



## WSLP-12000 Series Liquid Polymer Preparation Systems

**Equipment Type**      **Liquid Polymer Preparation Systems**

### **Description**

Liquid Polymer Preparation Systems are designed for long-term, dependable operation. Every design incorporates years of field experience with liquid polymer preparation with the knowledge of the leading manufacturer of water-soluble polymers. All liquid polymer preparation units add two unique options: variable speed mixing and automatic dosage control with constant solution strength to meet a wide range of polymer feed application requirements.

### **WSLP 12000 Series**

The WSLP-12000 Series use multi-zone mixing. The first zone exposes the polymer to a high energy environment to minimize agglomeration. Reduced mixing energy in the second zone protects the fragile polymer chains from fracturing, making more polymer available for work. The baffling is designed to create a tapered mixing regime. The optional variable speed mixing optimizes the hydration process within each zone regardless of the type of polymer in use. Whether you adjust the output remotely or right at the unit, water flow and polymer feed increase and decrease together, automatically maintaining constant solution strength. Even primary and secondary dilution water is kept at the same ratio as output is adjusted.

### **Advantages**

- Diaphragm, Gear, or Progressive Cavity Polymer Pumps
- 0.1 to 660 gph polymer output
- 600 to 6,000 gph water flow rate
- Meters neat emulsion or solution polymers
- Mixes product in-line to begin proper activation
- Variable speed mixer (optional)
- Simple installation and operation
- Low water flow protection
- Self-cleaning check-valve stainless steel
- 304 Stainless steel frame / PVC
- Calibration column

### **Utilities**

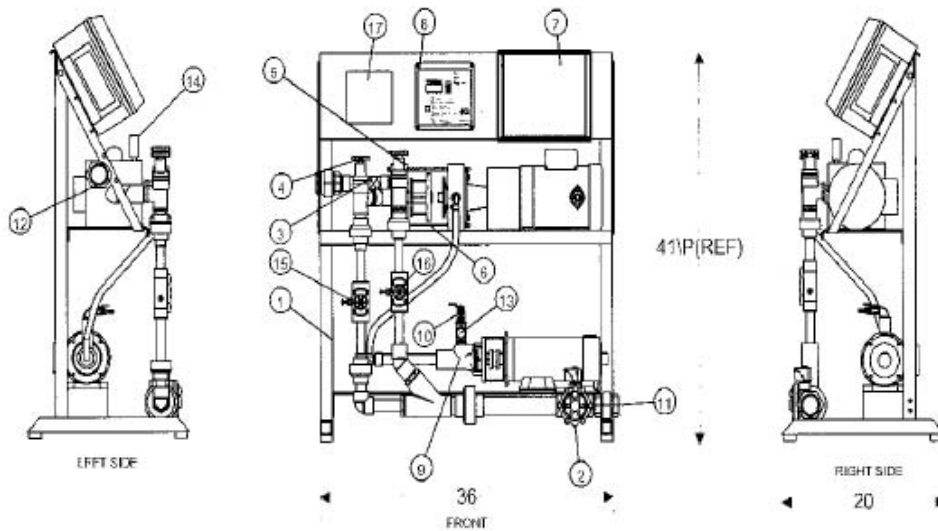
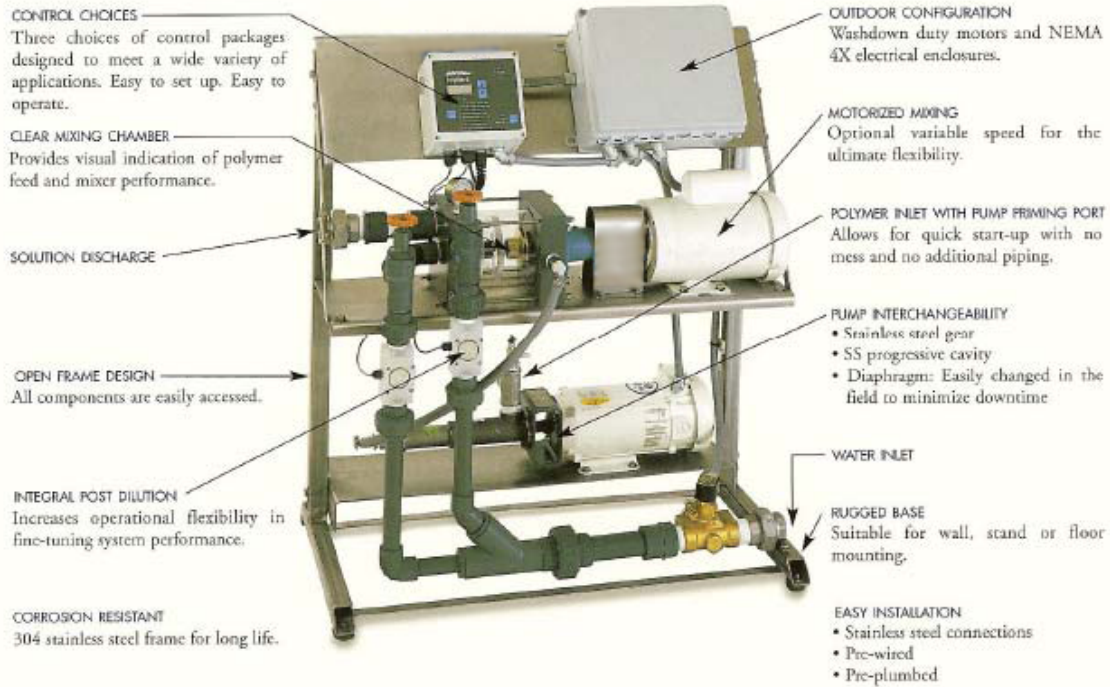
- 30-50 psi required primary dilution
- 240VAV/60Hz/1pH
- Connections: 3" FNPT (water), 3" FNPT (solution), ½" NPT (polymer)

### **Frame**

- 56"W x 48"H x 42"D, 200 lbs, skid mounted

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