



# Application Guide

## Large Meters

Propeller Meter	Turbo Meter	Compound Meter
10:1 Flow Range 25% Extended Intermittent Flows No Low Flows Non-Billing Meter Accountability + or - 2% Accuracy	100:1 Flow Range 25% Extended Intermittent Flows Good Low Flow Measurement Good Billing Meter Good Accountability Meter + or - 1-1/2% Accuracy	1000:1 Flow Range 50% of Normal Operating Range Excellent Low Flow Measurement Excellent Billing Meter Not Recommended for Accountability + or - 1-1/2% Accuracy 95% @ Crossover Rate
Low Initial Cost Low Maintenance Expense Heavy Duty Construction	Medium Initial Cost Low Maintenance Expense Simple Construction	High Initial Cost Higher Maintenance Expense
150 PSI or 300 PSI Rating Electronic Output: (Quantity or Flow Rate) Lowest Head Loss Installation Variations: 1. Flanged Tube 2. Plain End Tube 3. Weld-On Saddle Type 4. Clamp-On Type	150 PSI Rating Only Electronic Output: (Quantity or Flow Rate) Low Head Loss Installation Variations: 1. Flanged Tube 2. Screwed Ends - (2")	150 PSI Rating Only Electronic Output: (Quantity Only) Highest Head Loss Flanged Connections Only
Optional Rate of Flow Indicator (ROFI)	Rate of Flow Indicator Not Available On Register	Rate of Flow Indicator Not Available On Register
Straight Pipe <b>Required</b> Straightening Vane Assembly In Tube	Straight Pipe <b>Required</b> Straightening Vane Assembly in Tube	Straight Pipe Recommended Straightening Vane Assembly Integral to Turbine Chamber
"Dirty" Water Applications Strainer Not Required A Heavy Duty "Work Horse"	Clean, Potable Water and Some "Dirty" Water Applications Strainer is Recommended/Required A "Thoroughbred" Meter	Clean, Potable Water Only Strainer Is Recommended, Not Required A "Steeplechase" Meter Covering "Highs" and "Lows"
Measuring Chamber Exchange Available (MMP)	Measuring Chamber Exchange Available (MMP)	Complete Meter Exchange Available (MMP)
Not Recommended for Dual Service	Dual Service Applications (Domestic and Fireline)	Not Recommended for Dual Service

### AUTHORIZED SENSUS DISTRIBUTOR



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