

ProMix-M (B Controls) Polymer Blending System

Experts in Chemical Feed and Water Treatment

ProMinent®

Unique Polymer Design!

The 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 & Benefits

- LCD display with touchpad control
- Primary & secondary flow display
- 4-20mA input to pace pump
- Remote start/stop
- General alarm contacts
- Programmable auto-flush
- 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



ProMix-M System (7746546)

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: 25 Amp
- Drain Connection: 1/4"

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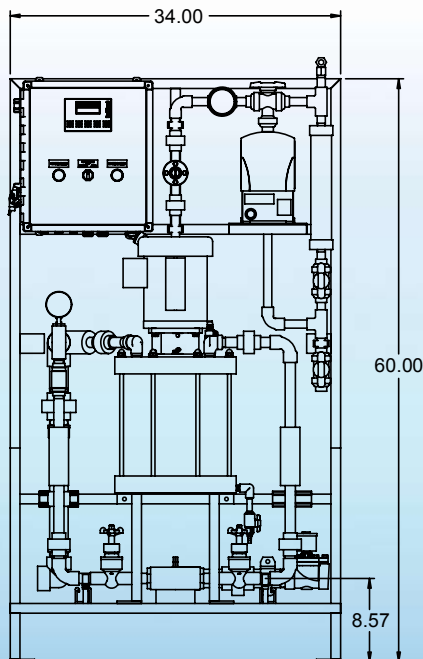
Capacity data

| ProMix-M (B Controls) P/N | Model Number | Primary Dilution (gph) | Secondary Dilution (gph) | Polymer Pump (gph) |
|------------------------------|-------------------|---------------------------|-----------------------------|-----------------------|
| 7746543 | M_0-300x2-2.4DB | 300 | 300 | 2.4 |
| 7746544 | M_0-600x2-4.0DB | 600 | 600 | 4.0 |
| 7746545 | M_0-1500x2-6.2DB | 1500 | 1500 | 6.2 |
| 7746546 | M_0-1500x2-10.0DB | 1500 | 1500 | 10.0 |
| 7746547 | M_0-1500x2-5.0PB | 1500 | 1500 | 5.0 |
| 7746548 | M_0-1500x2-10.0PB | 1500 | 1500 | 10.0 |
| 7746549 | M_0-1500x2-24.0PB | 1500 | 1500 | 24.0 |

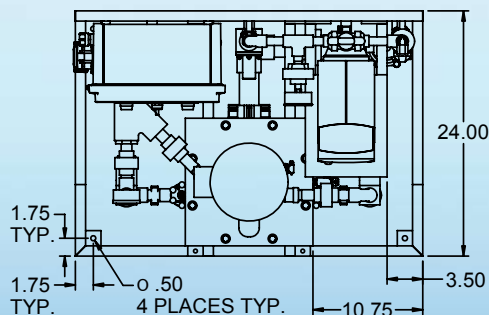
Nomenclature of Units:

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

Dimensional Drawings



FRONT VIEW



PLAN VIEW

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