

WM Series

Water Flow Meter



The WM Series water meters are multi-jet (inferential) impeller meters. They measure total flow in gallons. The impeller and magnet are the only moving parts in the measuring chamber. The chamber is located in a strainer basket, which allows for high amounts of impurities to be passed through the meter without affecting its operation. The impeller movement is transferred by a magnetic coupling to the hermetically sealed register.

FEATURES

- Proven multi-jet water meter design.
- Hermetically sealed dry dial protected from the elements, won't discolor or fade.
- Integral strainer in measuring chamber protects measuring components from foreign debris.
- Tempered glass lens for continued readability.
- Hinged lens cover to protect lens and register from damage.
- Magnetic drive to eliminate potential leak point.
- Easy to read register display with large clear digits.
- Odometer measures in gallons up to 9,999,999 (99,999,999 for WM150/200).
- Needle displays 10 gallons per rotation in 1/10th gallon increments with full gallon numbers. (100 gallons per rotation in 1 gallon increments with 10 gallon numbers for WM150/200)
- Low flow indicator.
- Frost resistant forged bronze body.
- Horizontal or vertical installation. (1/2" to 3/4") Horizontal only (1" to 2")
- Connections are external non-tapered meter threading (comes with Male NPT thread adapters).

WM SERIES MODEL NUMBERING

Model Number: **WM X X**

Body x Connection Size: **WM X X**

50 = 5/8" x 1/2"

75 = 5/8" x 3/4"

7575 = 3/4" x 3/4"

100 = 1" x 1"

150 = 1-1/2" x 1-1/2"

200 = 2" x 2"

Optional:

Output: **PO** = Dry Contact Reed Switch

Pulse Output*

* Not available on WM75, use WM7575.

MAXIMUM PRESSURE

150 PSI

TEMPERATURE RANGE

Up to 100°F

MATERIALS OF CONSTRUCTION

Housing:

Epoxy coated forged bronze.

SPECIFICATIONS

Accuracy:

± 1.5%.

DIMENSIONS, WEIGHTS & ADDITIONAL SPECIFICATIONS

Body Size	Conn. Size	Dimensions			Flow (GPM)			Wt. (lbs.)	Model No.
		Length	Width	Height	Low	Normal	Max		
5/8"	1/2"	7.500	3.750	4.125	0.25	1-15	20	4	WM50
5/8"	3/4"	7.500	3.750	4.125	0.25	1-20	20	4	WM75
3/4"	3/4"	9.000	3.750	4.125	0.25	2-25	30	5	WM7575
1"	1"	10.750	4.125	3.875	0.50	3-30	50	5	WM100
1-1/2"	1-1/2"	12.625	5.375	6.750	1.50	5-75	100	11	WM150
2"	2"	15.250	5.750	7.625	2.00	8-120	160	17	WM200