**SERIES RMV**

**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).
- Unique construction fully isolates flowing media from gage front for leak-proof operation at pressures up to 3000 psig (206.7 bar).
- Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life.
- Flareless design fits standard 4-1/2” mounting hole layouts per ANSI B40.1. Inlet and outlet threads are standard 3/4” female NPT.
- Durable forged brass body which is ideally suited for water flows with ±5% of full scale accuracy.
- Body and gage are made of brass with ±2% of FS.

**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.

**SPECIFICATIONS**
- Service: Compatible liquids.
- Wetted Materials: Brass, copper, 302 SS, sintered barium ferrite.
- Temperature Limits: 20 to 200°F (-6.7 to 93°C).
- Pressure Limit: 1000 psig (68.9 bar).
- Process Connections: See chart.
- Maximum Flow: 5.5 x full-scale reading.
- Weight: 9 lb (4.08 kg).

**MODEL CHART**

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

**USA: California Proposition 65**

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

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**SERIES RMVII**

**RATE-MASTER® DIAL-TYPE FLOWMETERS**
For Panel Mounting, Three Ranges to 10 GPM Water, High Pressure Limits

The **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 93°C.
- Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life.
- Flareless design fits standard 4-1/2” mounting hole layouts per ANSI B40.1. Inlet and outlet threads are standard 3/4” female NPT.
- Durable forged brass body which is ideally suited for water flows with ±5% of full scale accuracy.
- Body and gage are made of brass with ±2% of FS.

**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.

**SPECIFICATIONS**
- Service: Compatible gases & liquids & oils.
- Wetted Materials: Brass, 302 SS, sintered barium ferrite, polyacetyl.
- Temperature Limit: 200°F (93°C).
- Pressure Limit: 1000 psig (68.9 bar).
- Process Connections: See chart.
- Maximum Flow: 1.5 x full-scale reading.
- Weight: 2 lb, 14 oz (1.3 kg).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range GPM Water</th>
<th>Range SCFM</th>
<th>Range LPM Air</th>
<th>Range GPM Oil</th>
<th>Range LPM Oil</th>
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<tbody>
<tr>
<td>RMVII-1</td>
<td>0 to 3</td>
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<td>RMVII-3</td>
<td>0 to 5</td>
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<td>RMVII-6</td>
<td>0 to 10</td>
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<td>RMVII-10</td>
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<td>0 to 10</td>
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