

## Mazzei Model 978 Injector

Metric					
Operating Pressure		Model 978		Model 978	
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	16.5
	0.07			17.8	4.7
	0.14			17.4	2.4
	0.21			17.4	1.2
	0.28			17.0	<1
Kg/cm2@0 Vac					
0.70	0.00			23.1	23.6
	0.14			23.1	8.0
	0.35			23.1	2.4
	0.49			23.1	1.4
	0.56			22.7	0.5
Kg/cm2@0 Vac					
1.05	0.00			28.0	30.7
	0.35			28.0	6.1
	0.49			28.0	3.8
	0.70			28.0	1.9
	0.84			27.6	0.7
Kg/cm2@0 Vac					
1.41	0.00			31.8	35.4
	0.35			31.8	11.8
	0.70			31.8	3.8
	0.84			31.8	2.8
	1.05			31.4	1.4
Kg/cm2@0 Vac					
1.76	0.00			35.6	40.1
	0.35			35.6	21.2
	0.70			35.2	8.0
	1.05			35.2	2.8
	1.41			34.8	0.9
Kg/cm2@0 Vac					
2.11	0.00			38.6	42.5
	0.35			38.6	28.3
	0.70			38.2	11.8
	1.05			38.2	5.7
	1.41			38.2	2.4
1.76			37.9	0.5	
Kg/cm2@0 Vac					
2.46	0.00			41.3	44.8
	0.35			41.3	33.0
	0.70			41.3	18.9
	1.05			41.3	9.4
	1.41			41.3	4.7
1.76			40.9	2.4	
Kg/cm2@0 Vac					
2.81	0.00			44.7	47.2
	0.35			44.3	35.4
	0.70			44.3	21.2
	1.05			44.3	11.8
	1.41			44.3	6.1
1.76			44.3	3.3	
2.11			43.9	1.9	
Kg/cm2@0 Vac					
3.16	0.00			46.9	47.2
	0.35			46.6	42.5
	0.70			46.6	28.3
	1.05			46.6	16.5
	1.41			46.6	9.4
1.76			46.6	5.7	
2.11			46.6	3.3	
2.46			46.2	1.9	
Kg/cm2@0 Vac					
3.52	0.00			49.2	49.5
	0.70			49.2	33.0
	1.05			48.8	18.9
	1.41			48.8	11.8
	1.76			48.8	7.1
2.11			48.8	4.7	
2.46			48.8	2.8	
2.81			48.4	1.4	
Kg/cm2@0 Vac					

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Metric					
Operating Pressure		Model 978		Model 978	
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			54.1	49.5
	0.70			54.1	37.8
	1.41			54.1	14.2
	1.76			54.1	10.4
	2.11			53.7	7.1
	2.46			53.7	5.2
	2.81			53.7	3.3
3.16			53.4	2.4	
Kg/cm2@0 Vac					
4.92	0.00			57.9	51.9
	0.70			57.5	40.1
	1.41			57.5	16.5
	2.11			57.5	9.4
	2.46			57.5	7.1
	2.81			57.5	5.2
	3.16			57.5	3.8
3.52			57.5	2.8	
3.87			57.2	1.9	
Kg/cm2@0 Vac					
5.62	0.00			62.8	51.9
	1.41			62.5	17.5
	2.11			62.5	10.4
	2.46			62.5	8.0
	2.81			62.5	6.6
	3.16			62.5	5.2
	3.52			62.5	4.2
3.87			62.5	3.3	
4.22			62.5	2.4	
4.57			62.1	1.9	
Kg/cm2@0 Vac					
6.33	0.00			66.6	54.3
	1.41			66.2	18.9
	2.11			66.2	11.3
	2.81			66.2	7.6
	3.16			66.2	6.1
	3.52			66.2	5.2
	3.87			66.2	4.2
4.22			66.2	3.3	
4.57			66.2	2.8	
4.92			66.2	1.9	
5.27					
Kg/cm2@0 Vac					
7.03	0.00			70.4	54.3
	1.41			70.0	21.2
	2.81			70.0	9.4
	3.52			70.0	6.6
	4.22			70.0	4.7
	4.57			70.0	3.8
	4.92			70.0	3.3
5.27			70.0	2.8	
5.62			69.6	2.4	
Kg/cm2@0 Vac					
8.44	0.00			77.2	56.6
	2.81			76.8	12.7
	4.22			76.8	7.1
	5.62			76.8	4.2
	6.33			76.8	3.3
	6.68			76.8	2.4
	7.03			76.5	1.9
Kg/cm2@0 Vac					
9.84	0.00			87.1	56.6
	2.81			86.7	16.5
	4.22			86.7	9.9
	4.92			86.7	7.6
	5.62			86.7	6.1
	6.33			86.7	4.7
	7.03			86.7	3.8
7.73			86.7	2.8	
8.44			86.3	2.4	
Kg/cm2@0 Vac					