

POSITIVE DISPLACEMENT PLASTIC WATER METER

Model: PD-Meter



(Gallons)



(Cubic Feet)



(m3)

Application:

Measuring the volume of cold potable water in residential, commercial and industrial services where flow is in one direction only.

Operation:

PD meter is an oscillating piston style, positive displacement water meter. The meter utilizes a piston that water flow rotates in a measuring chamber, each piston revolution being equivalent to a known volume of water.

Features:

- I Comply to AWWA Standard C710
- I The main case is made of engineered polymer, lead free

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- I Tamper proof screw is added to the meter
- I Pulse output prepared (1 pulse per 10 gallons)

MAIN TECHNICAL DATA (AWWA C710)

Meter Size	5/8" x 1/2"	5/8" x 3/4"
Bore Diameter	5/8" (DN 15mm)	
Typical Operating Range (100% +/- 1.5%)	1/2 – 25 GPM (0.11 – 5.7 m3/h)	
Low Flow (Min. 95%)	1/4 GPM (0.057 m3/h)	
Maximum Continuous Operation	15 GPM (3.4 m3/h)	
Pressure Loss at Maximum Continuous Operation	4.5 PSI at 15 GPM (0.3 bar at 3.4 m3/h)	
Maximum Operating Pressure	150 PSI (10 bar)	
Maximum Operating Temperature	120° F (50° C)	
Measuring Element	Oscillating Piston, positive displacement	
Register capacity	10,000,000 Gallons 1,000,000 Cubic Feet 100,000 m3 6 digit wheels	
Meter Spud Thread and Coupling Nut	3/4"	1"
Tailpiece Pipe Thread (NPT)	1/2"	3/4"
Meter Length (Screw Ends)	7-1/2" (190mm)	
Weight	2-1/2 lbs. (1.0 kg)	

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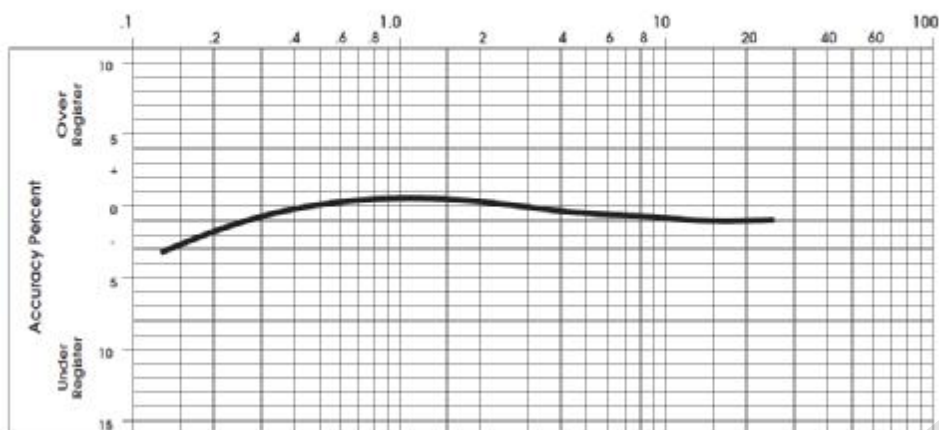
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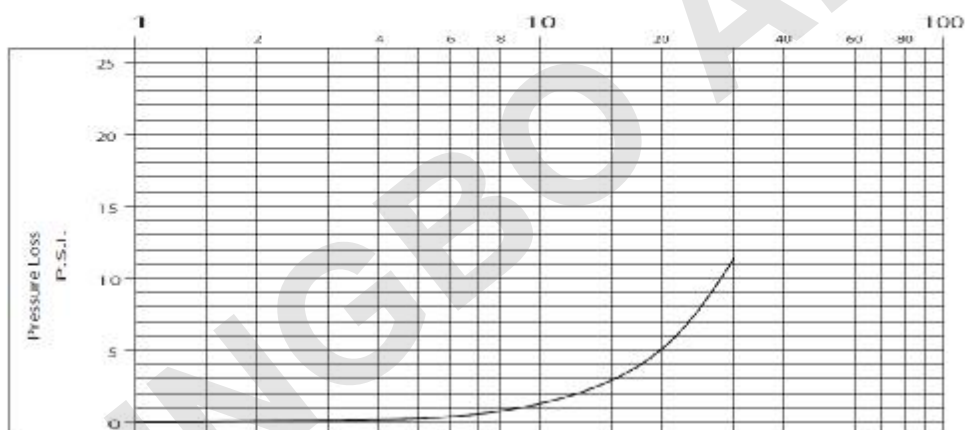
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ACCURACY CHART
Rate of Flow, in Gallons per Minute



PRESSURE LOSS CHART
Rate of Flow, in Gallons per Minute



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