



1044 S.E. Dixie Cutoff Road
Stuart, Florida 34994-3436

APPLICATION / INSTALLATION DATA SHEET

EJECTOR NOZZLE REQUIREMENTS REGAL Series 2000 Gas Chlorinators

1000 LBS/24 HRS (20 kg/hr)

EJECTOR BACKPRESSURE		REQUIRED EJECTOR SUPPLY PRESSURE & WATER FLOW RATE			
		A-2920 EJECTOR - 0.563" (STD)		A-2922 EJECTOR - 0.750"	
PSIG	kg/cm ²	PSIG @ GPM	kg/cm ² @ 1/sec	PSIG @ GPM	kg/cm ² @ 1/sec
0	0.00	15 @ 34.5	1.05 @ 2.18	8 @ 46.0	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 @ 84.0	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		REQUIRED EJECTOR SUPPLY PRESSURE & WATER FLOW RATE			
		A-2922 EJECTOR - 0.750" (STD)		A-2920 EJECTOR - 0.563"	
PSIG	kg/cm ²	PSIG @ GPM	kg/cm ² @ 1/sec	PSIG @ GPM	kg/cm ² @ 1/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	-----	-----