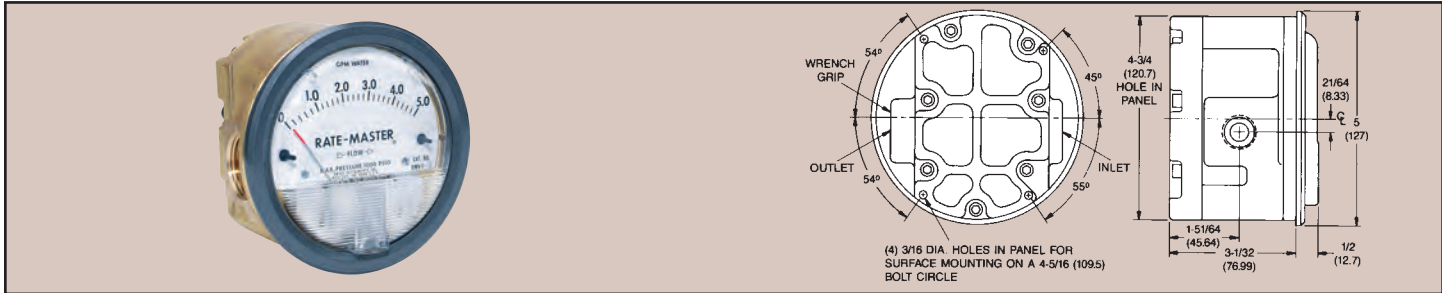




Series
RMV

Rate-Master® Dial-Type Flowmeters

Brass Body; Three Ranges to 20 GPM Water



Series RMV Rate-Master® Flowmeters measure higher water flow rates with $\pm 2\%$ of full scale accuracy at affordable prices. Rugged forged brass housing is standard on all models for great compatibility and the strength to withstand system pressures to 1000 psig (68.9 bar). Unlike glass tube rotameters, these units won't shatter and they work fine with even dark and/or opaque liquids. 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.

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 operation; calculate required fill or drain times for tanks, water towers.

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

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 full-scale.

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).

OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.

Example: RMV-1-3-NIST.