

SUPERIOR HIGH CAPACITY EJECTOR NOZZLE REQUIREMENTS

1000 LBS./24 HRS. - 20 kg./hr.

EJECTOR BACKPRESSURE		<i>REQUIRED</i> WATER SUPPLY PRESSURE AND WATER FLOW RATE THROUGH NOZZLE											
		0.563" ORIFICE (STANDARD)				0.759" ORIFICE (OPTIONAL)							
PSIG	kg/cm ²	PSIG	@	GPM	kg/cm ²	@	I/SEC	PSIG	@	GPM	kg/cm ²	@	I/SEC
0	0.00	15	@	34.5	1.05	@	2.18	8	@	46.1	0.57	@	2.90
10	0.70	35	@	43.7	2.43	@	2.76	16	@	65.6	1.13	@	4.13
20	1.41	58	@	52.9	4.04	@	3.34	30	@	84.1	2.10	@	5.30
30	2.11	85	@	62.1	5.98	@	3.92	48	@	98.9	3.40	@	6.24
40	2.81	115	@	71.3	8.08	@	4.50	67	@	112.7	4.69	@	7.11
50	3.52	147	@	82.8	10.35	@	5.22	87	@	126.5	6.14	@	7.98
60	4.22							108	@	136.9	7.60	@	8.63
70	4.92							129	@	149.5	9.05	@	9.43

2000 LBS./24 HRS. - 40 kg./hr.

EJECTOR BACKPRESSURE		<i>REQUIRED</i> WATER SUPPLY PRESSURE AND WATER FLOW RATE THROUGH NOZZLE											
		0.750" ORIFICE (STANDARD)				0.563" ORIFICE (OPTIONAL)							
PSIG	kg/cm ²	PSIG	@	GPM	kg/cm ²	@	I/SEC	PSIG	@	GPM	kg/cm ²	@	I/SEC
0	0.00	41	@	104.7	2.91	@	6.60	41	@	48.3	2.91	@	3.05
10	0.70	48	@	108.1	3.40	@	6.82	78	@	62.1	5.50	@	3.92
20	1.41	58	@	110.4	4.04	@	6.96	102	@	71.3	7.20	@	4.50
30	2.11	68	@	117.3	4.77	@	7.40	124	@	77.1	8.73	@	4.86
40	2.81	81	@	126.5	5.66	@	7.98	146	@	81.7	10.27	@	5.15
50	3.52	97	@	134.6	6.79	@	8.49		@			@	
60	4.22	113	@	141.5	7.92	@	8.92		@			@	
70	4.92	130	@	154.1	9.14	@	9.72		@			@	