

# ProMix™-S Polymer Blending System

*Updated pump shelf for peristaltic pump models!*



**Pro**Minent®

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 utilizing tubing or diaphragm pump technologies depending on the application requirement or customer preference. The unique mixing chamber allows for complete breakdown of the neat or diluted polymer to guarantee a problem-free injection.

## Available scope of delivery

- Unique injection check valve with easy access for cleaning
- Adjustable auto flush settings
- System protection against loss of water flow
- Precise activated polymer solution delivery
- LCD display with touchpad control
- Twist lock fittings for easy maintenance of polymer and water connections
- Remote start/stop
- 4-20 mA input to pace pump
- General alarm contacts
- Selectable start/stop and 4-20 mA control from the control panel
- Adjustable neat polymer pump for flooded suction or suction lift applications

## Benefits

- New pump shelf design for peristaltic pump models, allows easy access to the hose & connections
- Open design for easy maintenance
- True multi-zone mixing regime for proper polymer activation

## Field of application

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

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## Technical Data

Capacity Data					
Part Number	Model Number	Primary Dilution	Post Dilution	Neat Polymer Pump	Max. Pump Pressure
P/N	M/N	gph	gph	gph	psig
Peristaltic Tube Pump Systems					
1048347	60x2-0.60TA	60	60	0.72	72
1048349	120x2-1.20TA	120	120	1.44	72
1048352	300x2-3.00TA	300	300	3.60	72

Capacity Data					
Part Number	Model Number	Primary Dilution	Post Dilution	Neat Polymer Pump	Max. Pump Pressure
P/N	M/N	gph	gph	gph	psig
Diaphragm Metering Pump Systems					
1048354	60x2-0.60DA	60	60	0.72	100
1048356	120x2-1.20DA	120	120	1.44	100
1048358	300x2-3.00DA	300	300	3.60	100

## Specifications

- Water Inlet: 3/4" FNPT
- Polymer Inlet: 1/2" FNPT
- Product Outlet: 3/4" FNPT
- Drain Connection: 1/4"
- Max. Chamber Pressure rating: 150 PSIG
- Max. Operating Pressure: 100 PSIG
- Power Supply: 120 VAC, 1 Phase, 60Hz
- Current Load: 15 Amp
- Motor: 1/2 hp, 115/230 VAC, 1 Phase, TEFC, 1725 rpm
- Dimensions: 24" x 34" x 66" (L x W x H)
- Neat Polymer Pump: Peristaltic or Diaphragm design

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