

# PFS Cast Iron/Ductile Iron Venturi Flow Meters (HVT-CI,HVT-DI)

**Brand:** Primary Flow Signal



## Short Description

0.50% Uncalibrated Uncertainty Low Loss, Municipal & Industrial Applications Line  
Size: 4 to 96 inches Head Loss % of Differential: 3.50 to 10.0 percent Recommended  
Pipe Reynolds Number: Greater than 75,000 for basic accuracy

## Description

The HVT-Halmi Venturi Flow Element in Cast Iron and Ductile Iron form is offered exclusively by Primary Flow Signal, Inc. for the highest accuracy and reliability for flow measurement of pressurized line fluids, including liquids and gases, as well as high-viscosity line fluids, solids-bearing line fluids, and harsh or contaminated line fluids. The Cast Iron (HVT-CI) is well proven in municipal water and wastewater flow measurement and control applications, as well as air and other gases. The Ductile iron (HVT-DI) version is available for higher line pressure applications. Flow Control The HVT design is optimal for use with close-coupled butterfly valves to form highly efficient and effective flow rate controllers for filter effluent control. See Rate of Flow Controllers for more details. Solids Bearing Flow The HVT design is also available configured with remote diaphragm seals making sewage flow measurement cost effective, accurate, and reliable without the concern for blocked pressure taps. See Sealed Meter System datasheet for more details. Complete Section For turnkey installation a PFS Flow Master system can be provided along with any dP measurement device providing fully integrated control, management and reporting capabilities.