

INTRODUCING

The FlowPro Model 100 Vortex Flowmeter

A high-performance, affordable solution.



Water conservation begins with accountability—and accountability requires metering.

The FlowPro model 100 vortex flowmeter empowers the average water consumer to have an affordable and convenient means to manage and monitor water consumption as it is happening; real-time, providing both the rate and total amount of water being used.

The model 100 flowmeter is a cost-effective defense against shocking water over-use charges caused by unknown sources of leakage, plumbing malfunction, or simply lack of attention. Constructed of PVC plastic, the meter is compatible with a large number of standard PVC plumbing components and associated hardware.

The model 100 flowmeter offers the best cost-performance advantages available on the market today.

LEARN MORE: www.FlowProMeters.com EMAIL: chuck.miller@flowprometers.com

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APPLICATIONS

- Sprinkler Systems
- Sub-Metering
- Irrigation Systems
- Water Well Monitoring
- Conservation Projects
- Turf

FEATURES & BENEFITS

Features

No maintenance
 No Mechanical Rotating Parts
 Low Pressure Drop

Ultra-low Power Consumption
 No Orientation Sensitivity
 ABS Material
 Performance
 Out-of-range indicator
 Battery Replacement Indicator
 Low Acquisition Cost
 Low Operating Cost

Benefit

New meter replacement for valid warranty claims
 Rugged, reliable, tolerates particulates
 High flow rate at low-supply pressure saves energy less than one-half the pressure drop of most mechanical meters
 3-4 year expected battery life
 Flexible, simplifies installation
 Compatible with all standard ABS/PVC couplings
 Maintains accuracy with heavy usage
 Prevents false recording of flow
 Takes guess-work out of battery replacement
 Deep quantity discount available
 Less than 30 cents/year, typical

SPECIFICATIONS

Size

1 inch

Flow Range

0.5 to 20 GPM

Accuracy:

Range: 1 to 20 GPM

Range: 0.5 to 1 GPM

+/- 2% of totalizer reading

+/- 0.1 gallon/gallon

Pressure loss at 20 GPM

Less than 1.5 psid @ 20 GPM

Operating Temperature

32 to 150° F

Material of Construction:

Vortex Generator

Stainless Steel

Meter Body

ABS Material

LCD Display:

Flowrate - GPM

3-digit, 0.1 GPM resolution

Flow total - gallon

8-digit, 0.1 gallon resolution

Alert icons

Low battery, out-of-flow range

Auto reset

10 million gallons/battery change

Installation:

Connectors

Compatible with all standard PVC/ABS fittings

Meter Orientation

Performance unaffected by orientation

Special Install requirements

10 inches of straight run piping upstream, 5 inches straight run piping downstream.

Power

Two AA batteries