



HydraPol-N™

Neat Polymer Systems

WATER TECHNOLOGIES

Liquid Systems

Overview

Veolia's liquid polymer systems are designed to process and deliver the full range of HMW (high-molecular-weight) polymers in the emulsion, dispersion and solution form.

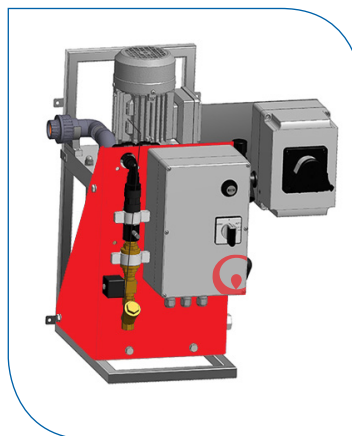
Our systems are available in a variety of capacities. You will find that our systems are accurate and reliable, delivering responsible results each and every time.



Small - Medium Flow Applications

HydraPol-N Primo Series employ a low-shear peristaltic pump to inject the neat polymer into a pressurized integral mixing chamber suited with multizone agitator. Compact Series can process up to 216 LPD (57 GPD) of neat polymer, at 0.2 - 2.0% concentration.

HydraPol-N Modulo Series liquid polymer systems employ a 316 stainless steel metering pump to inject the neat liquid polymer into the four stage, hydraulic mixing circuit. PC Series Modulo can process up to 1000 LPD (264 GPD) of neat polymer, at 0.2 - 2.0% concentration.



HydraPol-N Model	Neat polymer pump	Designed Capacity (100% active polymer)	Max. Pump Capacity (Neat polymer)	Dilution Water (litres/hour)	Max. Back Pressure
P-2P-004	Peristaltic, HP	0,04 kg/h	0,08 l/h	120	60 psig
P-2P-010	Peristaltic, HP	0,10 kg/h	0,20 l/h	120	
P-3P-030/5P-030	Peristaltic, HP	0,30 kg/h	0,60 l/h	180 / 300	
P-5P-060	Peristaltic, HP	0,60 kg/h	1,20 l/h	300	
P-10P-120	Peristaltic, HP	1,20 kg/h	2,40 l/h	600	
P-30P-150	Peristaltic, HP	1,50 kg/h	3,00 l/h	1800	
P-40P-300	Peristaltic, HP	3,00 kg/h	6,00 l/h	2400	
P-70P-450	Peristaltic, HP	4,50 kg/h	9,00 l/h	4200	
M-30D-180/60D-180	Diaphragm	1,87 kg/h	3,75 l/h	1800 / 3600	100 psig
M-30D-375/60D-375	Diaphragm	3,75 kg/h	7,50 l/h	1800 / 3600	
M-30D-750/60D-750	Diaphragm	7,50 kg/h	15,0 l/h	1800 / 3600	
M-30D-1800/60D-1800	Diaphragm	18,7 kg/h	37,5 l/h	1800 / 3600	
M-30PC-110/60PC-110	Prog. Cavity	11,0 kg/h	22,5 l/h	1800 / 3600	80 psig
M-30PC-225/60PC-225	Prog. Cavity	22,5 kg/h	45,0 l/h	1800 / 3600	

Liquid Systems

Large Flow Applications

HydraPol-N HiFlo Series Liquid polymer systems have the most recognizable “L” shaped profile of any system on the market today.



HiFlo Series Systems are widely employed in a large industrial and municipal applications. The HiFlo Series systems range in polymer solution delivery capacity from 20 GPM to 300 GPM.

Hydra-Stat

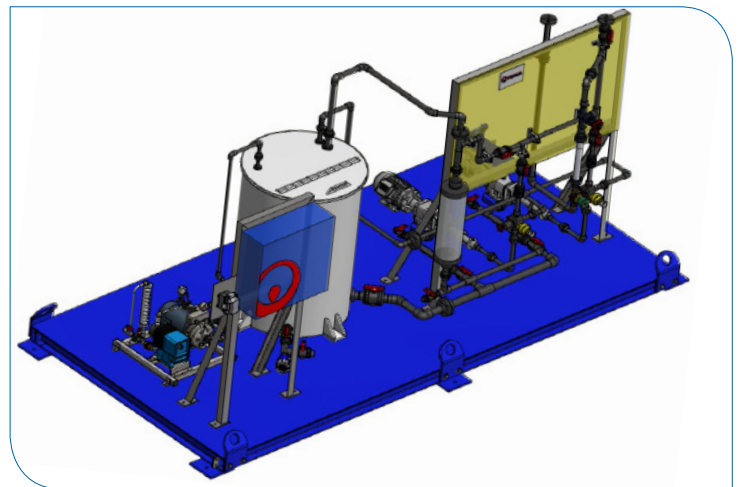
- ♦ Real-time polymer activation monitoring
- ♦ Prevent process downtime
- ♦ Validates operation and system performance
- ♦ Optimizes polymer consumption (ROI)



Turnkey Custom Systems

Veolia Water Technologies Canada Inc. can offer custom turnkey systems including process equipment, automation, instruments, quality documents, start-up and training.

Custom systems can be designed and fabricated to meet most stringent industrial specifications, such as, but not limited to: ASME B31.3, API650 app. J, CWB, AWS D1.1



Resourcing the world

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