

Maximum Chlorine Feed Rate — 100 PPD (2000 Grams/Hr.) See Note.

NOZZLE		Standard Nozzle No. 17A*		No. 3A		No. 4A		No. 5A		No. 18A	
EJECTOR BACK-PRESSURE		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate	
PSIG	kg/cm ²	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.
0	0	23 @ 7.4	1.62 @ 0.47	59 @ 3.6	4.15 @ 0.23	50 @ 5.1	3.52 @ 0.32	27 @ 5.1	1.90 @ 0.32	19 @ 9.1	1.34 @ 0.57
10	0.70	43 @ 10.0	3.02 @ 0.63	100 @ 4.7	7.03 @ 0.30	108 @ 7.8	7.59 @ 0.49	57 @ 8.4	4.01 @ 0.53	35 @ 11.2	2.46 @ 0.71
20	1.40	57 @ 12.1	4.01 @ 0.76	148 @ 5.8	10.40 @ 0.37	165 @ 9.7	11.60 @ 0.61	93 @ 10.8	6.54 @ 0.68	50 @ 13.8	3.52 @ 0.87
30	2.10	70 @ 13.5	4.92 @ 0.85	188 @ 6.5	13.22 @ 0.41	213 @ 11.3	14.97 @ 0.71	119 @ 12.8	8.37 @ 0.81	64 @ 15.7	4.50 @ 0.99
40	2.81	84 @ 15.5	5.91 @ 0.98	242 @ 7.3	17.01 @ 0.46	251 @ 12.4	17.65 @ 0.78	143 @ 14.0	10.05 @ 0.88	76 @ 17.2	5.34 @ 1.08
50	3.51	101 @ 17.3	7.10 @ 1.09	268 @ 7.9	18.84 @ 0.50	285 @ 13.0	20.04 @ 0.82	169 @ 15.1	11.88 @ 0.95	90 @ 19.6	6.33 @ 1.24
60	4.21	113 @ 18.9	7.94 @ 1.19	—	—	—	—	188 @ 16.1	13.22 @ 1.02	106 @ 21.3	7.45 @ 1.34
70	4.92	132 @ 20.6	9.28 @ 1.30	—	—	—	—	202 @ 16.7	14.20 @ 1.05	120 @ 23.2	8.44 @ 1.46
80	5.62	146 @ 21.8	10.26 @ 1.38	—	—	—	—	220 @ 17.4	15.47 @ 1.10	137 @ 24.7	9.63 @ 1.56
90	6.32	167 @ 23.0	11.74 @ 1.45	—	—	—	—	236 @ 18.2	16.59 @ 1.15	153 @ 26.4	10.76 @ 1.67
100	7.03	185 @ 24.0	13.01 @ 1.51	—	—	—	—	261 @ 19.3	18.35 @ 1.22	168 @ 27.6	11.81 @ 1.74
110	7.73	202 @ 25.0	14.20 @ 1.58	—	—	—	—	279 @ 19.9	19.61 @ 1.26	183 @ 28.7	12.86 @ 1.81
120	8.44	220 @ 26.1	15.47 @ 1.65	—	—	—	—	295 @ 20.5	20.74 @ 1.29	202 @ 30.1	14.20 @ 1.90
130	9.14	241 @ 27.1	16.94 @ 1.71	—	—	—	—	—	—	218 @ 31.3	15.33 @ 1.97
140	9.84	260 @ 28.2	18.28 @ 1.78	—	—	—	—	—	—	235 @ 32.5	16.52 @ 2.05
150	10.55	281 @ 29.0	19.75 @ 1.83	—	—	—	—	—	—	251 @ 33.4	17.65 @ 2.11
160	11.25	298 @ 29.9	20.95 @ 1.89	—	—	—	—	—	—	272 @ 33.7	19.12 @ 2.13

Maximum Chlorine Feed Rate — 200 PPD (4000 Grams/Hr.) See Note.

Maximum Chlorine Feed Rate — 250 PPD (4900 Grams/Hr.) See Note.

NOZZLE		Standard Nozzle No. 18A*		No. 17A		No. 50X		Standard Nozzle No. 18A*		No. 50X	
EJECTOR BACK-PRESSURE		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate		REQUIRED Ejector Supply Pressure and Water Flow Rate	
PSIG	kg/cm ²	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.	PSIG @ GPM	kg/cm ² @ l/sec.
0	0	26 @ 9.3	1.83 @ 0.59	27 @ 7.8	1.90 @ 0.49	22 @ 8.6	1.55 @ 0.54	50 @ 13.4	3.52 @ 0.85	27 @ 11.5	1.90 @ 0.73
10	0.70	51 @ 13.8	3.59 @ 0.87	58 @ 12.4	4.08 @ 0.78	34 @ 12.7	2.39 @ 0.80	70 @ 15.9	4.92 @ 1.00	37 @ 13.8	2.60 @ 0.87
20	1.40	67 @ 16.2	4.71 @ 1.02	80 @ 14.3	5.62 @ 0.90	47 @ 15.5	3.30 @ 0.98	92 @ 18.1	6.47 @ 1.14	49 @ 16.1	3.44 @ 1.02
30	2.10	83 @ 18.4	5.83 @ 1.16	96 @ 16.1	6.75 @ 1.02	67 @ 19.3	4.71 @ 1.22	103 @ 19.8	7.24 @ 1.25	68 @ 19.5	4.78 @ 1.23
40	2.81	97 @ 20.2	6.82 @ 0.27	107 @ 17.3	7.52 @ 1.09	88 @ 22.4	6.19 @ 1.41	118 @ 21.8	8.03 @ 1.38	89 @ 22.7	6.26 @ 1.43
50	3.51	110 @ 21.8	7.73 @ 1.38	123 @ 18.9	8.65 @ 1.19	109 @ 25.3	7.66 @ 1.60	130 @ 23.9	9.14 @ 1.51	109 @ 25.3	7.66 @ 1.60
60	4.21	124 @ 23.5	8.72 @ 1.48	138 @ 20.1	9.70 @ 1.27	130 @ 27.9	9.14 @ 1.76	143 @ 25.1	10.05 @ 1.58	130 @ 27.9	9.14 @ 1.76
70	4.92	135 @ 24.4	9.49 @ 1.54	147 @ 21.0	10.33 @ 1.32	148 @ 29.9	10.40 @ 1.89	158 @ 25.9	11.11 @ 1.63	148 @ 29.9	10.40 @ 1.89
80	5.62	147 @ 25.5	10.33 @ 1.61	163 @ 22.1	11.46 @ 1.39	169 @ 31.9	11.88 @ 2.01	172 @ 27.3	12.09 @ 1.72	169 @ 31.9	11.88 @ 2.01
90	6.32	160 @ 26.7	11.25 @ 1.68	176 @ 23.4	12.37 @ 1.48	192 @ 34.5	13.50 @ 2.18	183 @ 28.5	12.86 @ 1.80	192 @ 34.5	13.50 @ 2.18
100	7.03	173 @ 27.8	12.16 @ 1.75	193 @ 24.4	13.57 @ 1.54	210 @ 36.8	14.76 @ 2.32	195 @ 29.1	13.71 @ 1.84	210 @ 36.8	14.76 @ 2.32
110	7.73	190 @ 28.9	13.36 @ 1.82	209 @ 25.5	14.69 @ 1.61	228 @ 38.5	16.03 @ 2.43	211 @ 30.2	14.83 @ 1.91	228 @ 38.5	16.03 @ 2.43
120	8.44	207 @ 30.1	14.55 @ 1.90	228 @ 26.3	16.03 @ 1.66	—	—	214 @ 31.0	15.04 @ 1.96	—	—
130	9.14	222 @ 31.3	15.61 @ 1.97	245 @ 27.3	17.22 @ 1.72	—	—	238 @ 31.9	16.73 @ 2.01	—	—
140	9.84	239 @ 32.4	16.80 @ 2.04	267 @ 28.4	18.77 @ 1.79	—	—	253 @ 33.3	17.79 @ 2.10	—	—
150	10.55	255 @ 33.4	17.93 @ 2.11	288 @ 29.2	20.25 @ 1.84	—	—	272 @ 34.3	19.12 @ 2.16	—	—
160	11.25	275 @ 34.5	19.33 @ 2.18	306 @ 30.2	21.51 @ 1.91	—	—	288 @ 35.6	20.25 @ 2.25	—	—

Maximum Chlorine Feed Rate — 500 PPD (10 Kg./Hr.) See Note.

NOZZLE		Standard Nozzle No. 50X*	
EJECTOR BACKPRESSURE		REQUIRED Ejector Supply Pressure and Water Flow Rate	
PSIG	kg/cm ²	PSIG @ GPM	kg/cm ² @ l/sec.
0	0	72 @ 20.7	5.06 @ 1.31
10	0.70	89 @ 23.1	6.26 @ 1.46
20	1.40	97 @ 24.1	6.82 @ 1.52
30	2.10	105 @ 25.2	7.38 @ 1.59
40	2.81	113 @ 26.3	7.94 @ 1.66
50	3.51	125 @ 27.3	8.79 @ 1.72
60	4.21	138 @ 29.0	9.70 @ 1.83
70	4.92	155 @ 31.5	10.90 @ 1.99
80	5.62	173 @ 32.2	12.16 @ 2.03
90	6.32	192 @ 34.5	13.50 @ 2.18
100	7.03	210 @ 36.8	14.76 @ 2.32
110	7.73	228 @ 38.5	16.03 @ 2.43

*Standard Nozzle Supplied with Chlorinator for Indicated Maximum Feed Rate. NOTE: GPM is U.S. Gallons. Metric is liters per sec. (l/sec.)