

# ProMix™ -M (B Controls)

## Unique Polymer Design!

The ProMinent® ProMix™ is a pre-engineered polymer mixing system with intuitive controls. Designed as an in-line or makedown unit, the ProMix™ is engineered to meet liquid polymer applications utilizing diaphragm or progressive cavity pump technologies. The unique mixing regime delivers a highly activated polymer solution to every application with optimum performance.



## Features and 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        | ■ Max. Operating Pressure: 100 PSIG                              |
| ■ Polymer Inlet: 1/2" or 1" FNPT  | ■ Power Supply: 120 VAC, 1 Phase, 60Hz                           |
| ■ Product Outlet: 1-1/2" FNPT     | ■ Current Load: 20 Amp for (DB) models<br>30 Amp for (PB) models |
| ■ Max. Chamber Pressure: 150 PSIG | ■ Drain Connection: 1/4"   |

**ProMinent®**

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- sign up for our electronic newsletter
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## Capacity data

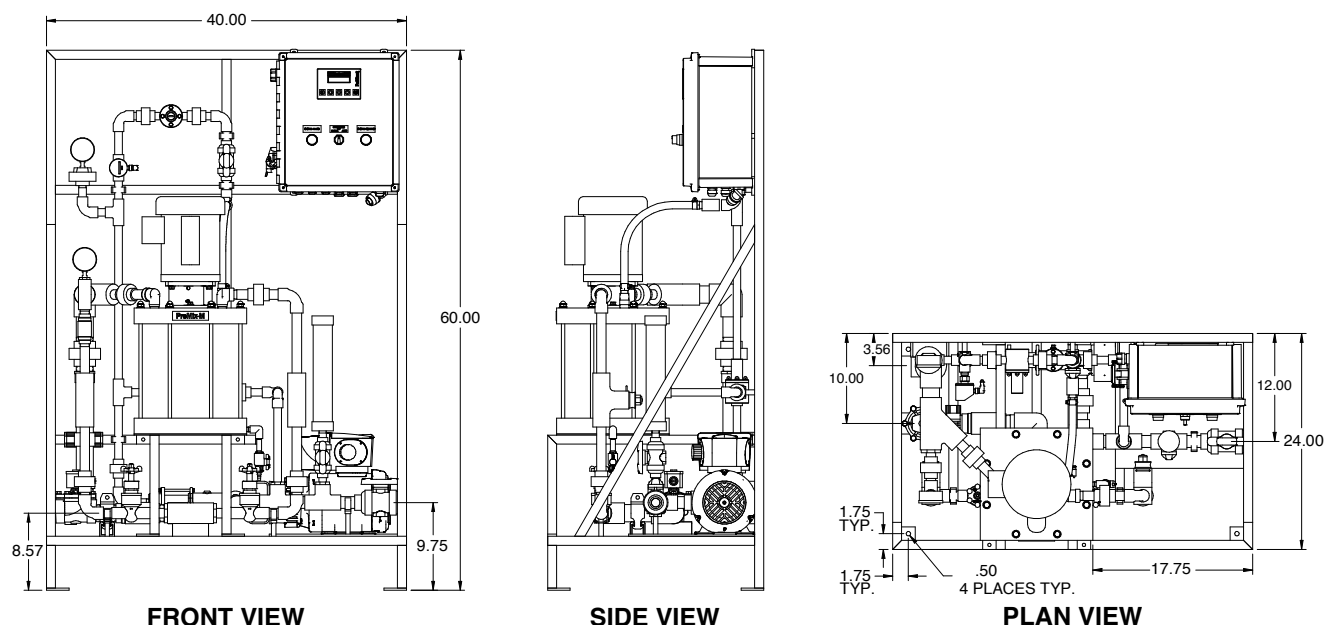
ProMix™ -M P/N	Model Number	Primary Dilution		Secondary Dilution		Polymer Pump gph	Max Pump Pressure
		gph	(gpm)	gph	(gpm)		
7746543	M_0-300x2-2.4DB	300	(5)	300	(5)	2.4	100 psi
7746544	M_0-600x2-4.0DB	600	(10)	600	(10)	4.0	100 psi
7746545	M_0-1500x2-6.2DB	1500	(25)	1500	(25)	6.2	100 psi
7746546	M_0-1500x2-10.0DB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

### Nomenclature of Units:

**DB** = Diaphragm Pump w/B Controls

**PB** = Progressive Cavity Pump w/B Controls

## Dimensional Drawings



# ProMinent®

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