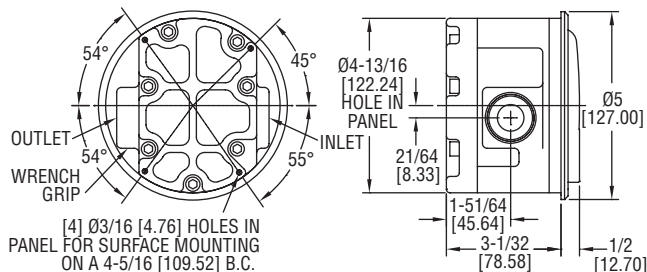




RATE-MASTER® DIAL-TYPE FLOWMETERS

Brass Body, Three Ranges to 20 GPM Water



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

OPTION	
To order add suffix:	Description
-NIST	NIST traceable calibration certificate
Example: 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