

Technical Information

- The system will operated with potable or filtered process dilution water at 30 to 100 psi.
- A water flow switch stops the polymer pump whenever the water flow drops below minimum.
- The frame is all welded stainless steel. Components are modular and easy to access. Basic system dimensions are: 16"x 24"x 30" tall.
- The external injection valve is accessible without disturbing the activation chamber.
- Operating voltage is 120 VAC. Power consumption is less than 1,000 watts.

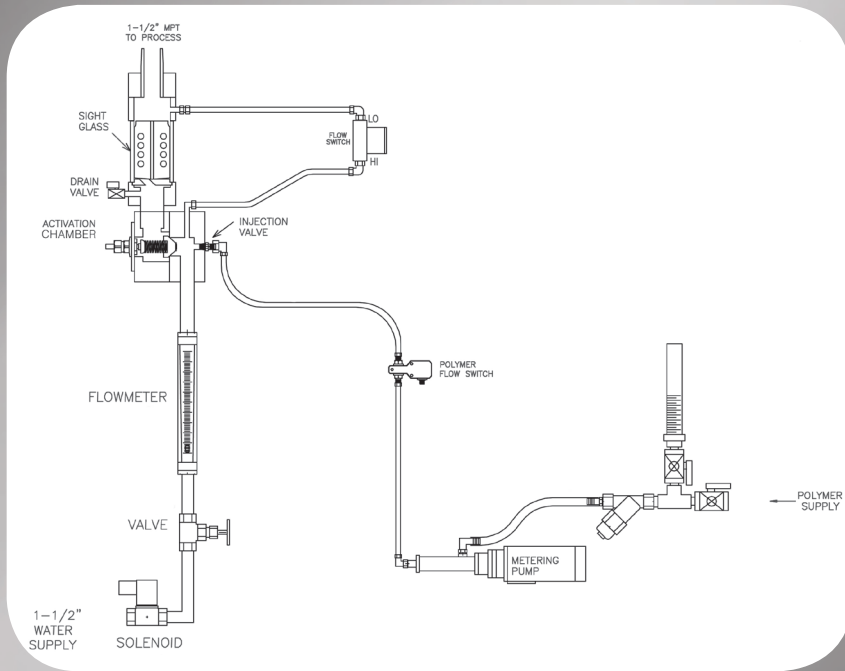
The Polymer Plus Liquid Activation System is designed to feed all types of polymers at all feed rates. It activates the polymer through the Burt Process Equipment motorless, high energy, patented activation chamber.

The metering pump is a progressing cavity type pump.

The self-cleaning sight tube allows the operator to see how the system is operating. The patented assembly is operated by the polymer solution as it leaves the system.

SERIES	FEED RATE	FLOW RATE
101PC-	1 - 16 GPD (0.2 - 2.5 LPH)	30 - 300 GPH (110 - 1,140 LPH)
102PC -	5 - 70 GPD (0.8 - 11 LPH)	60 - 600 GPH (230 - 2,270 LPH)
103PC -	10 - 150 GPD (1.6 - 24 LPH)	120 - 1,200 GPH (460 - 4,500 LPH)
104PC -	15 - 216 GPD (2.4 - 34 LPH)	180 - 1,800 GPH (680 - 6,800 LPH)
105PC -	40 - 576 GPD (6.3 - 91 LPH)	240 - 2,400 GPH (900 - 9,000 LPH)

Piping and Instrumentation Diagram



Available Options

- Low Polymer Switch
- Flush Timer
- Low Dilution Water Flow Alarm
- On/Off Auto with Relay
- Run Remote Indication
- Custom Control Panel

Dimensions

