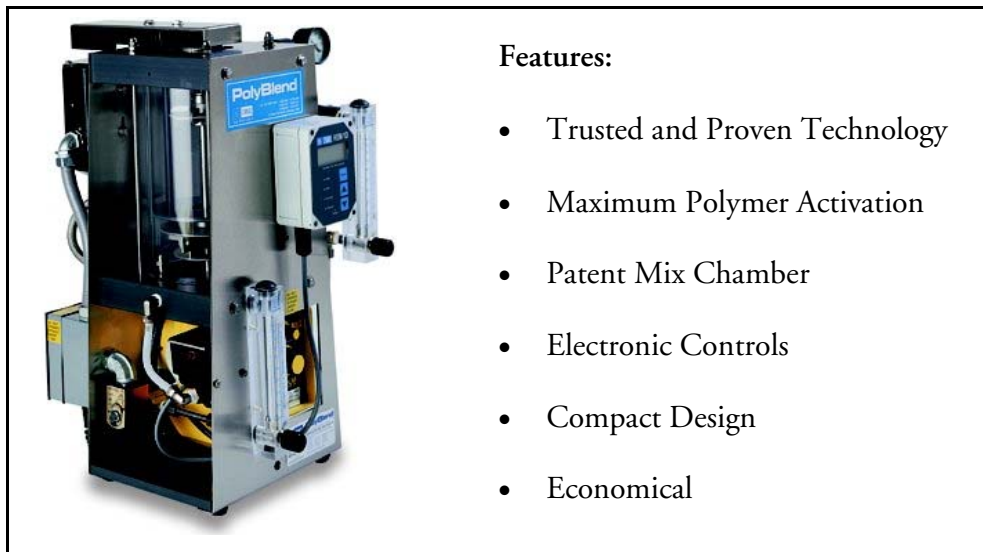


POLYBLEND® PB SERIES (SMALL-FRAME)



Features:

- Trusted and Proven Technology
- Maximum Polymer Activation
- Patent Mix Chamber
- Electronic Controls
- Compact Design
- Economical

LIQUID POLYMER FEED SYSTEM

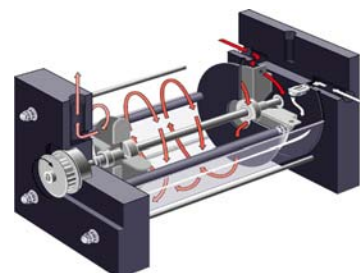
Description

The PolyBlend® PB Series liquid polymer feed system is the most popular polymer feed system offered with over 10,000 units in service worldwide. The PolyBlend PB Series combines years of technical expertise with simple operation to provide an inexpensive means to maximize polymer activation.

The compact design of the PolyBlend PB Series provides easy installation. The corrosion-resistant, stainless steel chassis houses the lightweight, portable system, allowing for easy mobility. The simple-to-use electronic controls and adjustable flow meter permit precise water control for a variety of solution concentrations. In addition, the PB200 Series is designed with a secondary flow meter and static mixer for additional post-dilution.

At the center of the PolyBlend PB Series polymer feed system is the patented multi-zone mixing chamber. The advanced design provides uniform dispersion energy at the moment of initial wetting. The high-energy mix prevents agglomerations and eliminates the need for extended mixing and aging by applying the

right energy at the right time. The low energy zone continues to activate the hydrated polymer without destroying the fragile polymer chains. The result is maximum polymer activation and improved polymer performance.



Patented PB Mixing Chamber

Specifications

Power: 115-230VAC/ 60Hz/ 1 Phase

Polymer Pump: Diaphragm

Material: 304 SS Frame/ PVC

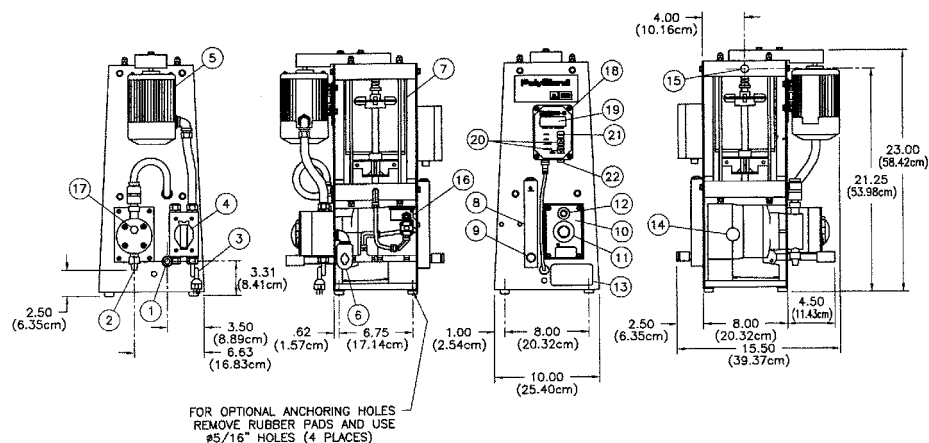
Controls: Stranco REM1-D

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Model	Water Flow Rate GPH / (LPH)	Diaphragm Pump Output GPH / (LPH)
PB16-0.4	16/(61)	0.4 / (1.5)
PB100-1.0	100 / (380)	1 / (3.8)
PB200-2.0	200 / (760)	2 / (7.6)

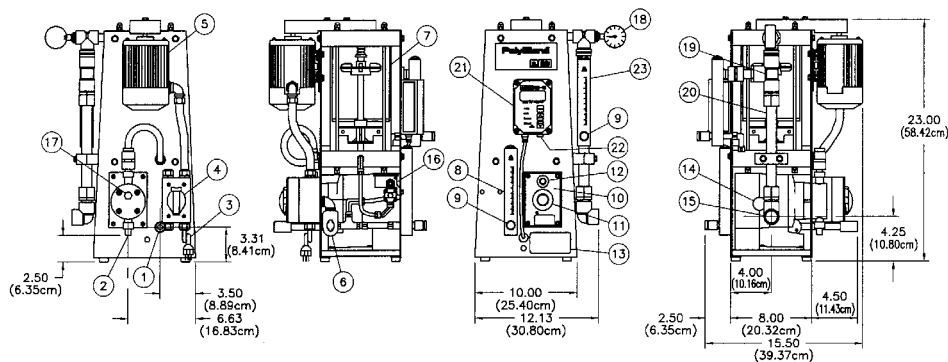
PB16 & PB100 Standard Layout



KEY	DESCRIPTION
1	Water Inlet, 1/2" (FNPT)
2	Polymer Inlet, 5/8" OD Barb
3	Power Cord
4	Mixer Motor Switch w/Thermal Overload
5	Mixer Motor
6	Solenoid Valve, Water
7	Mixing Chamber
8	Rotometer
9	Rate Valve
10	Diaphragm Pump
11	Stroke Length Knob
12	Stroke Rate/ External Selector Switch
13	Serial Plate
14	External Input Signal Connector
15	Solution Outlet, 1/2" (FNPT)
16	Differential Pressure Switch
17	Priming Port, Polymer
18	Digital Display Pump Controller
19	LCD Display
20	Input Keys
21	Mode Selector Switch
22	4-20 mA Input

KEY	DESCRIPTION
1	Water Inlet, 1/2" (FNPT)
2	Polymer Inlet, 5/8" OD Barb
3	Power Cord
4	Mixer Motor Switch w/Thermal Overload
5	Mixer Motor
6	Solenoid Valve, Water
7	Mixing Chamber
8	Primary Rotometer
9	Rate Valve
10	Diaphragm Pump
11	Stroke Length Knob
12	Stroke Rate/ External Selector Switch
13	Serial Plate
14	External Input Signal Connector
15	Solution Outlet, 3/4" (FNPT)
16	Differential Pressure Switch
17	Priming Port, Polymer
18	Pressure Gauge
19	Confluence Assembly
20	Static Mixer
21	Digital Display Pump Controller
22	4-20 mA Input
23	Secondary Rotometer

PB200 Standard Layout



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