

## Formula to calculate capacity of diaphragm

Meters at elevated pressures:

$$\sqrt{\frac{\text{Operating Pressure} + \text{Atmospheric Pressure}}{\text{Base Pressure}}}$$

X(Times) Meter capacity at 4 ounces =

Meter capacity at your working pressure

**Example: What is the capacity of a 415 meter at 2 PSIG?**

$$\frac{2 + 14.48}{14.73} = 1.057$$

**1.057 X 415 = 438 SCFH @ 2 PSIG & 1/2"**  
W. C. differential pressure

**1.057 X 900 = 951 SCFH @ 2 PSIG & 2"**  
W. C. differential pressure