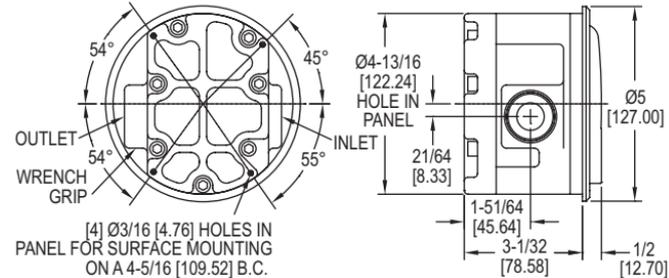


**Dwyer**

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  $\pm 2\%$  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

### 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

### OPTIONSS

To order add suffix:	Description
-NIST	NIST traceable calibration certificate
<b>Example:</b> RMV-1-3-NIST	

### 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).

**Pressure Drop:** 0 to 5 GPM: 3.2 psid; 0 to 10 GPM: 5.3 psid; 0 to 20 GPM: 10.4 psid.  
**Accuracy:**  $\pm 2\%$  of FS.  
**Size:** Diameter dial face 4" (101.6 mm).  
**Process Connections:** See chart.  
**Maximum Flow:** 1.5 x full-scale reading.  
**Weight:** 9 lb (4.08 kg).

### MODEL CHART

Model	Range, GPM Water	Connection Size
RMV-1-3	0 to 5	1" female NPT
RMV-2-3	0 to 10	1" female NPT
RMV-3-3	0 to 20	1" female NPT
RMV-1-2	0 to 5	3/4" female NPT
RMV-2-2	0 to 10	3/4" female NPT
RMV-3-2	0 to 20	3/4" female NPT
RMV-1-1	0 to 5	1/2" female NPT
RMV-2-1	0 to 10	1/2" female NPT
RMV-3-1	0 to 20	1/2" female NPT

USA: California Proposition 65

⚠WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)