



Uniflow Technical Specifications

Uniflow

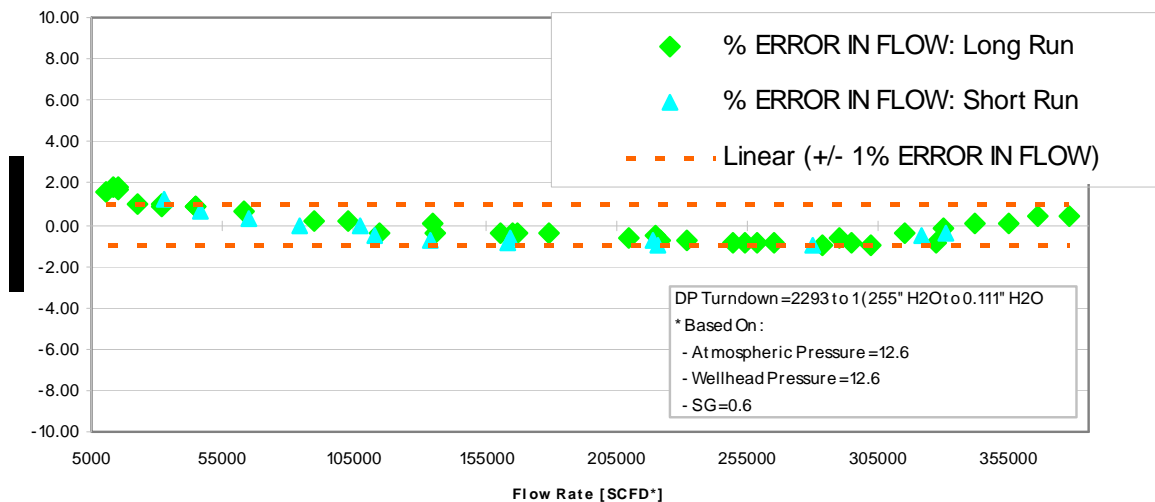
The Uniflow is a new and unique flow meter that combines two differential pressure technologies to produce high accuracy and low velocity flow rates at turndowns tested up to 65:1 with no straight run requirements.

Performance Specifications:

- Accuracy : $\pm 1.0\%$
- Repeatability: $\pm 0.1\%$
- Flow Turndown: Up to 65:1
- Increased Differential Pressure
- Minimal Straight Run
- Low Permanent Pressure Loss
- Constant Flow Coefficient



CEESI Flow Tests
UniFlow Long and Short Run Tests
Flow Coefficient vs. Equivalent Gas[SCFD]
Test Dates: 8-21-02 & 11-7-02



Technical Specifications:

• 3" Uniflow

- Dimension: 10.5"L x 10"W x 20.5"H
- Weight: 82 lbs.
- Connection: 3" 300# ANSI 316SS Flange
- Multiport Pitot: 7/8" Verabar
- Transmitter: Foxboro 0-840 inH₂O Range
- Manifold: 5 Valve 316SS
- Thermistor: M20 x 1/2NPT RTD
- Conduit & Fittings: IEC Ex Rated

• 4" Uniflow

- Dimensions: 10.5"L x 10"W x 21.5"H
- Weights: 102 lbs.
- Connections: 300# ANSI 316SS Flange
- Multiport Pitot: 1/2" Verabar
- Transmitter: Foxboro 0-840 inH₂O Range
- Manifold: 5 Valve 316SS
- Thermistor: M20 x 1/2NPT RTD
- Conduit & Fittings: IEC Ex Rated

