



HM-P Series shown

The HyBlend® Difference

The latest evolution of polymer activation technology is born from the culmination of nineteen years of research, development and practical field experience. HyBlend® combines the reliability of high-energy, non-mechanical blending, with the versatility and control of mechanical blending.



HyBlend®

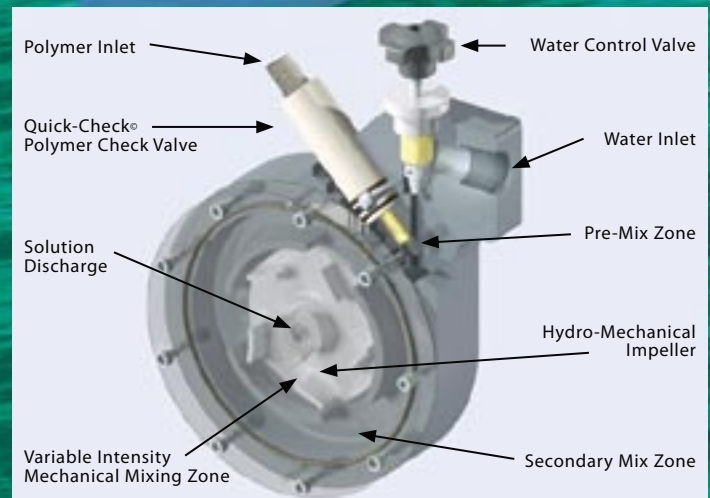
Liquid Polymer Activation Technology

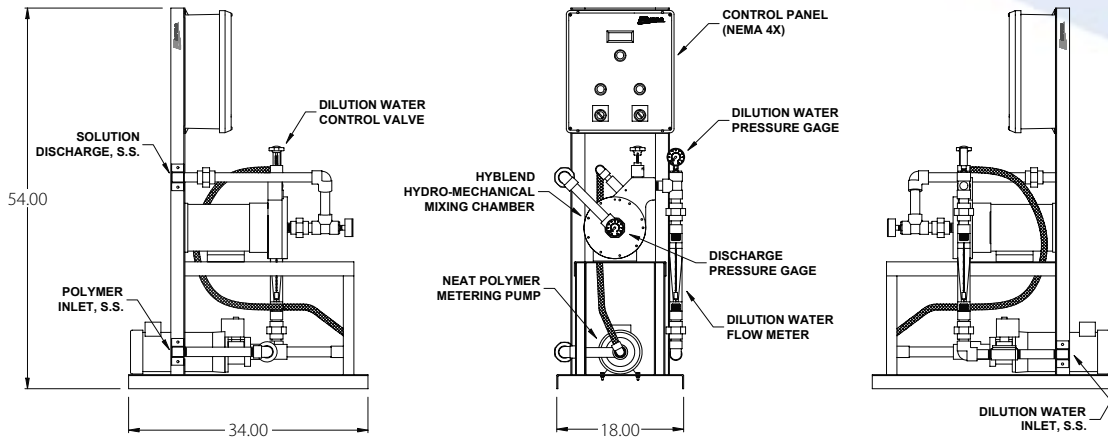
FEATURES

- EXCLUSIVE TWO-STAGE PROCESS
 - STAGE 1: HYDRO-DYNAMIC (NON-MECHANICAL)
 - STAGE 2: HYDRO-MECHANICAL (MECHANICALLY ENHANCED)
- VARIABLE MIXING INTENSITY
- QUICK-CHECK® NEAT POLYMER CHECK VALVE
- SELF-CLEANING CLEAR VIEWING CHAMBER
- STAINLESS STEEL PLUMBING CONNECTIONS

ADVANTAGES

- OPERATES WITH OR WITHOUT MECHANICAL MIXER
- DOES NOT RELY SOLELY ON WATER PRESSURE FOR MIXING ENERGY
- MAINTAINS HIGH, NON-DAMAGING MIXING ENERGY
- CONTROLLABLE MIXING ENERGY INDEPENDENT OF WATER PRESSURE
- RELIABLE, WITH QUICK AND EASY MAINTENANCE





EXAMPLE: **HM- 15P 1800- C**

SERIES	HM	HYDRO-MECHANICAL REACTION CHAMBER			
NEAT POLYMER PUMP RATE / TYPE					
DIAPHRAGM PUMP: (lower & higher capacities available – consult factory)					
	0.6D	0.03 TO 0.6 GPH			
	1.0D	0.05 TO 1 GPH			
	2.5D	0.125 TO 2.5 GPH			
	4.5D	0.225 TO 4.5 GPH			
	8.0D	0.4 TO 8 GPH			
PROGRESSIVE CAVITY PUMPS: (lower & higher capacities available – consult factory)					
	2.5P	0.25 TO 2.5 GPH			
	6P	0.6 to 6.0 GPH			
	10P	1 TO 10 GPH			
	15P	1.5 TO 15 GPH			
	25P	2.5 TO 25 GPH			
	50P	5 TO 50 GPH			
WATER RATE (lower & higher capacities available – consult factory)					
	60	6 TO 60 GPH			
	120	12 TO 120 GPH			
	300	30 TO 300 GPH			
	600	60 TO 600 GPH			
	1200	120 TO 1200 GPH			
	1800	180 TO 1800 GPH			
	2400	240 TO 2400 GPH			
CONTROL SYSTEM					
	A	LOCAL CONTROL ONLY			
	B	LOCAL AND REMOTE CONTROL, NO ALARMS, NO OUTPUTS			
	C	LOCAL AND REMOTE CONTROL, WATER ALARM, DISCRETE OUTPUTS			
	D	LOCAL AND REMOTE CONTROL, WATER ALARM, POLYMER ALARM, DISCRETE OUTPUTS			
	E	LOCAL AND REMOTE CONTROL, WATER ALARM, POLYMER ALARM, DISCRETE OUTPUTS, 4-20mA POLYMER FLOW OUTPUT			
	R	RATIO CONTROL – SEE DATA SHEET ON RATIO CONTROL OPTIONS			
NOTE: "EXP" SUFFIX ON CONTROL DESIGNATION = NEMA 7 EXPLOSION-PROOF OPTION "0" DESIGNATES NO CONTROLS INCLUDED, "X" DESIGNATES CUSTOMER SPECIFIED CONTROLS					

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