

PumpShield

Compact Pump Enclosure System

Technical Data Sheet

ProMinent®



A DURABLE ENCLOSURE FOR CHEMICAL AND ENVIRONMENTAL PROTECTION

The ideal enclosure system for your chemical pumping needs. This cost-effective metering system can accommodate a variety of ProMinent pumps to accurately and safely dose chemicals into your specific process. The PumpShield features a steel mounting bracket for easy installation on an IBC tote, any other secure fixture, or for floor mounting. The enclosure design makes it adaptable to most indoor and outdoor situations.

The PumpShield utilizes an external IP66/67 rated terminal box for easy access to connections, such as power supply and communications (Profibus, CANbus, PROFINET, Modbus, etc. depending on the pump). With a footprint of only 33x18 inches and weighing less than 100 pounds, the PumpShield offers users an economical, easy to maneuver metering system ideal for a clean, organized, and safe working environment.

APPLICATIONS

- Industrial Settings
- Outdoor Environments
- Economical Metering Needs
- Contaminated Areas

FEATURES

- Compact Size
- Polyethylene Enclosure
- External Terminal Box
- Steel Mounting Brackets
- Plexiglass Viewing Window

BENEFITS

- Keeps it close to the process
- Offers protection from weather and chemicals
- Provides easy access to connection points
- Durable and multiple mounting options
- Safe and efficient way to view pump status

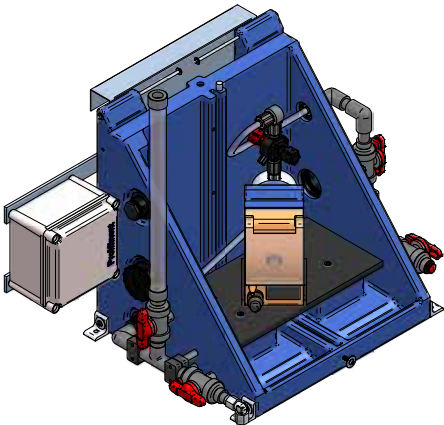
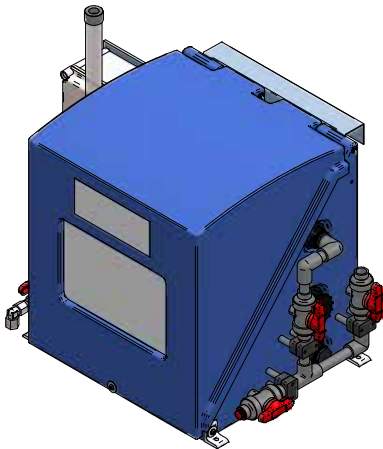
SPECIFICATIONS

Dimensions	33 x 18 x 22 in (838 x 457 x 559 mm)
Estimated Weight	80 LBS (36 kg)
Enclosure Material	LLDPE 8460 SERIES
Enclosure Rating	240 lbs load rating (109 kg)
Pipe/Valve Material	PVC
Mounting Bracket Material	Steel
Terminal Box Material	Polycarbonate
Terminal Box Rating	IP66, IP67
Ambient Temperature	-14 to 113°F (-10 to 45°C)
Electrical Rating	120 VAC 60Hz
Inlet Connection Size	120 VAC 60Hz
Outlet Connection Size	1/2"
Communications	1/2"
PVC Piping - EPDM Seals	P/N: 1136948
PVC Piping - Viton Seals	P/N: 1140210

Available Pump and Multi-Function Valve Options (Both Sold Separately)

concept b	0.18 to 4.33 gph (0.7 to 16.4 l/h), ≤ 232 psi
beta b	0.16 to 8.45 gph (0.59 to 32 l/h), ≤ 363 psi
gamma/ X	0.61 to 11.89 gph (2.3 to 45 l/h), ≤ 363 psi
gamma/ XL	.08 gpd to 20.74 gph (12.6 ml/h to 78.5 l/h), ≤ 363 psi

Multi-Function Valve Type	Relief Opening Pressure	
	psig	(bar)
Size 1	232	(16)
Size 1	145	(10)
Size 1	87	(6)
Size 2	145	(10)
Size 2	87	(6)



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