

Raven Precision Solutions specializes in:

guidance and precision systems

boom management systems

chemical injection systems

application control systems

planter control systems

fluid transfer systems and accessories

RAVEN

PRECISION
Solutions

To contact the dealer nearest you, call

Raven Industries 1-800-243-5435 or

Raven Industries Canada 1-800-793-2155

or visit our website at www.ravenprecision.com

VALVES & FLOW METERS



RAVEN

PRECISION
Solutions

Building the Platform for Success

INCREASE THE EFFICIENCY OF YOUR OPERATION WITH RAVEN

Raven offers a variety of competitively priced valves, flow meters, speed sensors, flow attachments, and manual control systems. Because our systems are engineered for compatibility with your existing equipment, transition from installation to the field is straight forward. When you expect proven performance, superior quality, and attention to detail — Raven is the right choice to add to your bottom line.

FLOW MAX Fluid Transfer Systems

Makes it easy and convenient to monitor product flow from the nurse truck to your sprayer. The digital display is easy to view and the controls are on the meter itself, right where you need it.

FLOW MAX 220

- Flanged 2" plumbing
- Weather-resistant enclosure
- Simple programming and operation
- Replaceable 3.6 volt long-life battery
- Records three separate total volumes
- Rate of flow displayed in U.S. or metric
- Mounts "in-line" to monitor flow rate accurately
- Self-contained digital display indicates flow rate and totals
- 100 GPM Maximum (fill most sprayers in 6 minutes or less)
- Self-contained – no other consoles, cables or flow meters needed



FLOW MAX 110

- Economical single-product flow monitor
- Quick installation and programming
- Weather-resistant enclosure
- Backlit display window
- Batch volume
- Rate of flow
- Total volume measured
- Sub-volume measured
- Requires the Raven flowmeter of your choice



FLOW MAX 810

- Pre-cutoff setting to ensure accurate batch volume
- Quick and easy installation and programming
- Optional cable lengths to fit your requirements
- Requires the Raven flow meter of your choice
- Start, stop, and clear batch controls
- Programmable batch size
- Non-volatile memory



RFM Series Flow Meters

Accurately measure a wide range of liquids at various flow rates with our simple, economical flow meters.

Available with capacities of 5G - 400G min



RFM 200

- 3" NPT Female Inlet and Outlet
- 300 PSI (Cast Iron) / 90 PSI (Poly) Pressure Rating
- 16 TYP Pulses/GAL
- 15-200 GPM Rated Capacity

063-0159-470	RFM 5 (0.1-5 GPM S.S. / 12 VDC)
063-0172-040	RFM 15 (.3-15 GPM Poly / 4.5-16 VDC) M200 Flanged
063-0159-571	RFM 55 (1-55 GPM Poly / 4.5-16 VDC)
063-0171-666	RFM 60S (1-60 GPM S.S. / 4.5-16 VDC)
063-0171-793	RFM 60P (1-60 GPM Poly / 4.5-16 VDC) M200 Flanged
063-0171-066	RFM 100 (5-100 GPM Poly / 4.5-16 VDC) M220 Flanged
063-0159-574	RFM 200 (15-200 GPM / 4.5-16 VDC) Electrolis Nickel Plated Cast Iron
063-0159-751	RFM 200P (15-200 GPM Poly / 4.5-16 VDC) M300 Flanged
063-0159-966	RFM 400 (25-400 GPM Poly / 4.5-16 VDC)
063-0171-890	RFM 60S (1-60 GPM S.S. / 4.5-16 VDC) (Sapphire Bearings)



RFM 60P

- 1 1/2" Ends Inlet and Outlet
- 175 PSI Pressure Rating
- 72 TYP Pulses/GAL
- Polypropylene Body
- 4.5 - 16 VDC Supply Voltage
- 10 mA Supply Current

Valve Products

All our valves are designed for simplified maintenance and serviceability.

POLY BUTTERFLY VALVE

- Compatible with popular flange fittings
- Features internal female NPT pipe threads to accommodate non-flange fittings
- Butterfly manufactured with Kynar for excellent wear and chemical resistance
- Available in both 1" and 1 1/2" sizes



ON/OFF & CONTROL VALVES

- New style powerhead
- New and improved coupler
- Full line of carbon steel, stainless steel and poly on/off and control valves
- Easier maintenance and serviceability



BOOM VALVE

- 40 GPM @ 5 PSI Pressure Drop per Valve
- 175 PSI Pressure Rating
- M200 Banjo Flange Inlet
- 3/4" Female NPT Outlets
- 0.7 Seconds On-time/Off-time
- Plunger-style valve for complete shut-off
- Optional user configuration: 2- to 10-section bank



PWM VALVES

- 3000 PSI Pressure Rating
- 8 1/2 Pounds Weight
- 10 Micron Minimum
- 60 to 115 HZ Recommended Pulse Frequency
- Available in 5, 10, 15, & 30 GPM

