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The Pulsafeeder Manual Control Polymer Makedown System features a proprietary Static Blending System which provides excellent dilution without harming the polymer chains. These rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability.

The UV-stabilized, high-grade HDPE frame is lightweight, corrosion resistant and offers structural rigidity.

Each system is factory assembled and hydrostatically tested prior to shipment.

A Wide Range of Dilution Utilizing three different water flow rates to choose from (0-5 GPM; 5-10 GPM & 10+ GPM) the proprietary design Static Blending System is custom sized to provide outstanding activation of all types of polymers, without the sometimes damaging effects of motorized mixing devices. There are five neat polymer pump flow rates to choose from to get the right size for any application. The Manual Control Polymer Makedown System includes an auto-fill calibration column for easy verification of the exact neat polymer injection rate and an adjustable flow meter for incoming water, enabling exact proportion control. Each system also comes standard with a neat polymer back pressure regulator to maintain a consistent final product.

Standard Features A single three position control switch provides for automatic polymer makedown in "Run" mode and allows the operator select "Flush" mode to run only clean water, along with the "Off" position. A "Prime" button activates only the neat polymer pump. The auto-fill plumbing diverts neat polymer to the calibration column for clean and simple calibration.

Features

- Open Access System: Rigid, unitized frame with preplumbed schedule 80 PVC piping; great system visibility and open layout means easy servicing.
- Easy to Install and Operate: Single control switch for "Off / Flush / Run, and "Prime" button give simple operational control.
- Proportion Control: Three different water flow rates to choose from along with five neat polymer pump flow rates for exact application fit.
- Proprietary Mixing: The proprietary design Static Blending System is customized providing outstanding activation of all types of polymers.
- Consistent Control: Pulsatron neat polymer pump for up to 20,000 CPS, solenoid valve and adjustable flow meter for incoming water, auto-fill calibration column and back pressure control give you consistent, repeatable makedown control.

Applications

- Water Clarification: A wide variety of polymers can be used for clarification flocculants. Used in applications from direct filtering to DAF system skimming, the Pulsafeeder Polymer Makedown System will fit almost any application:
- Wastewater Treatment
- Food & Beverage
- Paint Overspray Water Systems
- Industrial Process Water Treatment



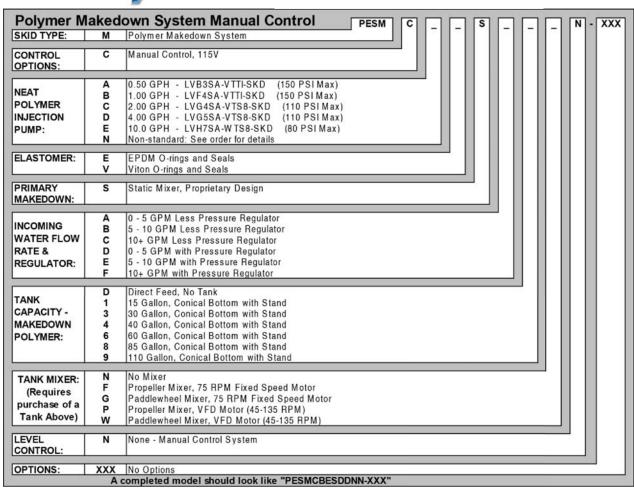
Day Tank Option

 Optional: Conical Bottom Tanks with stand are available from 15-110 gallon.

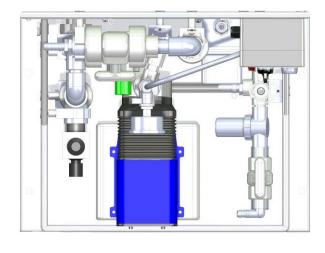


Polymer Makedown Systems Manual

Polymer Makedown Systems Manual Specifications and Model Selection



Top View

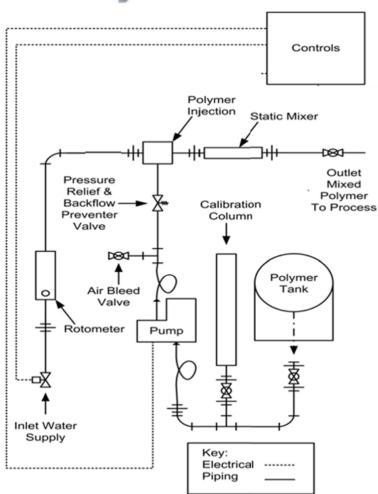




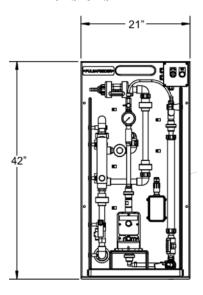
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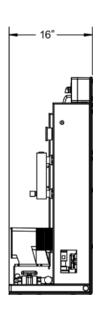
		Sol																		
Water Flow Rate (GPM)	Neat Polymer Injection Pump Flow Rate (GPH) to Reach Percent Makedown																			
	0.2%	0.4%	0.6%	0.8%	1.0%	1.2%	1.4%	1.6%	1.8%	2.0%	2.2%	2.4%	2.6%	2.8%	3.0%	3.2%	3.4%	3.6%	3.8%	4.0%
0.2	0.02	0.05	0.07	0.10	0.12	0.14	0.17	0.19	0.22	0.24	0.26	0.29	0.31	0.34	0.36	0.38	0.41	0.43	0.46	0.48
0.4	0.05	0.10	0.14	0.19	0.24	0.29	0.34	0.38	0.43	0.48	0.53	0.58	0.62	0.67	0.72	0.77	0.82	0.86	0.91	0.96
0.6	0.07	0.14	0.22	0.29	0.36	0.43	0.50	0.58	0.65	0.72	0.79	0.86	0.94	1.01	1.08	1.15	1.22	1.30	1.37	1.44
0.8	0.10	0.19	0.29	0.38	0.48	0.58	0.67	0.77	0.86	0.96	1.06	1.15	1.25	1.34	1.44	1.54	1.63	1.73	1.82	1.92
1.0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40
1.2	0.14	0.29	0.43	0.58	0.72	0.86	1.01	1,15	1.30	1.44	1.58	1.73	1.87	2.02	2.16	2.30	2.45	2.59	2.74	2.88
1.4	0.17	0.34	0.50	0.67	0.84	1.01	1.18	1.34	1.51	1.68	1.85	2.02	2.18	2.35	2.52	2.69	2.86	3.02	3.19	3.36
1.6	0.19	0.38	0.58	0.77	0.96	1.15	1.34	1.54	1.73	1.92	2.11	2.30	2.50	2.69	2.88	3.07	3.26	3.46	3.65	3.84
1.8	0.22	0.43	0.65	0.86	1.08	1.30	1.51	1.73	1.94	2.16	2.38	2.59	2.81	3.02	3.24	3.46	3.67 4.08	3.89 4.32	4.10 4.56	4.32
2.0	0.24	0.48	0.72	0.96	1.20	1.44	1.68	1.92	2.16	2.40	2.64	2.88	3.12	3.36	3.60	3.84	4.08			4.80
2.2	0.26	0.53	0.79	1.06	1.32	1.58	1.85	2.11	2.38	2.64	2.90	3.17	3.43	3.70	3.96	4.22		4.75	5.02	5.28
2.4	0.29	0.58	0.86	1.15	1.44	1.73	2.02	2.30	2.59	2.88	3.17	3.46	3.74	4.03	4.32	4.61	4.90	5.18 5.62	5.47 5.93	5.76 6.24
2.6 2.8	0.31	0.62	0.94	1.25	1.56 1.68	1.87	2.18	2.50	2.81 3.02	3.12	3.70	4.03	4.06 4.37	4.37	4.68 5.04	5.38	5.30 5.71	6.05	6.38	6.72
3.0	0.34	0.67	1.01	1.34	1.80	2.02	2.52	2.88	3.02	3.60	3.70	4.03	4.37	5.04	5.40	5.76	6.12	6.48	6.84	7.20
3.2	0.38	0.72	1.15	1.54	1.92	2.30	2.69	3.07	3.46	3.84	4.22	4.61	4.08	5.38	5.76	6.14	6.53	6.91	7.30	7.68
3.4	0.38	0.82	1.13	1.63	2.04	2.45	2.86	3.26	3.40	4.08	4.49	4.01	5.30	5.71	6.12	6.53	6.94	7.34	7.75	8.16
3.6	0.43	0.86	1.30	1.73	2.16	2.59	3.02	3.46	3.89	4.32	4.75	5.18	5.62	6.05	6.48	6.91	7.34	7.78	8.21	8.64
3.8	0.46	0.91	1.37	1.82	2.28	2.74	3.19	3.65	4.10	4.56	5.02	5.47	5.93	6.38	6.84	7.30	7.75	8.21	8.66	9.12
4.0	0.48	0.96	1.44	1 92	2.40	2.88	3.36	3.84	4.32	4.80	5.02	5.76	6.24	6.72	7.20	7.68	8 16	8.64	9.12	9.60
4.2	0.50	1.01	1.51	2.02	2.52	3.02	3.53	4.03	4.54	5.04	5.54	6.05	6.55	7.06	7.56	8.06	8.57	9.07	9.58	10.0
4.4	0.53	1.06	1.58	2.11	2.64	3.17	3.70	4.22	4.75	5.28	5.81	6.34	6.86	7.39	7 92	8.45	8.98	9.50	10.03	10.5
4.6	0.55	1.10	1.66	2.21	2.76	3.31	3.86	4.42	4.97	5.52	6.07	6.62	7.18	7.73	8.28	8.83	9.38	9.94	10.49	11.0
4.8	0.58	1.15	1.73	2.30	2.88	3.46	4.03	4.61	5.18	5.76	6.34	6.91	7.49	8.06	8.64	9.22	9.79	10.37	10.94	11.5
5.0	0.60	1.20	1.80	2.40	3.00	3.60	4.20	4.80	5.40	6.00	6.60	7.20	7.80	8.40	9.00	9.60	10.20	10.80	11.40	12.00
5.2	0.62	1.25	1.87	2.50	3.12	3.74	4.37	4.99	5.62	6.24	6.86	7.49	8.11	8.74	9.36	9.98	10.61	11.23	11.86	12.4
5.4	0.65	1.30	1.94	2.59	3.24	3.89	4.54	5.18	5.83	6.48	7.13	7.78	8.42	9.07	9.72	10.37	11.02	11.66	12.31	12.9
5.6	0.67	1.34	2.02	2.69	3.36	4.03	4.70	5.38	6.05	6.72	7.39	8.06	8.74	9.41	10.08	10.75	11.42	12.10	12.77	13.4
5.8	0.70	1.39	2.09	2.78	3.48	4.18	4.87	5.57	6.26	6.96	7.66	8.35	9.05	9.74	10.44	11.14	11.83	12.53	13.22	13.9
6.0	0.72	1.44	2.16	2.88	3.60	4.32	5.04	5.76	6.48	7.20	7.92	8.64	9.36	10.08	10.80	11.52	12.24	12.96	13.68	14.4
6.2	0.74	1.49	2.23	2.98	3.72	4.46	5.21	5.95	6.70	7.44	8.18	8.93	9.67	10.42	11.16	11.90	12.65	13.39	14.14	14.8
6.4	0.77	1.54	2.30	3.07	3.84	4.61	5.38	6.14	6.91	7.68	8.45	9.22	9.98	10.75	11.52	12.29	13.06	13.82	14.59	15.3
6.6	0.79	1.58	2.38	3.17	3.96	4.75	5.54	6.34	7.13	7.92	8.71	9.50	10.30	11.09	11.88	12.67	13.46	14.26	15.05	15.8
6.8	0.82	1.63	2.45	3.26	4.08	4.90	5.71	6,53	7.34	8.16	8.98	9.79	10.61	11.42	12.24	13.06	13.87	14.69	15.50	16.3
7.0	0.84	1.68	2.52	3.36	4.20	5.04	5.88	6.72	7.56	8.40	9.24	10.08	10.92	11.76	12.60	13.44	14.28	15.12	15.96	16.8
7.2	0.86	1.73	2.59	3.46	4.32	5.18	6.05	6.91	7.78	8.64	9.50	10.37	11.23	12.10	12.96	13.82	14.69	15.55	16.42	17.2
7.4	0.89	1.78	2.66	3.55	4.44	5.33	6.22	7.10	7.99	8.88	9.77	10.66	11.54	12.43	13.32	14.21	15.10	15.98	16.87	17.7
7.6	0.91	1.82	2.74	3.65	4.56 4.68	5.47 5.62	6.38	7.30	8.21 8.42	9.12	10.03	10.94	11.86	12.77	13.68	14.59	15.50	16.42	17.33	18.2
7.8 8.0	0.94	1.87	2.81	3.74	4.80	5.76	6.72	7.68	8.42	9.60	10.56	11.52	12.17	13.10	14.40	14.98 15.36	15.91 16.32	16.85	17.78	18.7
8.2	0.98	1.97	2.95	3.94	4.80	5.90	6.89	7.87	8.86	9.84	10.82	11.81	12.79	13.78	14.40	15.74	16.73	17.71	18.70	19.6
8.4	1.01	2.02	3.02	4.03	5.04	6.05	7.06	8.06	9.07	10.08	11.09	12.10	13.10	14.11	15.12	16.13	17.14	18.14	19.15	20.1
8.6	1.03	2.02	3.10	4.13	5.16	6.19	7.22	8.26	9.29	10.00	11.35	12.10	13.42	14.11	15.48	16.51	17.14	18.58	19.15	20.6
8.8	1.06	2.11	3.17	4.22	5.28	6.34	7.39	8.45	9.50	10.56	11.62	12.67	13.73	14.78	15.84	16.90	17.95	19.01	20.06	21.1
9.0	1.08	2.16	3.24	4.32	5.40	6.48	7.56	8.64	9.72	10.80	11.88	12.96	14.04	15.12	16.20	17.28	18.36	19.44	20.52	21.6
9.2	1.10	2.21	3.31	4.42	5.52	6.62	7.73	8.83	9.94	11.04	12.14	13.25	14.35	15.46	16.56	17.66	18.77	19.87	20.98	22.0
9.4	1.13	2.26	3.38	4.51	5.64	6.77	7.90	9.02	10.15	11.28	12.41	13.54	14.66	15.79	16.92	18.05	19.18	20.30	21.43	22.5
9.6	1.15	2.30	3.46	4.61	5.76	6.91	8.06	9.22	10.37	11.52	12.67	13.82	14.98	16.13	17.28	18.43	19.58	20.74	21.89	23.0
9.8	1.176	2.352	3.528	4.704	5.88	7.056	8.232	9.408	10.584	11.76	12.936	14.112	15.288	16,464	17.64	18.816	19.992	21.168	22.344	23.5
10.0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8	24
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Guide	LV	B3	LVF4		LVG4		LVG5		LVH7		Not Covered by HV Pumps				ps					

Polymer Makedown Systems Manual PNID



Dimensions





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