**RATE-MASTER® DIAL-TYPE FLOWMETERS**

Brass Body, Three Ranges to 20 GPM Water, Shatterproof Construction

The **SERIES RMV** Rate-Master® Flowmeters measure higher water flow rates with ±2% of full scale accuracy at an affordable price. Stocked models are fitted with 1" female NPT inlet and outlet; 3/4" and 1/2" sizes are also available. Install in line, supported by piping or flush panel mount with complete hardware package included.

**FEATURES/BENEFITS**
- Rugged forged brass housing yields great compatibility and strength, allowing the unit to withstand system pressures to 1000 psig (68.9 bar).
- Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life.
- Unique construction fully isolates flowing media from gage front for leak-proof operation.
- Rugged forged brass body which is ideally suited for water flows with ±5% of full scale accuracy. Body is fitted with 1” female NPT inlet and outlet; 3/4” and 1/2” sizes are also available. Install in line, supported by piping or flush panel mount with complete hardware package included.
- Threads are standard 3/4” female NPT.

**APPLICATIONS**
- Monitor coolant flow through ingot heaters, high-amp switchgear, resistance welders, heat exchangers, compressors, scrubbers.
- Calculate required fill or drain times for tanks, water towers.

**SERIES RMVII**

**Rate-Master® Flowmeters** consists of a machined brass meter body which is ideally suited for water flows with ±5% of full scale accuracy. Body design fits standard 4-1/2” mounting hole layouts per ANSI B40.1. Inlet and outlet threads are standard 3/4” female NPT.

**FEATURES/BENEFITS**
- Unique construction fully isolates flowing media from gage front for leak-proof operation at pressures up to 3000 psig (206.7 bar).
- Target-type design combined with a damage resistant magnetic linkage, drive a pointer over easy-to-read lino scale.
- Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life.

**APPLICATIONS**
- Monitor coolant flow through ingot heaters, high-amp switchgear, resistance welders, heat exchangers, compressors, scrubbers.
- Monitor water consumption to different processes and operations for more efficient operations.
- Calculate required fill or drain times for tanks, water towers.

**OPTIONS**

To order add suffix: Description | Price
--- | ---
-NIST | NIST traceable calibration certificate +$215.00

**SPECIFICATIONS**

**SERIES RMV**

- **Service:** Compatible liquids.
- **Wetted Materials:** Brass, copper, 302 SS, sintered barium ferrite.
- **Temperature Limit:** 200°F (93°C).
- **Pressure Limit:** 1000 psig (68.9 bar).
- **Accuracy:** ±2% of full scale.
- **Size:** Diameter dial face 4” (101.6 mm).

**SERIES RMVII**

- **Service:** Compatible gases & liquids & oils.
- **Wetted Materials:** Brass, 302 SS, sintered barium ferrite, polyacetyl.
- **Temperature Limit:** 200°F (93°C).
- **Pressure Limit:** 3000 psig (206 bar).
- **Accuracy:** ±5% of full scale.
- **Size:** Diameter dial face 4.5” (114.3 mm).

**MODEL CHART**

**SERIES RMV**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, GPM Water</th>
<th>Connection Size</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>RMV-1</td>
<td>0 to 5</td>
<td>1” female NPT</td>
<td>$734.00</td>
</tr>
<tr>
<td>RMV-2</td>
<td>0 to 10</td>
<td>1” female NPT</td>
<td>$734.00</td>
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<tr>
<td>RMV-3</td>
<td>0 to 20</td>
<td>1” female NPT</td>
<td>$734.00</td>
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<tr>
<td>RMV-4</td>
<td>0 to 30</td>
<td>1” female NPT</td>
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<tr>
<td>RMV-5</td>
<td>0 to 50</td>
<td>1” female NPT</td>
<td>$734.00</td>
</tr>
</tbody>
</table>

**SERIES RMVII**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, GPM Water</th>
<th>Range LPM Oil</th>
<th>Range LPM Oil</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMVII-1</td>
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<tr>
<td>RMVII-2</td>
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<tr>
<td>RMVII-5</td>
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</tbody>
</table>

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

**USA:** California Proposition 65

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