ProMix™-M (B Controls)

Unique Polymer Design!

*The **ProMinent ProMix™** is a pre-engineered polymer mixing system made for the water and wastewater markets. Designed as an in-line unit, the ProMix™ can be customized to meet most liquid polymer applications. The unique mixing chamber allows for complete makedown of the neat or diluted polymer to guarantee a problem-free injection.*

Features & Benefits

- LCD display with touchpad control
- Primary & secondary flow display
- 4-20mA input to pace pump
- Remote start/stop
- General alarm contacts
- System browser view
- Maintains desired concentration based on primary and secondary dilution water flow
- Ethernet communications and datalogging
- True multi-zone mixing chamber that delivers a tapered energy profile for proper polymer activation
- Unique injection check valve with easy access for cleaning
- Diaphragm and progressive cavity pump options
- System senses loss of water flow and neat polymer flow
- Precise activated polymer solution delivery
- Open design for easy maintenance
- System alarm and running lights

Specifications

- Water Inlet: 1-1/2” FNPT
- Polymer Inlet: 1/2” or 1” FNPT
- Product Outlet: 1-1/2” FNPT
- Max. Chamber Pressure: 150 PSIG
- Max. Operating Pressure: 100 PSIG
- Power Supply: 120 VAC, 1 Phase, 60Hz
- Current Load: 20 Amp for (DB) models
  30 Amp for (PB) models
- Drain Connection: 1/4”

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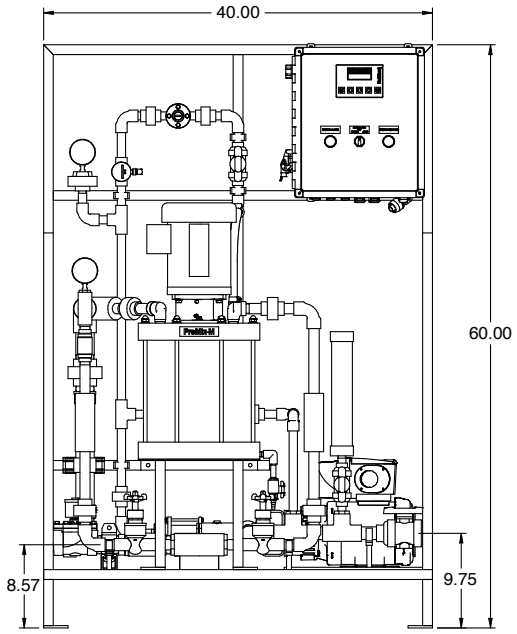
Technical data

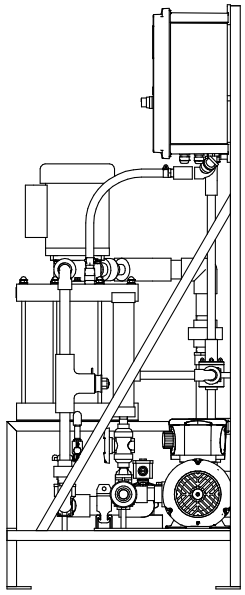
Capacity Data							
Part Number	Model Number	Primary Dilution	Primary Rotameter	Secondary Dilution	Secondary Rotameter	Peristaltic Pump	Max Pump Pressure
P/N	psig	gph	(gpm)	gph	(gpm)	gph	psi
ProMix™-M Series							
7746543	M_0-300x2-2.4DB	300	5	300	5	2.4	100
7746544	M_0-600x2-4.0DB	600	10	600	10	4	100
7746545	M_0-1500x2-6.2DB	1500	25	1500	25	6.2	100
7746546	M_0-1500x2-10.0DB	1500	25	1500	25	10	58
7746547	M_0-1500x2-5.0PB	1500	25	1500	25	5	100
7746548	M_0-1500x2-10.0PB	1500	25	1500	25	10	100
7746549	M_0-1500x2-24.0PB	1500	25	1500	25	24	100

Nomenclature of Units:
DB = Diaphragm Pump w/ B Controls PB = Progressive Cavity Pump w/ B Controls (for emulsion polymers)

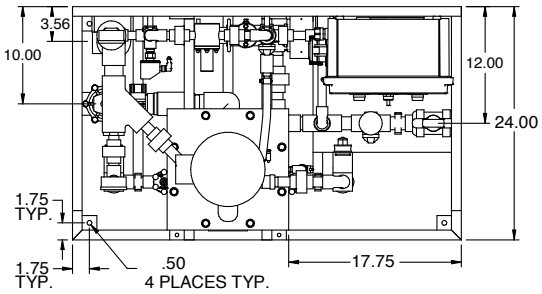
Dimensional Drawings



FRONT VIEW



SIDE VIEW



PLAN VIEW

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