NATIONAL
WATER TREATMENT PRODUCTS

Water Flow * : Cubic Feet per Second per Lineal Foot (LF) of Weir

	Notches / LF	2.82352941	2	2	2	1.95918367	1.5	1.2	1
Head in feet	Head in	2" Deep on inches 4 1/4" CNTR	2" Deep on 6" Centers	2 1/2" Deep on 6" Centers	3" Deep on 6" Centers	3" Deep on 6 1/8" CNTR	3" Deep on 8" Centers	4" Deep on 10" Centers	4" Deep on 12" Centers
0.01	0.125	0	0	0	0	0	0	0	0
0.021	0.25	0	0	0	0	0	0	0	0
0.031	0.375	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0
0.042	0.5	0.003	0.002	0.002	0.002	0.002	0.001	0.001	0.001
0.052	0.625	0.004	0.003	0.003	0.003	0.003	0.002	0.002	0.002
0.063	0.75	0.007	0.005	0.005	0.005	0.005	0.004	0.003	0.002
0.073	0.875	0.01	0.007	0.007	0.007	0.007	0.005	0.004	0.004
0.083	1	0.014	0.01	0.01	0.01	0.01	0.008	0.006	0.005
0.094	1.125	0.019	0.014	0.014	0.014	0.013	0.01	0.008	0.007
0.104	1.25	0.025	0.018	0.018	0.018	0.017	0.013	0.011	0.009
0.115	1.375	0.032	0.023	0.023	0.023	0.022	0.017	0.014	0.011
0.125	1.5	0.04	0.028	0.028	0.028	0.027	0.021	0.017	0.014
0.135	1.625	0.048	0.034	0.034	0.034	0.034	0.026	0.021	0.017
0.146	1.75	0.058	0.041	0.041	0.041	0.04	0.031	0.025	0.021
0.156	1.875	0.069	0.049	0.049	0.049	0.048	0.037	0.029	0.025
0.167	2	0.081	0.058	0.058	0.058	0.056	0.043	0.035	0.029
0.177	2.125	-	-	0.067	0.067	0.066	0.05	0.04	0.034
0.188	2.25	-	-	0.077	0.077	0.076	0.058	0.046	0.039
0.198	2.375	-	-	0.089	0.089	0.087	0.066	0.053	0.044
0.208	2.5	-	-	0.101	0.101	0.099	0.075	0.06	0.05
0.219	2.625	-	-	-	0.114	0.111	0.085	0.068	0.057
0.229	2.75	-	-	-	0.128	0.125	0.096	0.077	0.064
0.240	2.875	-	-	-	0.143	0.14	0.107	0.086	0.071
0.250	3	-	-	-	0.159	0.156	0.119	0.095	0.079
0.260	3.125	-	-	-	-	-	-	0.105	0.088
0.271	3.25	-	-	-	-	-	-	0.116	0.097
0.281	3.375	-	-	-	-	-	-	0.128	0.107
0.292	3.5	-	-	-	-	-	-	0.14	0.117
0.302	3.625	-	-	-	-	-	-	0.153	0.127
0.313	3.75	-	-	-	-	-	-	0.166	0.139
0.323	3.875	-	-	-	-	-	-	0.181	0.151
0.333	4.000	-	-	-	-	-	-	0.196	0.163

* Calculations based on Thompson Formula $Q = 2.54 (H)^{5/2}$, [Q = flow in cubic feet per second, H = head in feet] (1) 12' molded length, (2) 8' molded length, (3) 6' molded length

NATIONAL
WATER TREATMENT PRODUCTS

Water Flow * : Gallons per Minute per Lineal Foot (LF) of Weir

	Notches / LF	2.82352941	2	2	2	1.95918367	1.5	1.2	1
Head in feet	Head in	2" Deep on inches 4 1/4" CNTR	2" Deep on 6" Centers	2 1/2" Deep on 6" Centers	3" Deep on 6" Centers	3" Deep on 6 1/8" CNTR	3" Deep on 8" Centers	4" Deep on 10" Centers	4" Deep on 12" Centers
0.010	0.125	0.036	0.025	0.025	0.025	0.025	0.019	0.015	0.013
0.021	0.25	0.202	0.143	0.143	0.143	0.14	0.107	0.086	0.071
0.031	0.375	0.556	0.394	0.394	0.394	0.386	0.295	0.236	0.197
0.042	0.5	1.141	0.808	0.808	0.808	0.792	0.606	0.485	0.404
0.052	0.625	1.993	1.412	1.412	1.412	1.383	1.059	0.847	0.706
0.063	0.75	3.143	2.227	2.227	2.227	2.181	1.67	1.336	1.113
0.073	0.875	4.621	3.274	3.274	3.274	3.207	2.455	1.964	1.637
0.083	1	6.453	4.571	4.571	4.571	4.478	3.428	2.742	2.285
0.094	1.125	8.662	6.136	6.136	6.136	6.011	4.602	3.682	3.068
0.104	1.25	11.273	7.985	7.985	7.985	7.822	5.989	4.791	3.992
0.115	1.375	14.306	10.133	10.133	10.133	9.926	7.6	6.08	5.067
0.125	1.5	17.782	12.596	12.596	12.596	12.339	9.447	7.557	6.298
0.135	1.625	21.721	15.386	15.386	15.386	15.072	11.54	9.232	7.693
0.146	1.75	26.143	18.518	18.518	18.518	18.14	13.888	11.111	9.259
0.156	1.875	31.064	22.004	22.004	22.004	21.555	16.503	13.202	11.002
0.167	2	36.503	25.856	25.856	25.856	25.329	19.392	15.514	12.928
0.177	2.125		-	30.088	30.088	29.474	22.566	18.053	15.044
0.188	2.25		-	34.71	34.71	34.001	26.032	20.826	17.355
0.198	2.375		-	39.733	39.733	38.922	29.8	23.84	19.867
0.208	2.5		-	45.169	45.169	44.248	33.877	27.102	22.585
0.219	2.625		-	-	51.029	49.988	38.272	30.617	25.514
0.229	2.75		-	-	57.323	56.153	42.992	34.394	28.661
0.240	2.875		-	-	64.06	62.753	48.045	38.436	32.03
0.250	3		-	-	71.252	69.798	53.439	42.751	35.626
0.260	3.125		-	-	-	-	-	47.345	39.454
0.271	3.25		-	-	-	-	-	52.222	43.518
0.281	3.375		-	-	-	-	-	57.389	47.824
0.292	3.5		-	-	-	-	-	62.851	52.376
0.302	3.625		-	-	-	-	-	68.614	57.179
0.313	3.75		-	-	-	-	-	74.683	62.236
0.323	3.875		-	-	-	-	-	81.063	67.553
0.333	4		-	-	-	-	-	87.76	73.133

* Calculations based on Thompson Formula $Q = 2.54 (H)^{5/2}$, [Q = flow in cubic feet per second, H = head in feet] (1) 12' molded length, (2) 8' molded length, (3) 6' molded length

NATIONAL
WATER TREATMENT PRODUCTS

Water Flow * : Gallons per Day per Lineal Foot (LF) of Weir

Notches / LF		2.82352941	2	2	2	1.95918367	1.5	1.2	1
Head in feet	Head in	2" Deep on inches 4 1/4" CNTR	2" Deep on 6" Centers	2 1/2" Deep on 6" Centers	3" Deep on 6" Centers	3" Deep on 6 1/8" CNTR	3" Deep on 8" Centers	4" Deep on 10" Centers	4" Deep on 12" Centers
0.01	0.125	51.333	36.361	36.361	36.361	35.619	27.27	21.816	18.18
0.021	0.25	290.381	205.687	205.687	205.687	201.489	154.265	123.412	102.843
0.031	0.375	800.196	566.806	566.806	566.806	555.238	425.104	340.083	283.403
0.042	0.5	1,642.64	1,163.54	1,163.54	1,163.54	1,139.79	872.655	698.124	581.77
0.052	0.625	2,869.58	2,032.62	2,032.62	2,032.62	1,991.14	1,524.47	1,219.57	1,016.31
0.063	0.75	4,526.60	3,206.34	3,206.34	3,206.34	3,140.90	2,404.75	1,923.80	1,603.17
0.073	0.875	6,654.86	4,713.86	4,713.86	4,713.86	4,617.65	3,535.39	2,828.31	2,356.93
0.083	1	9,292.20	6,581.97	6,581.97	6,581.97	6,447.65	4,936.48	3,949.18	3,290.99
0.094	1.125	12,473.83	8,835.63	8,835.63	8,835.63	8,655.31	6,626.72	5,301.38	4,417.81
0.104	1.25	16,232.80	11,498.23	11,498.23	11,498.23	11,263.58	8,623.68	6,898.94	5,749.12
0.115	1.375	20,600.38	14,591.94	14,591.94	14,591.94	14,294.14	10,943.95	8,755.16	7,295.97
0.125	1.5	25,606.29	18,137.79	18,137.79	18,137.79	17,767.63	13,603.34	10,882.67	9,068.89
0.135	1.625	31,278.93	22,155.91	22,155.91	22,155.91	21,703.75	16,616.93	13,293.54	11,077.95
0.146	1.75	37,645.54	26,665.59	26,665.59	26,665.59	26,121.40	19,999.20	15,999.36	13,332.80
0.156	1.875	44,732.34	31,685.41	31,685.41	31,685.41	31,038.77	23,764.06	19,011.25	15,842.70
0.167	2	52,564.61	37,233.27	37,233.27	37,233.27	36,473.40	27,924.95	22,339.96	18,616.63
0.177	2.125	-	-	43,326.49	43,326.49	42,442.27	32,494.86	25,995.89	21,663.24
0.188	2.25	-	-	49,981.86	49,981.86	48,961.82	37,486.40	29,989.12	24,990.93
0.198	2.375	-	-	57,215.69	57,215.69	56,048.03	42,911.77	34,329.42	28,607.85
0.208	2.5	-	-	65,043.84	65,043.84	63,716.41	48,782.88	39,026.30	32,521.92
0.219	2.625	-	-	-	73,481.73	71,982.11	55,111.30	44,089.04	36,740.87
0.229	2.75	-	-	-	82,544.45	80,859.87	61,908.34	49,526.67	41,272.22
0.24	2.875	-	-	-	92,246.68	90,364.10	69,185.01	55,348.01	46,123.34
0.25	3	-	-	-	102,602.81	100,508.88	76,952.11	61,561.69	51,301.41
0.26	3.125	-	-	-	-	-	-	68,176.14	56,813.45
0.271	3.25	-	-	-	-	-	-	75,199.64	62,666.37
0.281	3.375	-	-	-	-	-	-	82,640.29	68,866.91
0.292	3.5	-	-	-	-	-	-	90,506.03	75,421.69
0.302	3.625	-	-	-	-	-	-	98,804.66	82,337.21
0.313	3.75	-	-	-	-	-	-	107,543.84	89,619.87
0.323	3.875	-	-	-	-	-	-	116,731.12	97,275.93
0.333	4	-	-	-	-	-	-	126,373.89	105,311.58

* Calculations based on Thompson Formula $Q = 2.54 (H)^{5/2}$, [Q = flow in cubic feet per second, H = head in feet] (1) 12' molded length, (2) 8' molded length, (3) 6' molded length

NATIONAL
WATER TREATMENT PRODUCTS

Water Flow * : Millions of Gallons per Day per Lineal Foot (LF) of Weir

	Notches / LF	2.82352941	2	2	2	1.95918367	1.5	1.2	1
Head in feet	Head in	2" Deep on inches 4 1/4" CNTR	2" Deep on 6" Centers	2 1/2" Deep on 6" Centers	3" Deep on 6" Centers	3" Deep on 6 1/8" CNTR	3" Deep on 8" Centers	4" Deep on 10" Centers	4" Deep on 12" Centers
0.01	0.125	0	0	0	0	0	0	0	0
0.021	0.25	0	0	0	0	0	0	0	0
0.031	0.375	0.001	0.001	0.001	0.001	0.001	0	0	0
0.042	0.5	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
0.052	0.625	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.001
0.063	0.75	0.005	0.003	0.003	0.003	0.003	0.002	0.002	0.002
0.073	0.875	0.007	0.005	0.005	0.005	0.005	0.004	0.003	0.002
0.083	1	0.009	0.007	0.007	0.007	0.006	0.005	0.004	0.003
0.094	1.125	0.012	0.009	0.009	0.009	0.009	0.007	0.005	0.004
0.104	1.25	0.016	0.011	0.011	0.011	0.011	0.009	0.007	0.006
0.115	1.375	0.021	0.015	0.015	0.015	0.014	0.011	0.009	0.007
0.125	1.5	0.026	0.018	0.018	0.018	0.018	0.014	0.011	0.009
0.135	1.625	0.031	0.022	0.022	0.022	0.022	0.017	0.013	0.011
0.146	1.75	0.038	0.027	0.027	0.027	0.026	0.02	0.016	0.013
0.156	1.875	0.045	0.032	0.032	0.032	0.031	0.024	0.019	0.016
0.167	2	0.053	0.037	0.037	0.037	0.036	0.028	0.022	0.019
0.177	2.125	-	-	0.043	0.043	0.042	0.032	0.026	0.022
0.188	2.25	-	-	0.05	0.05	0.049	0.037	0.03	0.025
0.198	2.375	-	-	0.057	0.057	0.056	0.043	0.034	0.029
0.208	2.5	-	-	0.065	0.065	0.064	0.049	0.039	0.033
0.219	2.625	-	-	-	0.073	0.072	0.055	0.044	0.037
0.229	2.75	-	-	-	0.083	0.081	0.062	0.05	0.041
0.24	2.875	-	-	-	0.092	0.09	0.069	0.055	0.046
0.25	3	-	-	-	0.103	0.101	0.077	0.062	0.051
0.26	3.125	-	-	-	-	-	-	0.068	0.057
0.271	3.25	-	-	-	-	-	-	0.075	0.063
0.281	3.375	-	-	-	-	-	-	0.083	0.069
0.292	3.5	-	-	-	-	-	-	0.091	0.075
0.302	3.625	-	-	-	-	-	-	0.099	0.082
0.313	3.75	-	-	-	-	-	-	0.108	0.09
0.323	3.875	-	-	-	-	-	-	0.117	0.097
0.333	4	-	-	-	-	-	-	0.126	0.105

* Calculations based on Thompson Formula $Q = 2.54 (H)^{5/2}$, [Q = flow in cubic feet per second, H = head in feet] (1) 12' molded length, (2) 8' molded length, (3) 6' molded length