The ProMinent® ProMix-L™ is a complete pre-engineered polymer mixing system with intuitive controls. Designed as an in-line or makedown unit, the ProMix-L™ is engineered to meet liquid polymer applications utilizing gear or progressing 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
- Local or remote operation
- 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
- System senses loss of water flow and neat polymer flow
- Precise activated polymer solution delivery
- System alarm and running lights
- True multi-zone mixing chamber that delivers a tapered energy profile for proper polymer activation
- Unique injection check valve with easy access for cleaning
- Gear and progressing cavity pump options
- Open design for easy maintenance

**Applications**
- Emulsion, dispersion or Mannich polymer activation
- Coagulant or solution polymer feed
- Water and wastewater treatment
- Clarification
- Sludge thickening
- Sludge dewatering
- Custom designs to meet any polymer feed application
## ProMix-L™

### Specifications

- **Water Inlet** 3” FNPT
- **Polymer Inlet** 2” FNPT for gear pump
- **1” FNPT** for pc pump
- **Solution Outlet** 3” FNPT
- Max. Chamber Pressure: 100 PSIG
- Max. Operating Pressure: 100 PSIG
- Power Supply: 460 VAC, 3 Phase, 60Hz
- Current Load: 20 Amp for (PB) models
- Drain Connection: 1/2” FNPT

### Capacity Data

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<th>ProMix-L™</th>
<th>Primary Dilution</th>
<th>Secondary Dilution</th>
<th>Polymer Pump</th>
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*GB = Gear Pump
*PB = Progressive Cavity Pump

### Dimensional Drawings

[Plan View Diagram]

[Front View Diagram]

[Side View Diagram]