

► pre-engineered proven designs

ProMinent® NA Standard Systems

Experts in Chem-Feed and Water Treatment

ProMinent®

Pre-engineered solutions for your application!

ProMinent offers a variety of pre-engineered fabricated metering and control packages, as well as, design and fabrication of custom systems.

All North American system packages are fully assembled and tested for pressure and hydrostatics prior to shipment. This guarantees a fully functional and high quality system package upon delivery.

Production capabilities include socket weld, threaded, and thermal fusion piping, system assembly, equipment support and testing, including criteria for electrical, control, mechanical, and aesthetic features.

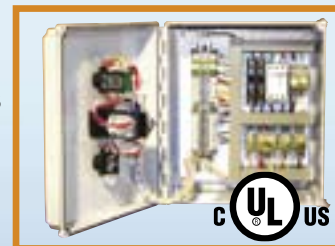
Features and benefits

- More than 10 years experience engineering industry leading systems
- Cost effective and quick turnaround due to standard designs, fabrication and materials across North America (US and Canada)
- Proven engineering and field success
- Consistent designs regardless of materials
- Standard primary/ backup arrangements
- Designed for easy maintenance
- Wall or floor mount designs
- Integrated auto-degassing configurations for off-gassing applications
- Optional UL listed and labelled control panels (US)
- Easy access to pump liquid end for on-site repair and retrofitting



ProMinent® NA Standard Floor Mount Skid

ProMinent systems can be built with (optional) integrated control panels that are UL listed and labelled accordingly.



Applications

- Municipal and industrial wastewater treatment
- Chemical process
- Pulp and paper
- Municipal potable water
- Power generation
- Bleach addition

ProMinent® Sample NA standard system de

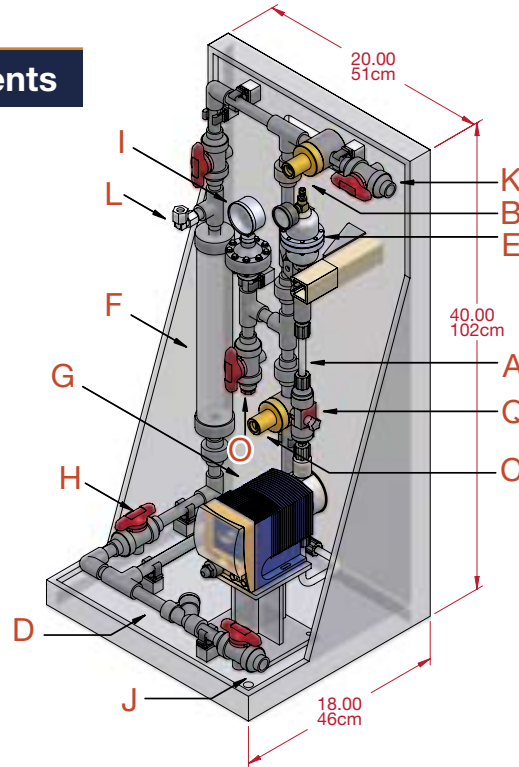
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Low capacity applications: 0.19-8.4 gph (0.72-31.8 l/h)

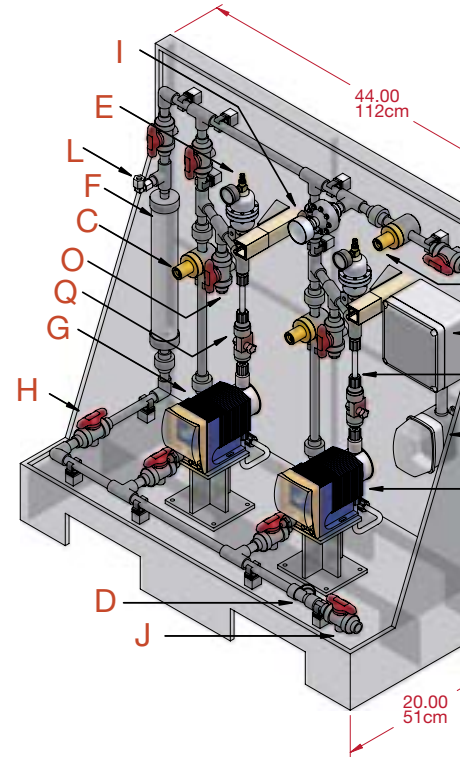
Available Optional Components

- A: Reinforced PVC tubing
- B: Diaphragm type backpressure/anti-siphon valve
- C: Diaphragm type in-line pressure relief valve
- D: Location of "Y" strainer
- E: Pulsation Dampener
- F: Calibration Column
- G: Metering Pump (Gamma/ L or Sigma Series)
- H: Ball Valve
- I: Pressure Gauge
- J: Product Inlet
- K: Product Outlet
- L: Vent to Tank
- M: Duplex Receptacle*
- N: Termination Box*
- O: Flush Valve
- P: Backup Pump
- Q: Flow Monitor

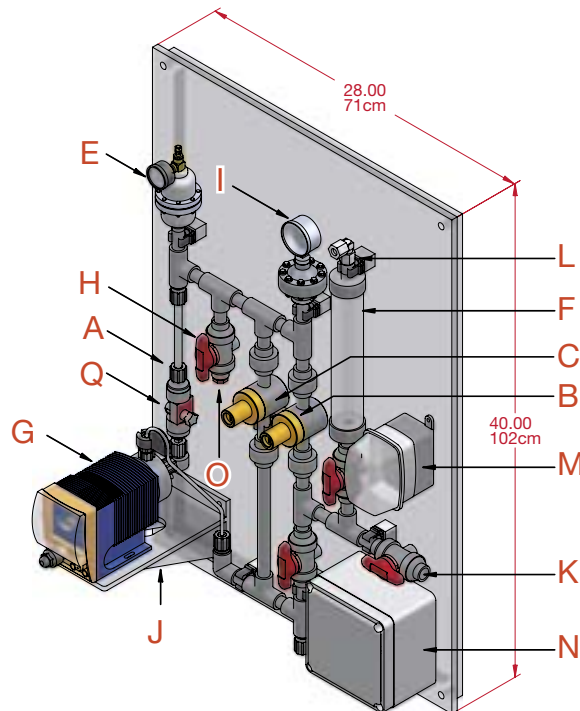
* (M) & (N) are **not** standard:
Items shown for layout purposes only.



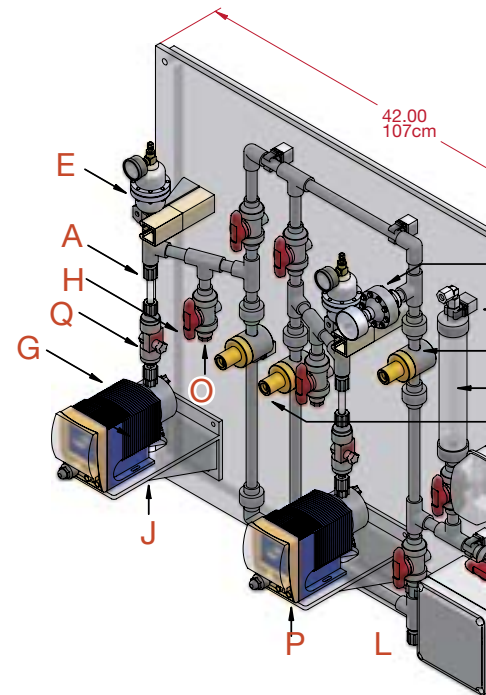
Floor mounted solenoid system:
SS1-PCB1C01111111



Floor mounted solenoid system:
SS2-PCB1C01111111



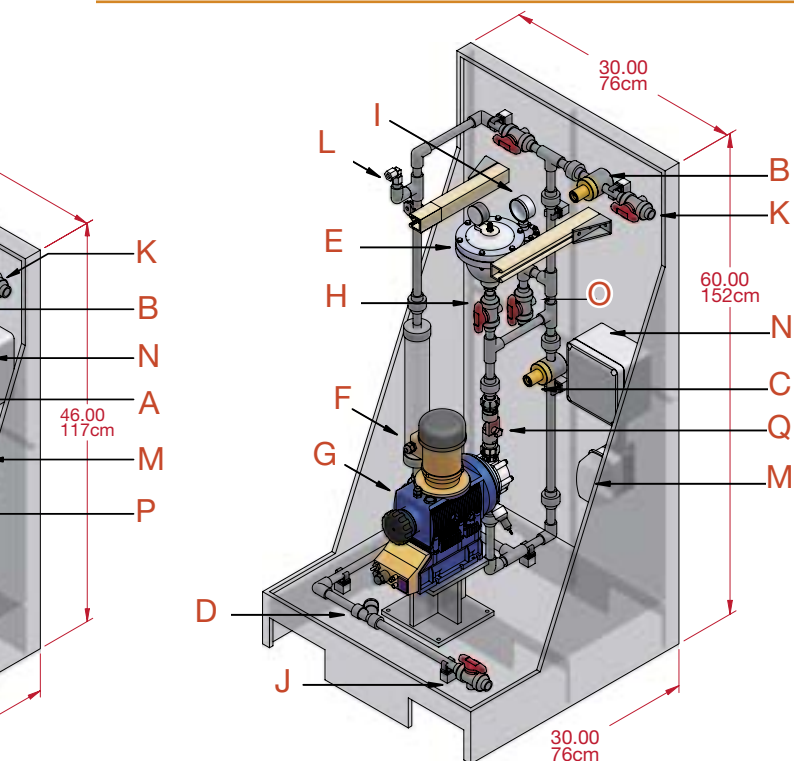
Wall mounted solenoid system:
SS1-PCB2D01111111



Wall mounted solenoid system:
SS2-PCB2C01111111

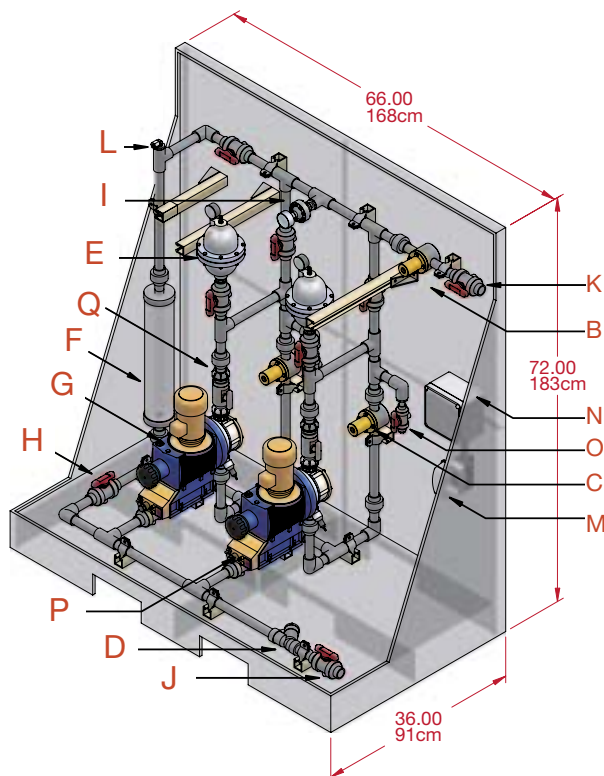
Designs for diverse applications

Mid capacity applications: 5.2-264 gph (19.7-1000 l/h)

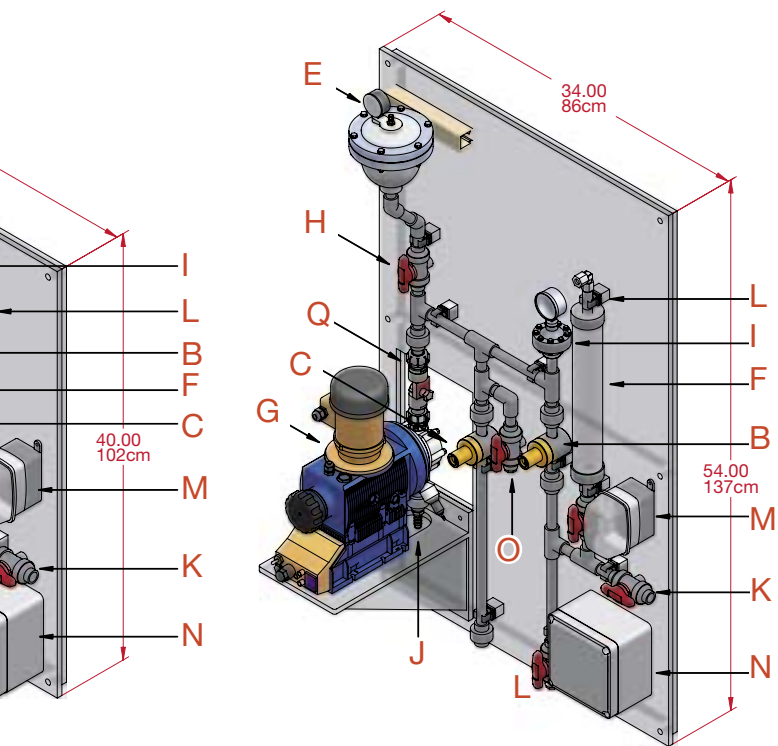


stem:

**Floor mounted motor driven system:
MS1A-PCB1C011111**

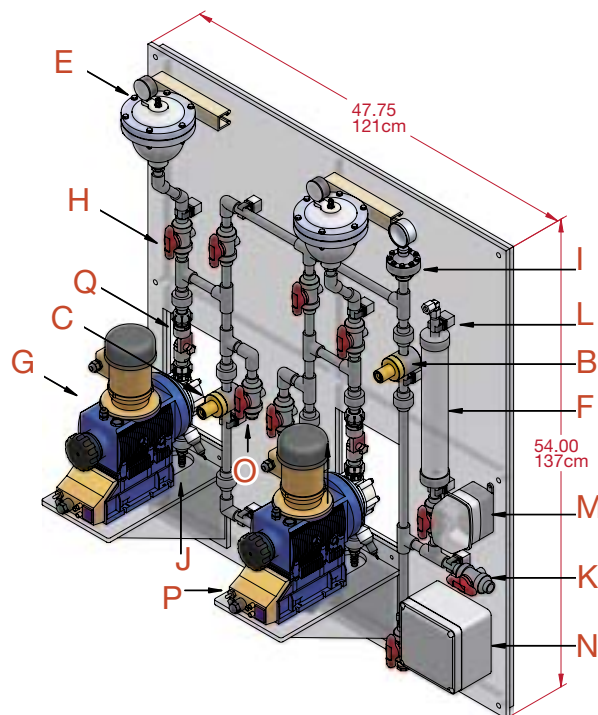


**Floor mounted motor driven system:
MS2C-PCB1 B011111**



stem:

**Wall mounted motor driven system:
MS1A-PCB2C011111**



**Wall mounted motor driven system:
MS2A-PCB2C011111**

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Standard component sizing data

Solenoid Pump Type Choices:					Calibration Column	Pulsation Dampener	Flow Monitor
SS1(or 2)-	A	1000, 1601, 1602			100 ml	164 ml	Size I
SS1(or 2)-	B	1000, 1601, 1602 Degassing			100 ml	164 ml	Size I
SS1(or 2)-	C	All Others (1005, 0708, 0413, 0220, 1605, 1008, 0713, 0420, 0232)			500 ml	164 ml	Size II
SS1(or 2)-	D	All Others (1005, 0708, 0413, 0220, 1605, 1008, 0713, 0420, 0232) Degassing			500 ml	164 ml	Size II

Motorized Pump Type Choices:				Pump Port Size	Calibration Column	Pulsation Dampener	Flow Monitor
MS1(or 2)-A-	A-050	12017, 12035, 10050, 10022, 10044	(Sigma 1)	1/2"	500 ml	164 ml	Size III DN10
MS1(or 2)-A-	B-050	07065	(Sigma 1)	1/2"	1000 ml	164 ml	Size III DN10
MS1(or 2)-A-	C-050	12050	(Sigma 2)	1/2"	1000 ml	600 ml	Size III DN15
MS1(or 2)-B-	A-075	07042	(Sigma 1)	3/4"	500 ml	600 ml	Size III DN15
MS1(or 2)-B-	B-075	04084, 04120, 12090	(Sigma 1 & 2)	3/4"	1000 ml	600 ml	Size III DN15
MS1(or 2)-B-	C-075	12130	(Sigma 2)	3/4"	2000 ml	600 ml	Size III DN15
MS1(or 2)-B-	D-075	07120	(Sigma 2)	3/4"	2000 ml	1393 ml	Size IV DN25
MS1(or 2)-B-	E-075	07220	(Sigma 2)	3/4"	4000 ml	1393 ml	Size IV DN25
MS1(or 2)-C-	A-100	120145, 120190	(Sigma 3)	1"	2000 ml	1393 ml	Size IV DN25
MS1(or 2)-C-	B-100	04350, 120270	(Sigma 2 & 3)	1"	4000 ml	1393 ml	Size IV DN25
MS1(or 2)-D-	A-150	070410, 070580, 040830	(Sigma 3)	1-1/2"	10000 ml	2867 ml	Size V DN32

Please consult factory for detailed information on components

Liquid end materials in contact with media

Version	Liquid End	Suction/Discharge valves	Seals	Valve balls	Diaphragm*
*PVT	*PVDF	*PVDF	PTFE	Ceramic	PTFE
PPE	Polypropylene	Polypropylene	EPDM	Ceramic	PTFE
PPB	Polypropylene	Polypropylene	Viton®	Ceramic	PTFE
PCE	PVC	PVC	EPDM	Ceramic	PTFE
PCB	PVC	PVC	Viton®	Ceramic	PTFE
NPE	Acrylic	PVC	EPDM	Ceramic	PTFE
NPB	Acrylic	PVC	Viton®	Ceramic	PTFE
TTT	PTFE with carbon	PTFE with Carbon	PTFE	Ceramic	PTFE
SST	316 Stainless steel	316 Stainless Steel	PTFE	Ceramic	PTFE

*Highly compatible material suitable for most fluids.

Auto-degassing type with Hastelloy C valve spring and PVDF valve seat available with solenoid systems (Gamma/ L).

Viton® is a registered trademark of DuPont Dow Elastomers.

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