



**Mueller
Environmental
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2003**

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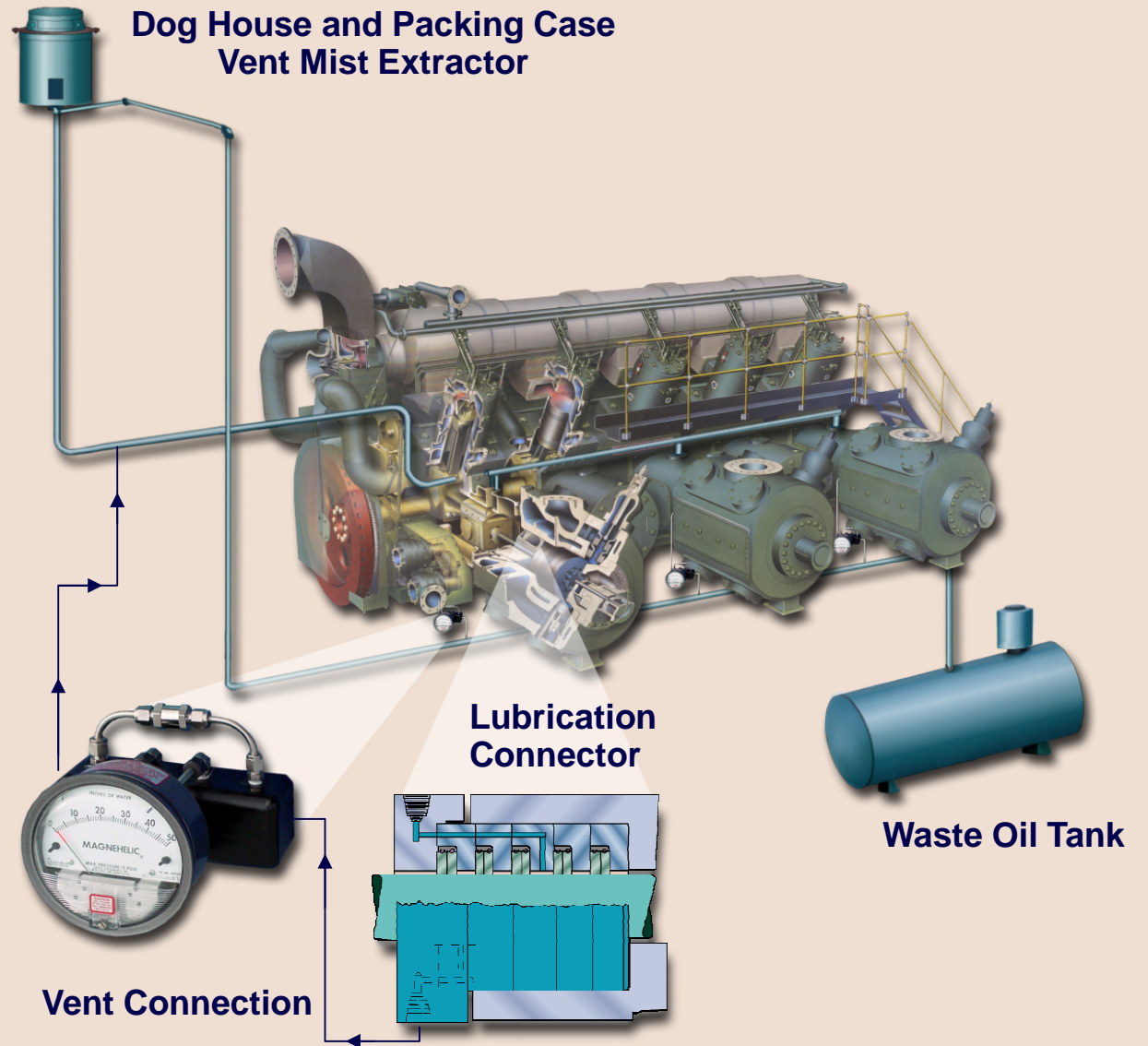
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Compressor Rod Packing Vent Flow Indicator

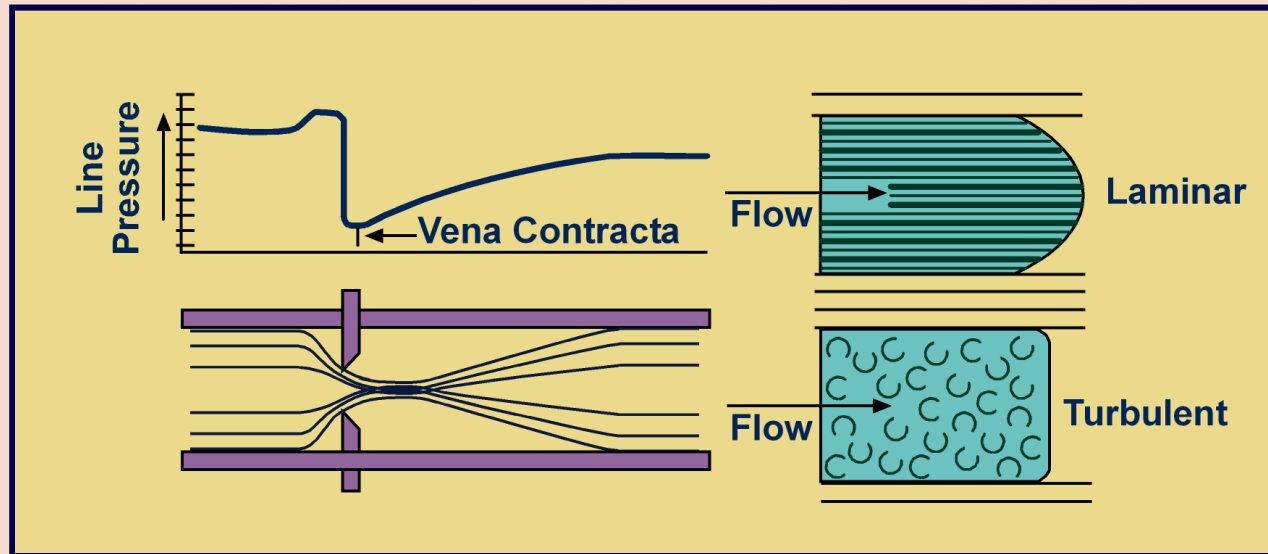


- ◆ **Development**
- ◆ **Design Concept**
- ◆ **Flow Formulas**
- ◆ **Indicating Face Changes**
- ◆ **Economic Formula**

Compressor Rod Packing Vent Flow Indicator



Differential Pressure Flow Meters



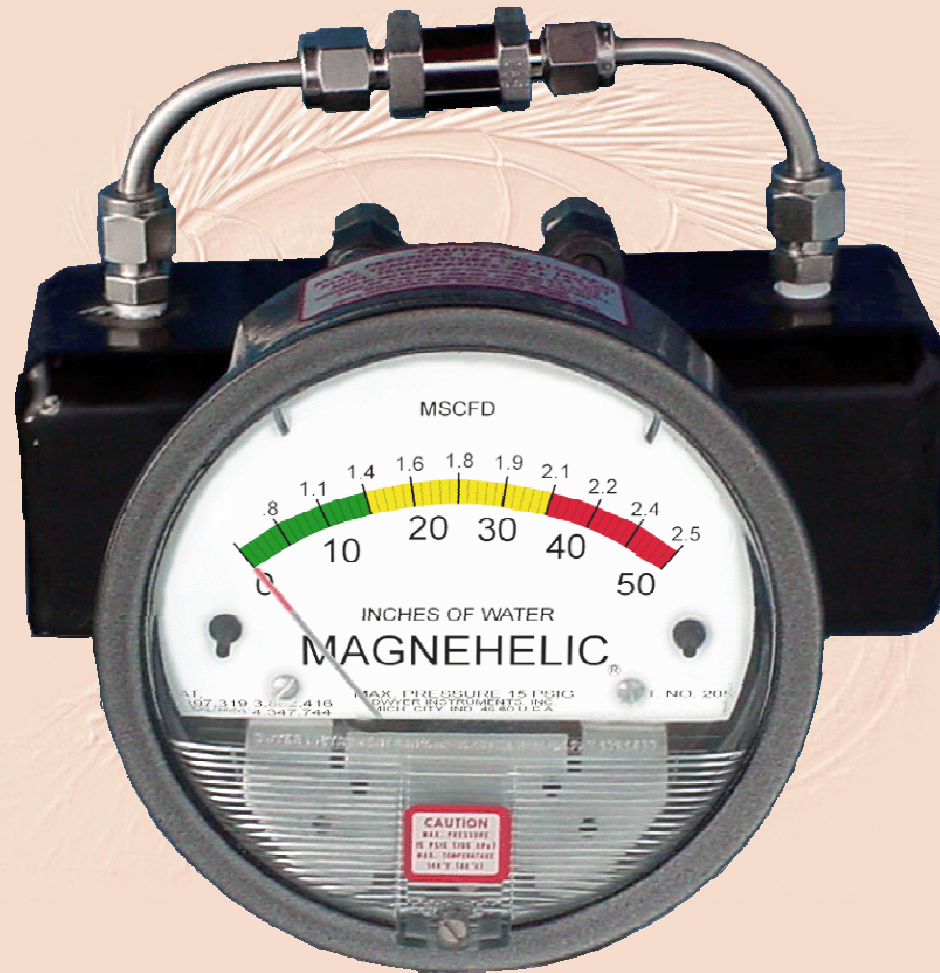
$$V = k(h/D)^{0.5}$$

or $Q = kA(h/D)^{0.5}$

or $W = kA(h/D)^{0.5}$

- (V) Velocity
- (Q) Volumetric Flow
- (W) Mass Flow
- (k) Discharge Coefficient
- (D) Density
- (A) Area (square inch)
- (h) Pressure Differential

Compressor Rod Packing Vent Flow Indicator



Compressor Rod Packing Vent Flow Indicator

Economic Model

MSCFD x Cost of Gas (Per MCF) x Number of Days = Cost of Gas Vented

Compressor Rod Packing Vent Flow Indicator



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