

# ProMix™-C Polymer Blending System

## New Compact Design

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 pump technologies. The unique mixing chamber allows for complete breakdown of the neat or diluted polymer to guarantee a problem-free injection.

## Applications

- Emulsion or Dispersion polymer activation
- Coagulant or Solution polymer feed
- Water and Wastewater treatment
- Clarification
- Sludge Dewatering

## Features & Benefits

- Open design for easy maintenance
- True multi-zone mixing regime for proper polymer activation
- 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
- 4-20mA input to pace pump
- Remote start/stop
- General alarm contacts

## Specifications

- Water Inlet: 3/4" FNPT
- Polymer Inlet: 1/2" FNPT
- Product Outlet: 3/4" FNPT
- Max. Chamber Pressure: 150 PSIG
- Max. Operating Pressure: 100 PSIG
- Power Supply: 120 VAC, 1 Phase, 60Hz
- Current Load: 15 Amp
- Drain Connection: 1/4"



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## Capacity data

ProMix™-C Series P/N	Model Number	Primary Dilution gph	Primary Rotameter (gpm)	Secondary Dilution gph	Secondary Rotameter (gpm)	Peristaltic Pump gph	Max Pump Pressure psi
7747054	60-0.24TA	60	1	-	-	0.24	65 psi
7747055	60x2-1.06TA	60	1	60	1	1.06	65 psi
7747056	180x2-1.06TA	180	3	120	2	1.06	65 psi
7747057	180x2-2.22TA	180	3	120	2	2.22	65 psi
7747058	300x2-2.22TA	300	5	300	5	2.22	65 psi
7747059	300x2-4.14TA	300	5	300	5	4.14	50 psi

## Dimensional Drawings

