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
- 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”
## Capacity data

<table>
<thead>
<tr>
<th>ProMix™-M P/N</th>
<th>Model Number</th>
<th>Primary Dilution gph (gpm)</th>
<th>Secondary Dilution gph (gpm)</th>
<th>Polymer Pump gph</th>
<th>Max Pump Pressure</th>
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<tbody>
<tr>
<td>7746543</td>
<td>M_0-300x2-2.4DB</td>
<td>300 (5)</td>
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<td>M_0-1500x2-24.0PB</td>
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</tbody>
</table>

Nomenclature of Units:

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

## Dimensional Drawings

![Dimensional Drawings](image)