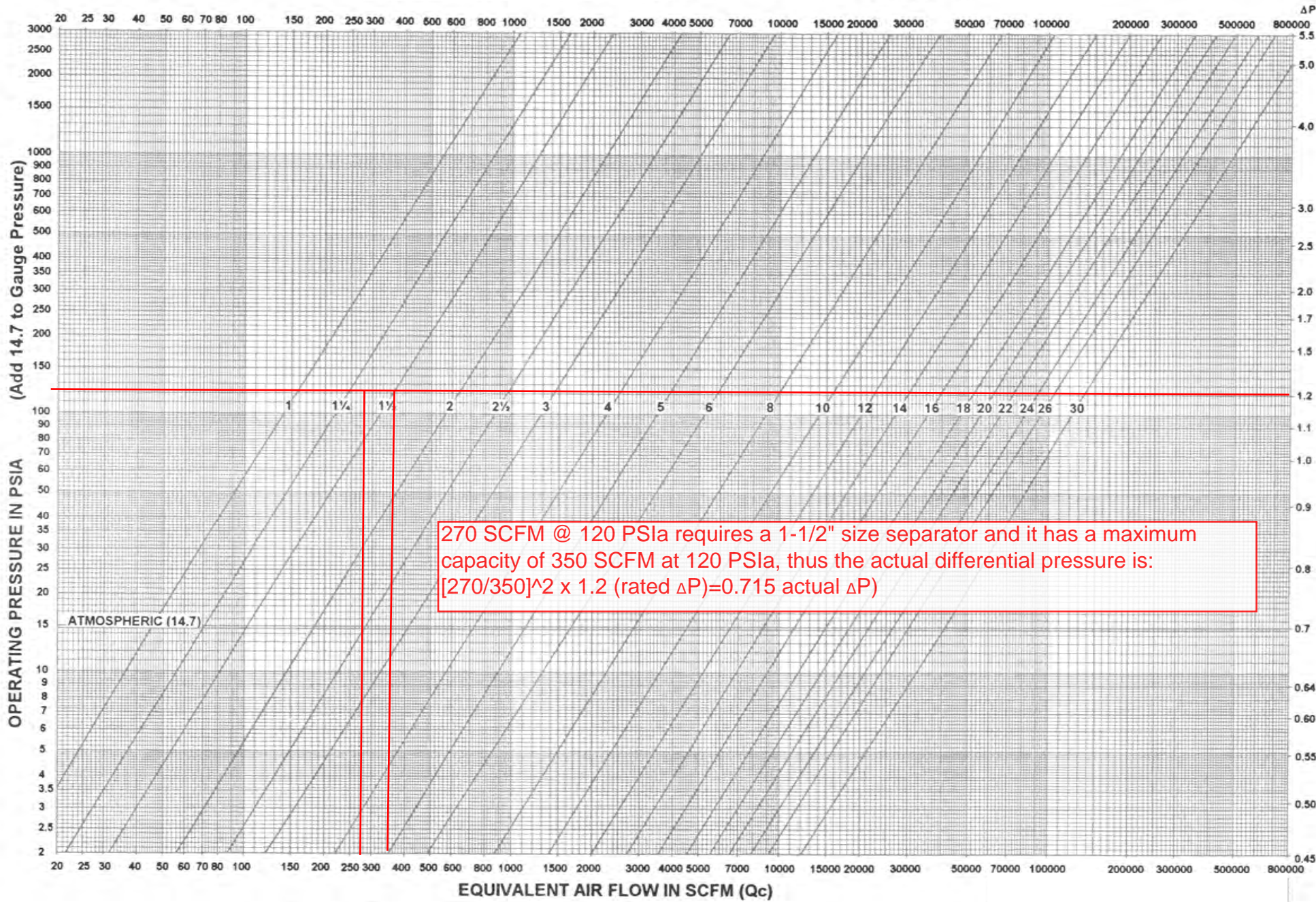


# AIR FLOW CHART



270 SCFM @ 120 PSIA requires a 1-1/2" size separator and it has a maximum capacity of 350 SCFM at 120 PSIA, thus the actual differential pressure is:  
 $[270/350]^2 \times 1.2 \text{ (rated } \Delta P) = 0.715 \text{ actual } \Delta P$

$$\text{Actual Pressure Drop} = \left[ \frac{\text{Application's Equivalent Air Flow SCFM (Qc)}}{\text{Separator's Maximum Rated Air Flow SCFM}} \right]^2 \times \text{Rated Pressure Drop (obtain from scale on right side)}$$