the up position so when you position tube or tighten it, you'll know where tube is pointing.

Drill 13/32" hole here. Either side.

X

Gauge Reading Instructions

1. Gauge may need to be zeroed. Follow the instructions provided with pressure gauge.

2. Take the initial reading with cleaned filter(s) and the typical number of blast gates open in normal operation.

3. Always read the gauge with the same number of gates open. The more gates open, the higher the pressure reading on the gauge.

4. When the gauge rises to 3", it's time to clean your filter(s).
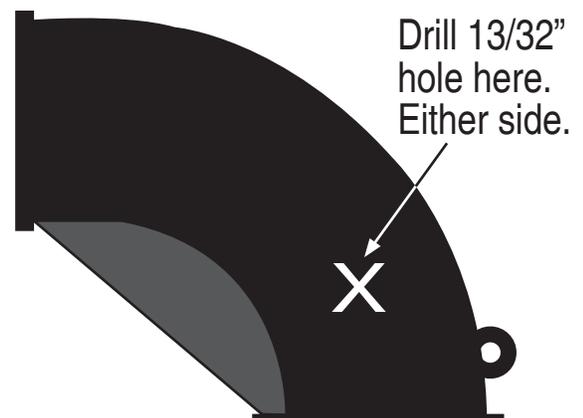
After many cleaning cycles, a filter's pressure will rise after each cleaning. An older filter does not get as clean as a new filter.