

# PolyBlend® Polymer Feed System H Series

The PolyBlend® H Series liquid polymer feed system outperforms all conventional static mixer systems. The H Series combines an open-frame design and the Hydroforce® mixing chamber to provide quick and easy maintenance and outstanding polymer activation.

The Hydroforce® mixing chamber improves emerging viscosities by up to 30% when compared to conventional static mixing systems. This allows operators to use less polymer while improving process performance. In addition, the low initial cost of the H Series is usually recovered within a few months.

The open-frame design cuts maintenance time and costs. The H Series design allows for quick and easy service. The open frame was engineered for trouble-free disassembly and easy access to all service points.

The H Series can be easily customized to meet specific application requirements. Seven standard sizes of the H Series are available covering output ranges from 1 to 10 USGPM.

## Specifications

Power	115-230 VAC / 60 Hz / 1 Phase
Dimensions (W x H x D)	609.6 x 914.4 x 406.4 mm 24" x 36" x 16"
Polymer pump	Diaphragm
Material	304 SS Frame / PVC
Controls	Microprocessor-based REM-1E

## Key Benefits

- Improved polymer efficiency
- Open-frame design for easy access
- Motorless mix chamber
- Simple electronic controls
- Cost effective
- Integral post dilution

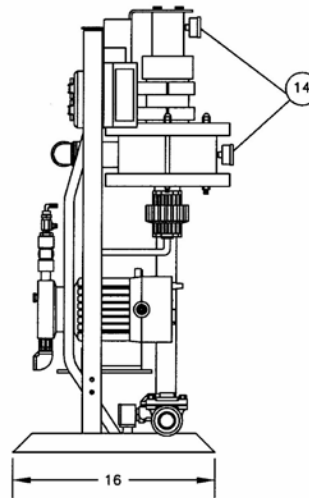
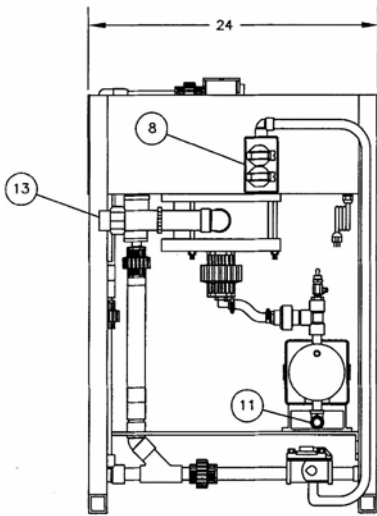
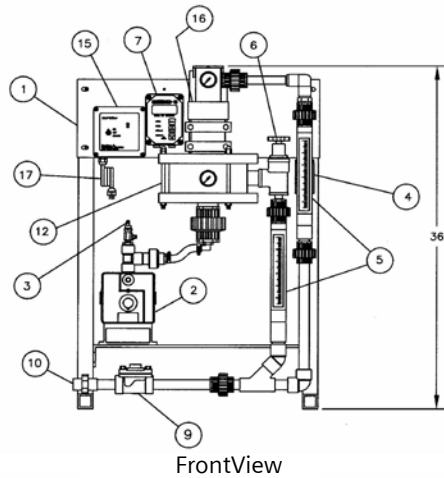


## Product Sheet

## Model Selection

Model	Pump Output		Flowmeter Range		Polymer Connection (F)NPT		Water Connection		Discharge	
	LPH	GPH	LPH	GPH	mm	in	mm	in	mm	in
H240-D.4AA	0-11-1.5	0.03-0.4	45.4-454.2	12-120	12.7	1/2"	19.1	3/4"	25.4	1
H240-D1AA	0.1-3.8	0.06-1.0	45.4-454.2	12-120	12.7	1/2"	19.1	3/4"	25.4	1
H240-D2.5AA	0.5-9.5	0.13-2.5	45.4-454.2	12-120	12.7	1/2"	19.1	3/4"	25.4	1
H601-D.4AA	0.11-1.5	0.03-0.4	113.6-1135.6	30-300	12.7	1/2"	25.4	1"	38.1	1-1/2"
H601-D1AA	0.3-3.8	0.06-1.0	113.6-1135.6	30-300	12.7	1/2"	25.4	1"	38.1	1-1/2"
H601-D2.5AA	0.5-9.5	0.13-2.5	113.6-1135.6	30-300	12.7	1/2"	25.4	1"	38.1	1-1/2"
H601-D4AA	1.1-15.1	0.3-4.0	113.6-1135.6	30-300	12.7	1/2"	25.4	1"	38.1	1-1/2"

## General Layout



Key Description	
1	Base Assembly
2	Pump
3	Priming Port, Pump
4	Water Flow Switch
5	Flowmeter
6	Post-Dilution Flow Control Valve
7	Digital Display Pump Controller, REM-1E
8	On/Off Pump Switch
9	Solenoid Valve
10	Water Inlet
11	Polymer Inlet
12	Mix Chamber Assembly
13	Solution Discharge
14	Pressure Gauge
15	On-Off-Remote Control Panel
16	Primary Dilution Flow Control Valve
17	Power Cord

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