

PFS Rectangular Venturi Meter (HVT-RV)

Brand: Primary Flow Signal



Short Description

0.75% Uncalibrated Uncertainty Low Loss, For Rectangular Conduits Line Size: 1/2 to 96 inches. Larger sizes available. Head Loss % of Differential: 5.0 to 12.0 percent
Recommended Pipe Reynolds Number: Greater than 75,000 for basic accuracy

Description

The HVT designed Rectangular Venturi Meter offers substantial design and engineering flexibility with end arrangements. (flanged, mechanical joint, weld end, etc.) combined with various body materials and coatings to achieve pressure, temperature, flow range, line fluid, line size, laying length and cost objectives as dictated by the specific applications. The Rectangular Venturi Meter design provides the same basic performance as the circular design (accuracy and head loss) without the need to transition from rectangular duct to circular for the purpose of achieving high accuracy flow measurement. There are no specific size limitations and the meter profile can be made of cast in place concrete which incorporates a machined inlet and throat section that is also cast in place. A wider variety of secondary instrumentation is available including direct interface taps, multi-taps and sealed diaphragm sensors.