

CATÁLOGO TÉCNICO

MEDIDORES DE FLUJO CHORRO MULTIPLES

Multi-Jet Cold Water Meter – Industrial Quality



MAYPEROT
FLOW METERS

www.mayperot.com
mayperot@gmail.com
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+58-416-9632815



CARACTERÍSTICAS:

Contadores de Agua para Totalización Los medidores de agua de chorro múltiple PRM son conocidos por su amplio alcance, simplicidad y precisión en agua de baja calidad. Características: Esfera seca sellada para lecturas claras Filtro interno para proteger el medidor contra daños por partículas



DESCRIPCION:

- MAX. FLOW RATE 160 GPM -36 M3/HR. Elegir segun requerimiento.
- CONNECTION SIZE 2 INCH NPT
- MAXIMUM WATER TEMPERATURE 104 DEGREES F
- MAXIMUM WATER PRESSURE 150 PSI
- MOUNTING ORIENTATION HORIZONTAL
- LENGTH 12 INCHES
- LENGTH OF ADAPTERS 3 INCHES
- UPC 0758576888385
- Model WM200VX
- MPN 01N31GMU

MEDIDOR DE FLUJO 2" NPT Multi-Jet Cold Water Meter



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The PRM WM Multi-Jet Water Meter is ideal for commercial and industrial applications. The multi-jet design allows simplicity and accuracy with wide flow ranges, even in low flow applications. The hermetically sealed register will not leak or fog and is completely separated from the water. These water meters are designed for long service life and maintenance-free operation. Not for potable water use, brass contains lead in excess of low lead limits.

Installation Instructions

1. Thoroughly flush the service line upstream of the meter to remove dirt and debris.
2. Remove meter spud thread protectors. Note: To protect meter spud threads, store the meter with thread protectors in place. Attach included NPT adapters for easy connection to piping.
3. Set the meter in the line. Install in a horizontal plane, with the register upright, in a location accessible for reading, service and inspection. Arrows on the side of the meter and above the outlet spud indicate the direction of flow.

INSTALLATION



4. For accurate measurement, the tap height should be higher than the meter.
5. Do not over-tighten connections; tighten only as required to seal. Do not use pipe sealant tape on meter threads.
6. With upstream shut-off valve only: Open shut-off valve slowly to remove air from meter and service line. Open a faucet slowly to allow entrapped air to escape. Close the faucet.

With both upstream and downstream shut-off valves installed:

7. Test the installation for leaks: Close the outlet (downstream) shutoff valve. Open the inlet (upstream) shut-off slowly until meter is full of water. Open the outlet (downstream) valve slowly until air is out of the meter and service line. Open a faucet slowly to allow entrapped air to escape. Close the faucet.

SPECIFICATIONS

Service: Water.

Wetted Materials: Body: Brass, polyethylene; Couplings: Brass; Measuring Chamber: Polyethylene.

Accuracy: Transitional Flow: $\pm 5\%$; Nominal Flow: $\pm 2\%$.

Temperature Limit: 104°F (40°C).

Pressure Limit: 232 psi (16 bar).

Output Signal: Pulse output with frequency proportional to flow rate.

Pulse: Depends on size. Can be reconfigured to 10 pulses/gal, 1 pulse/gal, or 1 pulse/10 gal.

Mounting Orientation: Horizontal.

MAINTENANCE/REPAIR

Preventative maintenance consists of periodic inspections and cleaning procedures.

The procedures should be performed at regular intervals, and any defects discovered should be corrected before further operation of the meter.

Visually inspect the meter for missing hardware, broken resistor glass, or other signs of wear or deterioration. Verify proper flow rate and pressure for meter. A loss in pressure, with the resulting flow rate decrease, may indicate the meter screen is clogged and requires cleaning.

Clean the strainer yearly, or as required, depending on water condition. Pull out the strainer or back flush the meter to loosen trapped particulates.

Multi-Jet Water Meters

www.prmfiltration.com

Multi-Jet Water Meters for commercial and industrial applications.

PRM multi-jet water meters are known for their wide range, simplicity, and accuracy in low quality water. These water meters are designed for long service life and maintenance-free operation, built for harsh conditions with hydrocarbon resistant seals.

Absolute Quality:

- All Meters have Hydrocarbon Resistant Seals and will not be damaged by dissolved amounts of free product
- Sealed Dry Dial for Clear Readings
- Internal Strainer to Protect Meter from Particulate Damage

Specifications:

Class: B

Accuracy: Transitional Flow: $\pm 5\%$
Nominal Flow: $\pm 2\%$

Maximum Water Temperature: 104°F

Maximum Water Pressure: 150 psi

Mounting Orientation:

1/2" and 3/4" Horizontal or Vertical

1"-4" Horizontal

PRM Part Number: Description

WM050VX— 1/2" NPT multi-jet water meter

WM075VX— 3/4" NPT multi-jet water meter

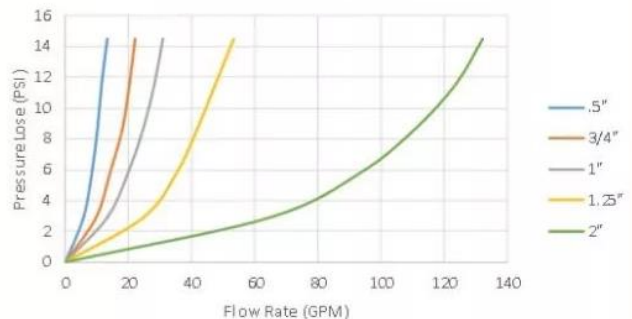
WM100VX— 1" NPT multi-jet water meter

WM125VX— 1-1/4" NPT multi-jet water meter

WM200VX— 2" NPT multi-jet water meter



Head Loss Curve



Materials:

Body: Brass, polyethylene

Couplings: Brass

Measuring Chamber: Polyethylene

Paint: Epoxy Coated

Seal: Viton

Mounting Orientation: Horizontal

Not for use with Potable Water

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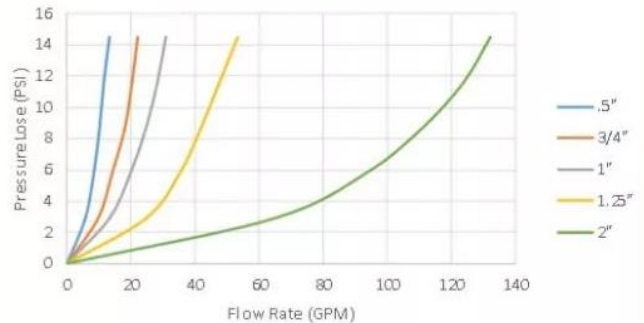
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- WM100VX— 1" NPT multi-jet water meter
- WM125VX— 1-1/4" NPT multi-jet water meter
- WM200VX— 2" NPT multi-jet water meter



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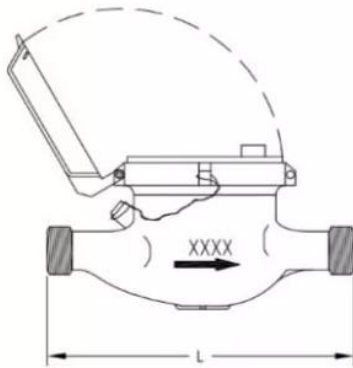
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Multi-Jet Water Meters (No Pulse)

www.prmfiltration.com



Materials:

Body: Brass, polyethylene

Couplings: Brass

Measuring Chamber: Polyethylene

Paint: Epoxy Coated

Seal: Black: Buna-N, White: HDPE

Mounting Orientation:

1/2" and 3/4" Horizontal or Vertical

1"-4" Horizontal

Not for use with Potable Water

Part #:	Size:	Length (in)	Length with NPT adapters	Height (in)	Weight (lbs.)	Max. Flow	Nom. Flow Range
						Gallons Per Minute	
WM050VX	1/2" NPT	7	10.5	4.75	3	10	1-10
WM075VX	3/4" NPT	8	12	4.75	3.5	20	1-20
WM100VX	1" NPT	10.5	14.5	4.5	5.5	30	2-30
WM125VX	1-1/4" NPT	10.5	15.5	5	6	50	3-50
WM200VX	2" NPT	12	18	6.5	14	130	5-130

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