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”
ProMix™-M (B Controls)

Technical data

Capacity Data

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Model Number</th>
<th>Primary Dilution</th>
<th>Primary Rotameter</th>
<th>Secondary Dilution</th>
<th>Secondary Rotameter</th>
<th>Peristaltic Pump</th>
<th>Max Pump Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N</td>
<td>psig</td>
<td>gph</td>
<td>(gpm)</td>
<td>gph</td>
<td>(gpm)</td>
<td>gph</td>
<td>psi</td>
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</tbody>
</table>
| 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