

ReUse NON-POTABLE WATER

The HVT-PR Halmi Plastic Insert-Type Venturi Meter for ReUse Water is the **SPECIFICALLY** designed for reuse water applications.

The Water ReUse Program:

The population in Florida has more than tripled since the 50's and with it, the continued need to provide adequate water resources has precipitated many experimental attempts at creative solutions for these requirements.

One such solution which has proven very effective has been the reuse of water resources from wastewater treatment facilities for purposes of irrigation of private and public access areas, farmlands and the like.

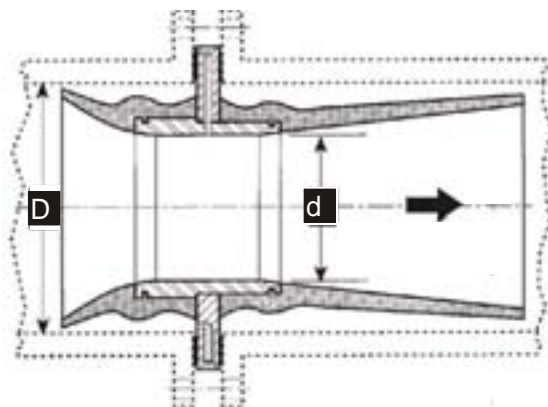
Such reuse programs have found wide acceptance statewide. Inherent to the program operating parameters is the need for accurate and reliable flow measurement. For purposes of identification, reuse water lines are painted in a distinctive fuchsia color.

The PFS Contribution:

Primary Flow Signal, Inc. has been intimately involved in the art and science of accurate, reliable and cost effective flow measurement in a widely diverse array of applications including municipal water and waste water. The HVT (Halmi Venturi Meter) has been proven through decades of successful installations worldwide, and has, in its various configurations, provided innovative solutions for nearly every kind of flow metering challenge.

To assist the ReUse water users, PFS makes available the HVT-PR (Plastic Insert-ReUse Meter.) This device is highly accurate, reliable and cost effective. Of particular importance is that the HVT-PR is manufactured and finished in the ReUse Water Coded Color.

Model HVT-PR Plastic Insert-Type Meter for ReUse



$$\text{Beta} = d/D$$

Line Size: 3" diameter and larger

Standard Beta Ratio: A = 0.5000 (approximate)

B = 0.6000 (approximate)

C = 0.7000

Cones: Polyester resin reinforced with glass, 30% by weight

Throat: 304 Stainless steel, standard; Bronze and other materials available

Center Flange: Carbon steel, epoxy coated-standard; Stainless steel and other materials available

Line Pressure: As specified

Line Temperature: To 150 degrees F. maximum-standard; 300 degrees F. maximum-special

Accuracy: Bench Calibrated: +/-0.50 % for 3" diameter and larger

Flow Calibrated: +/- 0.25 % up to 30" line size