

## Mazzei Model 878 Injector

Operating Pressure		Metric			
		Model 878		Model 878	
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	17.8	3.03	15.9	16.5
	0.07	16.7	2.33	15.5	3.3
	0.14	16.3	1.77	15.5	1.4
	0.21	15.9	1.26	15.5	0.9
	0.28	15.5	0.38	15.1	<0.5
Kg/cm2@0 Vac		15.1	(0.32)		
0.70	0.00	23.8	4.10	20.4	21.2
	0.14	22.7	2.90	20.4	5.2
	0.35	21.2	1.89	20.4	1.7
	0.49	20.8	1.07	20.4	0.5
	0.56	20.4	0.13	20.1	<0.5
Kg/cm2@0 Vac		20.1	(0.60)		
1.05	0.00	27.6	4.10	24.6	28.3
	0.35	26.5	3.15	24.6	4.7
	0.49	26.1	2.52	24.6	2.8
	0.70	25.4	1.70	24.6	0.9
	0.84	24.6	0.50	23.8	0.5
Kg/cm2@0 Vac		23.8	(0.92)		
1.41	0.00	31.0	3.97	28.4	35.4
	0.35	31.0	3.97	28.0	7.5
	0.70	29.9	2.84	28.0	2.8
	0.84	28.8	2.40	28.0	1.9
	1.05	28.4	0.63	27.6	0.9
Kg/cm2@0 Vac		27.6	(1.20)		
1.76	0.00	33.7	3.97	31.4	40.1
	0.35	33.7	3.97	31.0	11.8
	0.70	32.9	3.66	31.0	4.7
	1.05	32.2	2.52	30.7	2.4
	1.41	31.0	0.57	30.7	0.9
Kg/cm2@0 Vac		30.7	(1.48)		
2.11	0.00	36.7	3.78	34.8	42.5
	0.35	36.7	3.78	34.4	23.6
	0.70	36.7	3.78	34.4	9.4
	1.05	36.0	3.28	34.4	4.2
	1.41	34.8	1.89	34.4	1.4
Kg/cm2@0 Vac		34.1	(1.76)		
2.46	0.00	39.0	3.78	37.1	44.8
	0.35	39.0	3.78	37.1	28.3
	0.70	39.0	3.78	36.7	14.2
	1.05	39.0	3.78	36.7	5.7
	1.41	38.2	2.84	36.7	2.8
Kg/cm2@0 Vac		36.3	(2.11)		
2.81	0.00	40.9	3.78	39.7	47.2
	0.35	40.9	3.78	39.7	33.0
	0.70	40.9	3.78	39.7	16.5
	1.05	40.9	3.78	39.7	9.4
	1.41	40.9	3.78	39.7	4.7
Kg/cm2@0 Vac		38.6	(2.39)		
3.16	0.00	43.5	3.78	41.6	47.2
	0.35	43.5	3.78	41.6	37.7
	0.70	43.5	3.78	41.6	18.9
	1.05	43.5	3.78	41.6	11.8
	1.41	43.5	3.78	41.6	6.1
Kg/cm2@0 Vac		40.9	(2.75)		
3.52	0.00	45.4	3.78	43.9	49.5
	0.70	45.4	3.78	43.9	26.0
	1.05	45.4	3.78	43.9	13.2
	1.41	45.4	3.78	43.9	8.0
	1.76	45.0	3.78	43.9	5.7
Kg/cm2@0 Vac		43.1	(2.96)		

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		Model 878		Model 878	
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
4.22	0.00	49.2	3.79	47.7	49.5
	0.70	49.2	3.79	47.7	30.7
	1.41	49.2	3.79	47.3	9.4
	1.76	49.2	3.79	47.3	8.0
	2.11	49.2	3.79	47.3	5.7
	2.46	49.2	3.79	47.3	3.8
	2.81	48.8	3.28	47.3	2.4
	3.16	47.7	1.70	46.9	1.4
Kg/cm2@0 Vac		46.6	(3.59)		
4.92	0.00	53.0	3.79	51.5	51.9
	0.70	53.0	3.79	51.1	35.4
	1.41	53.0	3.79	51.1	10.4
	2.11	53.0	3.79	51.1	7.1
	2.46	53.0	3.79	51.1	5.2
	2.81	53.0	3.79	51.1	4.2
	3.16	52.2	3.60	51.1	3.3
	3.52	51.9	2.84	51.1	2.4
Kg/cm2@0 Vac		50.3	(4.23)		
5.62	0.00	56.4	3.79	55.3	54.3
	1.41	56.4	3.79	54.9	11.8
	2.11	56.4	3.79	54.9	8.0
	2.46	56.4	3.79	54.9	6.1
	2.81	56.4	3.79	54.9	4.7
	3.16	56.4	3.79	54.9	3.8
	3.52	56.0	3.79	54.9	2.8
	3.87	55.6	3.15	54.9	2.4
Kg/cm2@0 Vac		53.7	(4.72)		
6.33	0.00	59.8	3.79	58.7	56.6
	1.41	59.8	3.79	58.3	12.7
	2.11	59.8	3.79	58.3	9.0
	2.81	59.8	3.79	58.3	6.1
	3.16	59.8	3.79	58.3	4.7
	3.52	59.8	3.79	58.3	3.8
	3.87	59.8	3.79	58.3	3.3
	4.22	59.4	3.79	58.3	2.8
Kg/cm2@0 Vac		57.2	(5.35)		
7.03	0.00	62.8	3.79	62.1	56.6
	1.41	62.8	3.79	61.7	14.2
	2.11	62.8	3.79	61.7	7.1
	2.46	62.8	3.79	61.7	5.2
	2.81	62.8	3.79	61.7	3.8
	3.16	62.8	3.79	61.7	3.3
	3.52	62.5	3.60	61.7	2.8
	3.87	62.1	2.84	61.7	2.4
Kg/cm2@0 Vac		60.2	(6.06)		
8.44	0.00	68.1	3.79	67.8	59.0
	2.11	68.1	3.79	67.4	10.4
	2.46	68.1	3.79	67.4	5.7
	2.81	68.1	3.79	67.4	3.3
	3.16	67.8	3.15	67.4	2.4
	3.52	67.0	1.89	67.4	1.9
	3.87	66.6	0.88	66.6	1.4
	Kg/cm2@0 Vac		65.9	(7.32)	
9.84	0.00	73.8	3.79	73.1	59.0
	2.11	73.8	3.79	72.7	11.8
	2.46	73.8	3.79	72.7	7.5
	2.81	73.8	3.79	72.7	5.7
	3.16	73.8	3.79	72.7	4.7
	3.52	73.8	3.79	72.7	3.8
	3.87	73.4	3.79	72.7	2.8
	4.22	72.7	2.52	72.7	2.4
Kg/cm2@0 Vac		71.5	(8.59)		

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