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 most liquid polymer applications utilizing diaphragm or progressive cavity pump technologies. The unique mixing chamber delivers a highly activated polymer solution to every application with optimum performance.

Features & Benefits
- LCD display with touchpad control
- 4-20 mA input to pace pump
- Remote start/stop
- General alarm contacts
- Adjustable flush settings
- 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 protection against loss of water flow
- Precise activated polymer solution delivery
- Open design for easy maintenance
- Suction lift or flooded suction
- Twist lock fittings
- Selectable emulsion or Mannich polymer
- Select batch or in-line controls

Applications
- Emulsion, dispersion or Mannich polymer activation
- Coagulant or solution polymer feed
- Water and wastewater treatment
- Clarification
- Sludge dewatering
## Specifications

- Water Inlet: 1-1/2” FNPT
- Polymer Inlet: 1/2” or 1” FNPT
- Product Outlet: 1-1/2” FNPT
- Drain Connection: 1/4”
- Max. Chamber Pressure Rating: 150 psig
- Max. Operating Pressure: 100 psig
- Power Supply:
  - DB Models 120 VAC, 1 ph, 60 Hz, 20 Amp
  - PB Models 220 VAC, 1 ph, 60 Hz, 20 Amp
- Motor: 1.5 hp, 115/230 VAC, 1 ph, TEFC, 1725 rpm
- Dimensions: 40” x 34” x 72” (L x W x H)

## Technical data for Diaphragm Metering Pump Systems

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<th>Part Number</th>
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<th>Primary Dilution gph</th>
<th>Post Dilution gph</th>
<th>Neat Polymer Pump gph</th>
<th>Max. Pump Pressure psig</th>
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## Technical data for Progressive Cavity Pump Systems

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