



Fire Hydrant Meter

3"

High accuracy. High volume.
Long life.



Accurate Measurement for Temporary Water Use

A lightweight aluminum case, replaceable and lockable handle, stainless steel internal inlet strainer, and unitized measuring chamber simplify handling and maintenance for the MFH Fire Hydrant Meter. The 3" MFH boasts high accuracy over broad flow ranges to maximize revenue from construction site or other temporary water use.

FEATURES & BENEFITS

- Accurate measurement for temporary water use
- Lightweight aluminum case
- High accuracy over wide range of flow

TECHNICAL SPECIFICATIONS:

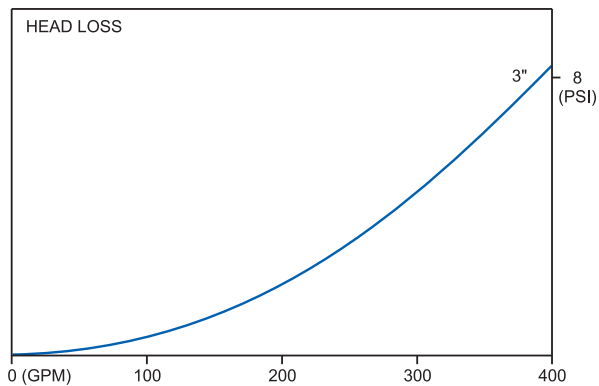
Description	AWWA Class II Turbine Meter.	Register	Standard direct read. A six-wheel odometer is standard. Registration is available in gallons or cubic feet.
AWWA Standard	Meets or exceeds the performance required by AWWA Standard C701, most recent revision, for Class II Turbine Meters.	Register Sealing	Direct read and DIALOG® System registers are permanently sealed, with a tempered glass lens, stainless steel base and wrap-around gasket to prevent intrusion of dirt or moisture.
Main Case	3" constructed of lightweight aluminum, with lockable handle and stainless steel internal inlet strainer. Equipped with 2.5" NST swivel inlet coupling and 2.5" male NST outlet coupling. Bronze register retaining ring and lid are standard.	Test Circle	Large center sweep hand with 100 clearly indicated graduations per minimum registration unit, with each tenth marked.
Measuring Chamber	Meter chamber assembly and turbine are constructed of durable, engineering plastics for extended service life.	Low Flow Detector	Center-mounted indicator with high sensitivity resulting from direct one to one linkage to the measuring element.
Magnetic Drive	A reliable, direct magnetic drive provides linkage between measurement element and register. No intermediate gearing is required; no gearing is exposed to water.		

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METER OPERATING CHARACTERISTIC/DIMENSION	3"
Normal Operating Range ($\pm 1-1/2\%$) (gpm)	5-530
Continuous Operating Range (gpm)	5-400
Low Flow (95%) (gpm)	4
Maximum Intermittent Flow (gpm)	530
Maximum Working Pressure (psi)	175
Maximum Working Temperature ($^{\circ}\text{F}$)	120
Length	17.3"
Height	10.1" to top of handle
Height, bottom to center line	2.6"
Width	6.4"
Weight (lbs)	20
Packed per Carton	1
Carton Weight (lbs)	22
Register Capacity (millions) - U.S. Gallons	100
Register Capacity (millions) - Cubic Feet	10
Maincase Material	Aluminum
Flanges/End Connections	Inlet: 2-1/2" NST Swivel – Outlet: 2-1/2" Male NST

Head Loss Curves



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MMS FHM-3 Rev11/01/06

