METER TECHNOLOGY WERKS

SPECIFICATION SHEET

PD19

Potable Cold Water Meter 5/8” x 3/4” x 7.5”

Features

- Accurate in any orientation
- Remote ready, includes pit pulse
- Large numbers for easy reading
- Rated to 120° F and 150 psi
- 1 pulse = 1 USG
- Great low flow
- No-lead polymer casing with brass threads, meets NSF/ANSI 61 and 372 standards
- Glass lens resists scratching
- 1-year new meter accuracy warranty/ 5-year standard warranty for casing, register, and accuracy (AWWA C710)

Specifications

Typical Operating Range +/- 1.5% (gpm)	1/4 - 15
Low Flow (Min. -5%) (gpm)	1/8
Max Continuous Operating Flow (gpm)	15
Max Operating Capacity (gpm)	20
Max Operating Temperature (°F)	120
Max Operating Pressure (psi)	150
Meter Length Screw Ends (in.)	7.5
Meter casing spuds, nominal thread size (in.)	1 NPSM
Weight (lbs)	2.0

Application

For use in measurement of potable cold water in residential, commercial and industrial services where flow is in one direction only.

The PD19 main casing is made of polymer, glass filled material that comply with NSF/ANSI 61 and 372. All PD19’s not only meet or exceed NSF 61 but are also labeled accordingly. The serial number is engraved on the casing.

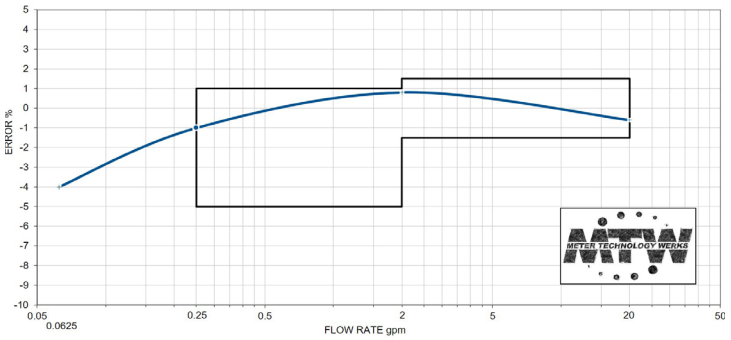
The combined gear and register unit is fully sealed with straight odometer for visual reading of billable units as well as a group of high-precision pointers for accurate testing by governing agencies. Both the register and pulse unit are pit rated to IP68 (NEMA 6).

Measuring chamber is an oscillating piston type (positive displacement) and is made of engineered plastics that meet NSF 61 standards.

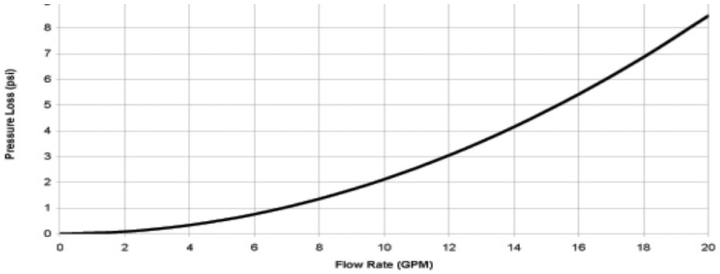
Along with NSF 61 approval, the PD19 is also approved with NTEP in both horizontal and vertical positions for cold water applications.

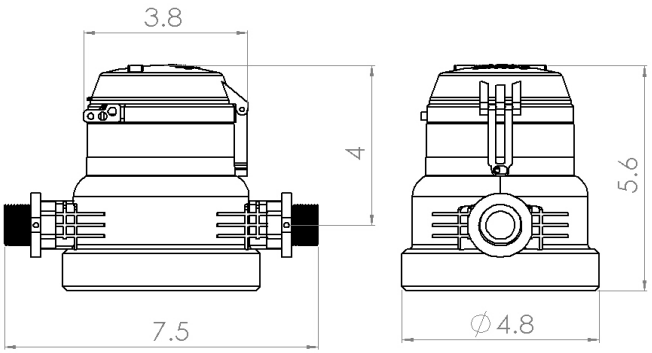
Accuracy

PD19 Average Accuracy Curve (actual stock meters tested on MTW test bench)



Pressure Loss





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