

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.
- 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 | Max | | |
| 5/8" | 1/2" | 7.500 | 3.750 | 4.125 | 0.125 | 20 | 4 | WM50 |
| 5/8" | 3/4" | 7.500 | 3.750 | 4.125 | 0.250 | 25 | 4 | WM75 |
| 3/4" | 3/4" | 9.000 | 3.750 | 4.125 | 0.250 | 30 | 5 | WM7575 |
| 1" | 1" | 10.750 | 4.125 | 3.875 | 0.500 | 50 | 5 | WM100 |
| 1-1/2" | 1-1/2" | 12.625 | 5.375 | 6.750 | 1.500 | 100 | 11 | WM150 |
| 2" | 2" | 15.250 | 5.750 | 7.625 | 2.000 | 160 | 17 | WM200 |