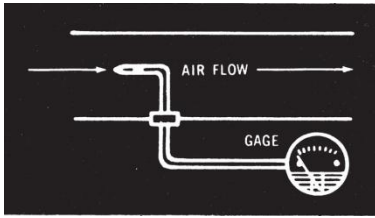
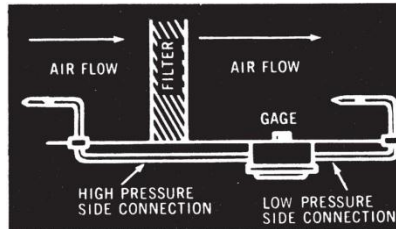


# Calculate CFM with Magnehelic Gauge

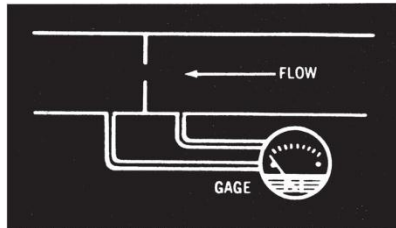
## Magnehelic Gauge



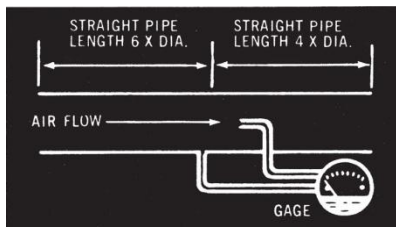
To sense static pressure For the most accurate measure of static pressure in an air stream, use a gauge connected to a static pressure tip such as DWYER Model A-301.



As a gauge to check air filters Gauge gives an instant visual indication when filters need servicing.



To determine flow



To measure air velocity (with optional pitot tube)

Inches of water Column to Feet per minute =  $\sqrt{\text{Inches of water Colum}} \times 4005$

Example 3 inches of water column measured =  $(\sqrt{3}) = 1.732$

Feet per minute =  $1.732 \times 4005 = 6936.66$  FPM

**CFM = Duct area sq ft x Velocity**

Sq feet= Sq inches/144