WSLP-1000-V2
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.

WSLP-1000-V2 Series

The WSLP-1000-V2 Series use multi-zone mixing. The first zone exposes the polymer to a high energy environment to minimize agglomeration. Increased contact and 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. Water flow and polymer feed can increase and decrease together, maintaining constant solution strength.

Advantages

- Diaphragm, Peristaltic, or Progressive Cavity Polymer Pumps
- 1-10 gph polymer output
- Polymer feed metering pump
- Clear mixing chamber
- Primary mixing zone, to begin proper activation
- Simple installation and operation

Utilities

- Connections: 1½" FNPT (water), 1½" FNPT (solution), 5/8" FPT (polymer)

WaterSolve, LLC
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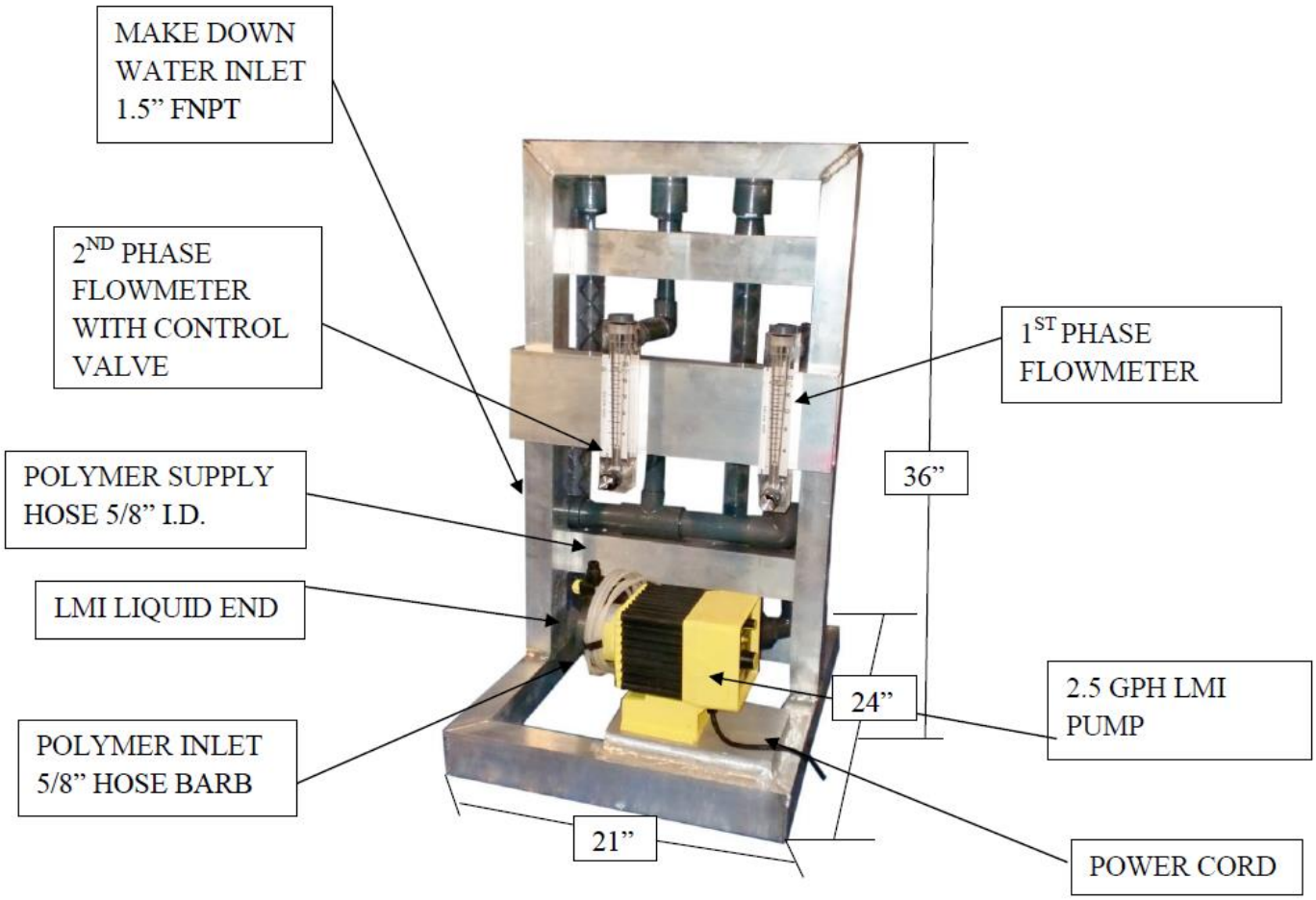
FRONT



SYSTEM REQUIREMENTS:

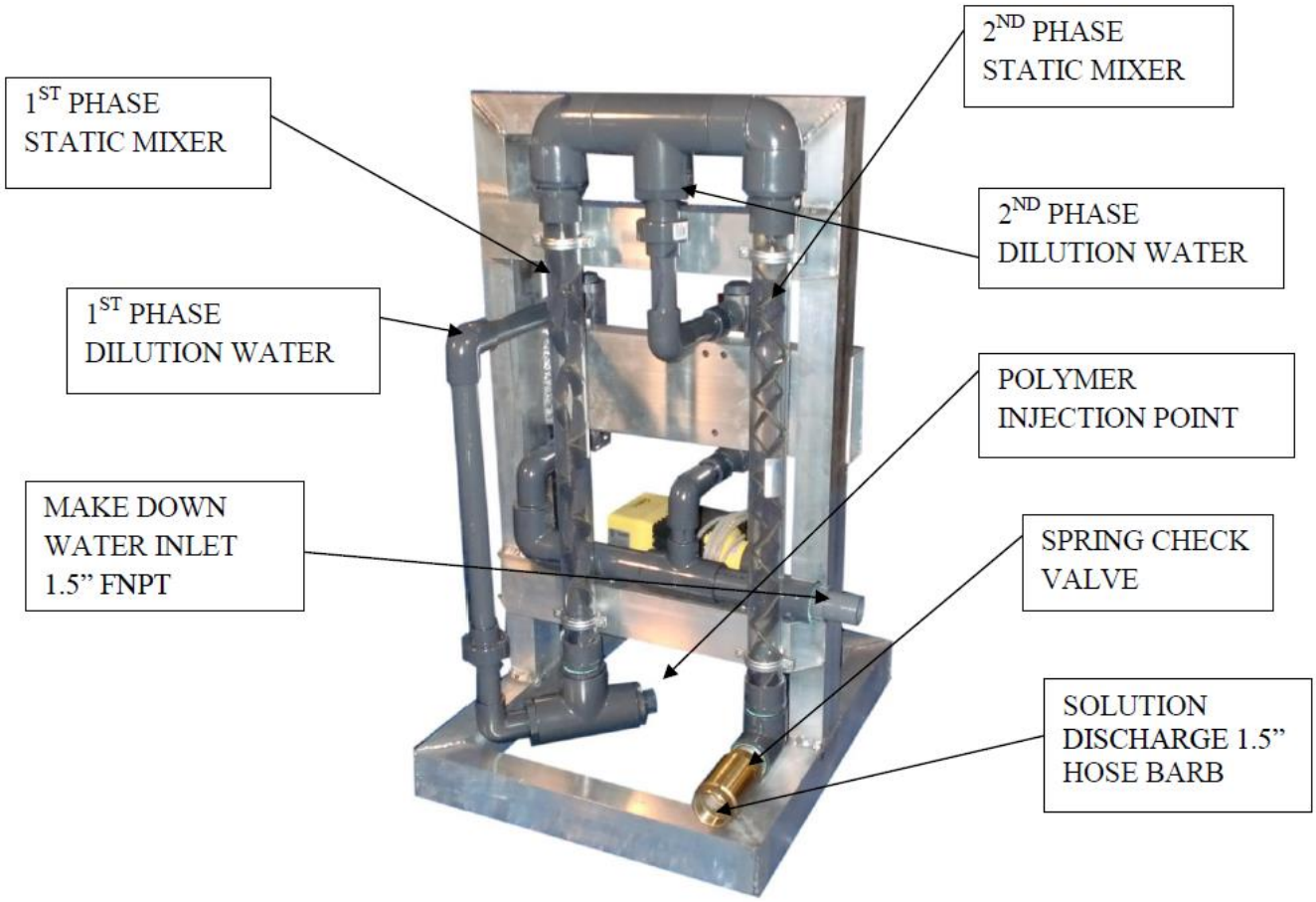
WATER SUPPLY-

- ✓ MAX 65.0 PSI MIN 40.0 PSI
- ✓ MAX 40.0 GPM MIN 6 GPM

NOTE: FLOW AND PRESSURE REQUIREMENTS MAY VARY BASED ON POYMER FEED RATE, RESIDUAL FLOW CHARACTERISTICS AND OTHER FACTORS

ELECTRICAL – 120V a.c. 50/60 Hz 1.50A

Shown with LMI pump


1ST PHASE
STATIC MIXER
1ST PHASE
DILUTION WATER
MAKE DOWN
WATER INLET
1.5" FNPT
2ND PHASE
STATIC MIXER
2ND PHASE
DILUTION WATER
POLYMER
INJECTION POINT
SPRING CHECK
VALVE
SOLUTION
DISCHARGE 1.5"
HOSE BARB
