

# ProMix™-M (A Controls)

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 & Benefits

- LCD display with touchpad control
- 4-20mA 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

## 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 (DA) models  
30 Amp for (PA) models
- Drain Connection: 1/4"

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## Technical data

| Capacity Data    |                   |                  |                   |                    |                     |              |                   |
|------------------|-------------------|------------------|-------------------|--------------------|---------------------|--------------|-------------------|
| Part Number      | Model Number      | Primary Dilution | Primary Rotameter | Secondary Dilution | Secondary Rotameter | Polymer Pump | Max Pump Pressure |
| P/N              | psig              | gph              | (gpm)             | gph                | (gpm)               | gph          | psi               |
| ProMix™-M Series |                   |                  |                   |                    |                     |              |                   |
| 7746635          | M_0-300x2-2.4DA   | 300              | (5)               | 300                | (5)                 | 2.4          | 100               |
| 7746636          | M_0-600x2-4.0DA   | 600              | (10)              | 600                | (10)                | 4.0          | 100               |
| 7746637          | M_0-600x2-6.2DA   | 600              | (10)              | 600                | (10)                | 6.2          | 100               |
| 7746638          | M_0-600x2-10.0DA  | 600              | (10)              | 600                | (10)                | 10.0         | 58                |
| 7746639          | M_0-1200x2-6.2DA  | 1200             | (20)              | 1200               | (20)                | 6.2          | 100               |
| 7746640          | M_0-1200x2-10.0DA | 1200             | (20)              | 1200               | (20)                | 10.0         | 58                |
| 7746641          | M_0-1500x2-6.2DA  | 1500             | (25)              | 1500               | (25)                | 6.2          | 100               |
| 7746642          | M_0-1500x2-10.0DA | 1500             | (25)              | 1500               | (25)                | 10.0         | 58                |
| 7746643          | M_0-300x2-5.0PA   | 300              | (5)               | 300                | (5)                 | 5.0          | 100               |
| 7746644          | M_0-600x2-5.0PA   | 600              | (10)              | 600                | (10)                | 5.0          | 100               |
| 7746645          | M_0-600x2-10.0PA  | 600              | (10)              | 600                | (10)                | 10.0         | 100               |
| 7746646          | M_0-1200x2-10.0PA | 1200             | (20)              | 1200               | (20)                | 10.0         | 100               |
| 7746647          | M_0-1200x2-24.0PA | 1200             | (20)              | 1200               | (20)                | 24.0         | 100               |
| 7746648          | M_0-1500x2-10.0PA | 1500             | (25)              | 1500               | (25)                | 10.0         | 100               |
| 7746649          | M_0-1500x2-24.0PA | 1500             | (25)              | 1500               | (25)                | 24.0         | 100               |

### Nomenclature of Units:

DA = Diaphragm Pump w/ A Controls

PA = Progressive Cavity Pump w/ A Controls

## Dimensional Drawings

