

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 283 1/2" Threads		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 384X 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 3/4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	0.64	0.20	1.10	0.33	2.69	0.65	2.69	0.74	4.50	0.92	4.50	1.48
	0.07		0.13		0.16		0.55		0.55		0.66		1.05
	0.14		0.07		0.11		0.47		0.25		0.42		0.75
	0.21				0.08		0.32				0.06		0.46
	0.28		(0.25)		(0.25)		(0.27)		(0.20)		(0.31)		(0.25)
0.70	0.00	0.91	0.30	1.21	0.39	3.79	0.97	3.79	1.11	6.40	1.18	6.40	1.88
	0.14		0.18		0.30		0.73		0.86		0.88		1.46
	0.35		0.08		0.12		0.48				0.38		0.75
	0.49				0.05		0.13				0.18		0.24
	0.56		(0.49)		(0.54)		(0.58)		(0.46)		(0.59)		(0.53)
1.05	0.00	1.06	0.34	1.59	0.43	4.66	0.84	4.66	1.75	7.83	1.18	7.83	2.44
	0.35		0.17		0.26		0.72		0.74		0.72		1.32
	0.49		0.11		0.18		0.53		0.26		0.52		0.99
	0.70				0.08		0.31				0.06		
	0.84		(0.74)		(0.81)		(0.91)		(0.68)		(0.88)		(0.68)
1.41	0.00	1.21	0.37	1.93	0.44	5.37	0.82	5.37	1.87	9.01	1.14	9.01	2.49
	0.35		0.23		0.38		0.83		1.08		0.99		1.74
	0.70		0.13		0.21		0.58		0.19		0.60		0.84
	0.84		0.04		0.12		0.40				0.49		0.53
	1.05		(1.06)		(1.13)		(1.16)		(0.87)		(1.20)		(0.93)
1.76	0.00	1.32	0.37	2.20	0.49	6.02	0.89	6.02	2.09	10.11	1.13	10.11	2.50
	0.35		0.30		0.44		0.90		1.41		1.09		2.03
	0.70		0.16		0.28		0.80		0.71		0.87		1.39
	1.05		0.04		0.15		0.42				0.47		0.63
	1.41		(1.30)		(1.37)		(1.44)		(1.06)		(1.52)		(1.16)
2.11	0.00	1.48	0.38	2.46	0.50	6.59	0.90	6.59	2.14	11.05	1.09	11.05	2.51
	0.35		0.37		0.50		0.91		1.56		1.08		2.41
	0.70		0.24		0.35		0.88		1.09		1.05		1.82
	1.05		0.15		0.23		0.68		0.44		0.71		1.07
	1.41		0.05		0.11		0.29				0.45		
1.76	(1.58)	(1.72)	(1.77)	(1.27)	(1.79)	(1.39)							
2.46	0.00	1.55	0.38	2.65	0.51	7.12	0.91	7.12	2.13	11.96	1.09	11.96	2.54
	0.35		0.38		0.50		0.91		1.83		1.10		2.48
	0.70		0.30		0.43		0.91		1.21		1.10		2.14
	1.05		0.21		0.32		0.87		0.68		1.10		1.53
	1.41		0.11		0.19		0.59				0.70		0.93
1.76	(1.83)	(1.90)	(2.01)	(1.46)	(2.07)	(1.65)							
2.81	0.00	1.63	0.38	2.84	0.51	7.61	0.89	7.61	2.14	12.76	1.08	12.76	2.57
	0.35		0.38		0.51		0.89		1.99		1.12		2.44
	0.70		0.35		0.47		0.88		1.52		1.12		2.43
	1.05		0.26		0.40		0.88		0.90		1.12		1.89
	1.41		0.16		0.27		0.80		0.22		0.96		1.31
1.76	0.08	0.17	0.47		0.72	0.41							
2.11	(2.07)	(2.18)	(2.25)	(1.60)	(2.34)	(1.84)							
3.16	0.00	1.74	0.38	3.07	0.51	8.06	0.87	8.06	2.14	13.55	1.09	13.55	2.61
	0.35		0.38		0.51		0.87		2.00		1.09		2.46
	0.70		0.37		0.51		0.87		1.94		1.10		2.39
	1.05		0.31		0.44		0.87		1.20		1.10		2.21
	1.41		0.21		0.35		0.87		0.70		1.05		1.70
1.76	0.17	0.25	0.77	0.09	0.87	1.15							
2.11	0.06	0.15	0.39		0.65								
2.46	(2.36)	(2.46)	(2.54)	(1.84)	(2.59)	(2.08)							
3.52	0.00	1.82	0.38	3.22	0.52	8.48	0.89	8.48	2.14	14.27	1.10	14.27	2.63
	0.35		0.38		0.52		0.89		2.07		1.10		2.55
	0.70		0.38		0.52		0.89		2.00		1.12		2.47
	1.05		0.36		0.50		0.89		1.60		1.12		2.36
	1.41		0.30		0.37		0.86		0.96		1.12		1.86
1.76	0.22	0.28	0.86	0.42	1.04	1.28							
2.11	0.13	0.19	0.64		0.80	0.52							
2.46	0.04	0.08	0.38		0.49								
2.81	(2.60)	(2.74)	(2.78)	(2.02)	(2.88)	(2.29)							

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 584		Model 684		Model 878-2		Model 885X-2		Model 1078-2		Model 1583	
		1/2" & 3/4" Threads		3/4" Threads		1" Threads		1" Threads		1" Threads		1.5" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	7.91	1.84	13.25	1.73	13.82	3.97	13.47	4.92	20.74	6.40	40.6	8.57
	0.07		1.82		1.28		2.28		3.95		2.93		5.33
	0.14		1.80		0.87		1.50		2.69		1.40		3.36
	0.21		1.60		0.42		0.46		0.98		0.17		
	0.28		(0.31)		0.63		(0.30)		0.35		(0.28)		0.11
0.70	0.00	11.20	1.78	18.77	1.72	19.57	5.92	19.08	7.31	29.30	6.67	57.4	13.87
	0.14		1.78		1.72		3.91		5.73		4.78		9.07
	0.35		1.73		1.17		2.30		2.82		2.64		4.97
	0.49		0.84		0.69		1.00		1.22		1.21		2.65
	0.56		(0.63)		0.69		(0.60)		0.38		(0.61)		0.23
1.05	0.00	13.70	1.78	22.97	1.65	23.96	5.51	23.35	8.54	35.88	6.39	70.3	14.21
	0.35		1.76		1.65		3.92		5.25		5.04		10.33
	0.49		1.77		1.58		2.87		3.66		4.08		7.85
	0.70		0.88		0.81		1.49		1.21		2.16		5.46
	0.84		(0.95)		0.70		(0.91)		0.44		(0.88)		0.45
1.41	0.00	15.82	1.57	26.53	1.59	27.67	5.23	26.99	8.95	41.45	6.20	81.2	14.39
	0.35		1.57		1.59		5.08		7.40		6.02		12.96
	0.70		1.50		1.59		3.07		3.64		4.42		9.06
	0.84		1.21		1.16		2.12		2.28		3.25		8.31
	1.05		(1.27)		0.92		(1.16)		0.66		(1.16)		1.33
1.76	0.00	17.68	1.59	29.67	1.57	30.92	5.19	30.17	9.00	46.33	6.05	90.8	14.31
	0.35		1.59		1.57		5.13		8.56		6.10		14.28
	0.70		1.59		1.57		4.62		6.09		5.64		12.23
	1.05		1.31		1.54		2.86		2.42		4.30		9.34
	1.41		(1.55)		0.77		(1.48)		0.33		(1.48)		1.27
2.11	0.00	19.38	1.60	32.48	1.55	33.88	5.04	33.04	9.09	50.76	5.95	99.5	14.29
	0.35		1.60		1.55		5.00		8.88		5.96		14.28
	0.70		1.57		1.55		4.86		7.90		5.96		13.35
	1.05		1.59		1.55		4.12		4.37		5.18		10.55
	1.41		1.15		0.93		2.23		0.91		3.50		7.92
1.76	(1.90)	0.73	(1.83)	0.43	(1.84)		(1.44)	(1.83)	(1.83)				
2.46	0.00	20.93	1.61	35.09	1.56	36.56	5.01	35.69	8.98	54.84	5.93	107.4	14.30
	0.35		1.61		1.55		5.01		8.94		5.93		14.29
	0.70		1.60		1.56		4.89		8.56		5.93		14.14
	1.05		1.59		1.56		4.70		6.73		5.80		12.98
	1.41		1.38		1.57		3.30		3.42		4.68		10.40
1.76	(2.22)	1.04	(2.07)	0.82	(2.12)	1.91	(1.69)	(2.11)	(2.11)				
2.81	0.00	22.37	1.62	37.51	1.57	39.10	4.89	38.15	8.89	58.63	5.88	114.8	14.34
	0.35		1.61		1.58		4.89		8.90		5.88		14.43
	0.70		1.62		1.59		4.89		8.77		5.88		14.33
	1.05		1.61		1.58		4.89		8.08		5.88		13.91
	1.41		1.59		1.58		4.64		5.71		5.79		12.17
1.76	1.35	1.56	3.19	2.33	4.56	9.68							
2.11	(2.50)	0.95	(2.46)	0.68	(2.42)	1.78	(1.90)	(2.42)	(2.42)				
3.16	0.00	23.73	1.63	39.78	1.58	41.48	5.02	40.46	8.89	62.19	5.86	121.8	14.38
	0.35		1.64		1.58		5.02		8.81		5.86		14.40
	0.70		1.64		1.58		5.02		8.78		5.86		14.38
	1.05		1.63		1.58		5.02		8.51		5.86		14.10
	1.41		1.62		1.58		4.97		7.07		5.92		13.40
1.76	1.49	1.59	4.23	4.70	5.48	11.03							
2.11	1.22	1.30	2.79	1.46	4.18	7.13							
2.46	(2.81)	0.85	(2.64)	0.53	(2.70)	1.39	(2.18)	(2.72)	(2.72)				
3.52	0.00	25.02	1.61	41.94	1.58	43.72	4.72	42.66	8.81	65.56	5.83	128.4	14.35
	0.35		1.61		1.58		4.72		8.86		5.83		14.35
	0.70		1.61		1.58		4.72		8.86		5.83		14.28
	1.05		1.61		1.58		4.72		8.77		5.83		14.23
	1.41		1.60		1.57		4.72		8.08		5.83		14.16
1.76	1.54	1.57	4.31	6.73	5.83	12.85							
2.11	1.36	1.08	3.54	3.72	5.45	10.88							
2.46	0.99	0.58	2.31	0.82	4.06	7.61							
2.81	(3.16)	0.18	(2.95)	0.42	(2.97)	0.60	(2.53)	(3.09)	(3.09)				

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 2083X 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	40.6	7.8	67.0	15.4	130	39.7	31.8	28.8	288	66.2	643	132.5
	0.07		4.7		6.5		39.7		10.0		56.8		94.6
	0.14		1.7		5.8		39.7				47.7		75.7
	0.21				3.4		13.5				28.8		53.0
	0.28		(0.25)						8.6		(0.10)		
0.70	0.00	57.4	15.2	94.7	17.0	183	39.7	49.6	35.4	409	91.2	810	177.9
	0.14		9.8		15.7		39.7		9.7		91.2		177.9
	0.35		2.7		6.5		29.5				54.9		117.3
	0.49				3.7		9.4				25.0		49.2
	0.56		(0.46)				0.9		(0.63)		1.9		(0.17)
1.05	0.00	70.3	16.5	116.0	17.1	224	39.8	60.9	42.4	500	90.5	950	177.9
	0.35		10.0		11.7		39.3				90.1		177.9
	0.49		5.5		9.7		36.4				65.9		143.8
	0.70				6.2		13.4				34.8		45.4
	0.84		(0.66)				2.4		(0.94)		4.8		(0.26)
1.41	0.00	81.2	19.5	134.0	16.8	259	39.8	71.5	47.8	579	89.3	1030	177.9
	0.35		14.6		16.8		39.8		14.9		89.3		177.9
	0.70		7.6		11.0		29.5				73.8		170.3
	0.84		2.5		9.0		18.8				50.0		113.6
	1.05		(0.89)				5.5		(1.23)		9.6		(0.40)
1.76	0.00	90.8	20.5	149.7	16.7	290	39.8	82.5	51.2	647	84.8	1162	177.9
	0.35		17.4		16.7		39.8		27.1		84.8		177.9
	0.70		12.9		14.5		39.5				85.5		177.9
	1.05		3.2		9.9		25.5				58.7		124.9
	1.41		(1.08)				3.5		(1.57)		8.5		(0.50)
2.11	0.00	99.5	20.4	164.0	16.6	317	39.8	87.4	53.6	708	82.5	1257	177.9
	0.35		18.9		16.5		39.8		49.2		82.5		177.9
	0.70		15.8		16.9		39.8				82.5		177.9
	1.05		8.7		12.6		32.3				81.0		162.8
	1.41				10.4		21.5				36.3		87.1
1.76	(1.36)		2.1	(1.83)	3.9	(0.62)		(1.79)		(1.83)	15.1		
2.46	0.00	107.4	20.6	177.2	18.0	343	39.8	92.4	53.8	765	81.4	1363	177.9
	0.35		20.1		18.0		39.8		42.3		81.4		177.9
	0.70		18.1		18.1		39.8		18.2		79.9		177.9
	1.05		12.9		15.9		39.5				79.9		177.9
	1.41		4.2		12.1		29.0				57.2		166.5
1.76	(1.58)		9.1	(2.04)	16.1	(0.73)		(2.07)		(2.14)	90.8		
2.81	0.00	114.8	20.5	189.4	18.1	366	39.8	99.9	56.6	818	79.1	1446	177.9
	0.35		20.3		18.0		39.8		58.0		79.1		177.9
	0.70		19.4		17.8		39.8		24.5		79.1		177.9
	1.05		16.2		17.6		39.8				79.1		177.9
	1.41		9.2		15.4		33.0				70.0		177.9
1.76		11.4	24.9		45.0	117.3							
2.11	(1.79)		7.3	(2.33)	10.7	(0.82)		(2.29)		(2.46)	56.8		
3.16	0.00	121.8	20.6	200.9	16.4	389	39.8	104.8	59.8	867	79.5	1522	177.9
	0.35		20.4		16.4		39.8		47.2		79.5		177.9
	0.70		20.1		16.4		39.8		30.6		79.5		177.9
	1.05		18.1		16.2		39.8				79.5		177.9
	1.41		13.3		16.2		38.3				75.7		177.9
1.76		6.7	14.3		60.6	177.9							
2.11			9.9		36.7	151.4							
2.46	(2.02)		4.6	(2.69)	9.4	(0.94)		(2.53)		(2.74)	60.6		
3.52	0.00	128.4	20.4	211.8	16.4	410	39.8	108.3	74.1	916	78.0	1575	177.9
	0.35		20.1		16.4		39.8		80.6		78.0		177.9
	0.70		19.9		16.4		39.8		36.5		78.0		177.9
	1.05		18.7		16.3		39.8				78.0		177.9
	1.41		15.9		16.2		39.8				78.0		177.9
1.76		9.9	15.9		75.3	177.9							
2.11		2.9	13.0		55.6	166.5							
2.46			8.7		31.4	102.2							
2.81	(2.28)		4.7	(2.88)	7.3	(2.92)		(3.03)		(3.03)	22.7		

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 283 1/2" Threads		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 384X 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 3/4" Threads		
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	
4.22	0.00	2.04	0.38	3.48	0.52	9.31	0.87	9.31	2.17	15.63	1.12	15.63	2.68	
	0.35		0.38		0.52		0.87		2.16		1.12		2.67	
	0.70		0.38		0.49		0.86		2.15		1.12		2.42	
	1.05		0.38		0.49		0.86		2.01		1.12		2.40	
	1.41		0.36		0.49		0.85		1.53		1.12		2.37	
	2.11		0.24		0.36		0.78		0.57		1.09		1.46	
	2.46		0.15		0.26		0.74		0.10		0.96		0.71	
	2.81		0.08		0.17		0.53				0.76			
	3.16		(3.20)		0.04		0.16		(2.49)		0.25		(2.70)	
4.92	0.00	2.20	0.38	3.75	0.52	10.03	0.77	10.03	2.22	16.88	1.14	16.88	2.67	
	0.35		0.38		0.52		0.77		2.26		1.14		2.68	
	0.70		0.38		0.52		0.77		2.19		1.08		2.49	
	1.05		0.38		0.52		0.77		2.08		1.08		2.35	
	1.41		0.38		0.52		0.77		1.94		1.08		2.25	
	2.11		0.33		0.47		0.77		1.13		1.08		1.98	
	2.81		0.18		0.30		0.75		0.22		1.03		1.03	
	3.16		0.12		0.22		0.69				0.85		0.57	
	3.52		0.06		0.11		0.47				0.72			
	3.87		(3.80)						(2.92)		0.09		(3.23)	
5.62	0.00	2.27	0.38	4.01	0.52	10.75	0.74	10.75	2.18	18.05	1.07	18.05	2.67	
	0.35		0.38		0.52		0.74		2.16		1.07		2.65	
	0.70		0.38		0.52		0.74		2.19		1.07		2.64	
	1.05		0.38		0.52		0.74		2.08		1.07		2.57	
	1.41		0.38		0.52		0.74		2.00		1.02		2.57	
	2.11		0.38		0.51		0.74		1.66		1.03		2.51	
	2.81		0.28		0.40		0.74		0.74		1.00		1.70	
	3.52		0.15		0.26		0.71				0.94		0.43	
	4.22				0.06		0.43				0.39			
	4.57		(4.25)				(4.43)		(4.35)		(3.32)		(4.64)	(3.65)
6.33	0.00	2.46	0.38	4.28	0.52	11.39	0.71	11.39	2.20	19.15	0.86	19.15	2.67	
	0.35		0.38		0.52		0.71		2.16		0.86		2.65	
	0.70		0.38		0.52		0.71		2.17		0.86		2.57	
	1.41		0.38		0.52		0.71		2.08		0.86		2.57	
	2.11		0.38		0.52		0.71		1.87		0.86		2.49	
	2.81		0.38		0.50		0.71		1.17		0.86		2.11	
	3.52		0.22		0.36		0.71		0.31		0.86		1.66	
	4.22		0.10		0.22		0.69				0.84			
	4.92				0.01		0.30				0.27			
	5.27		(4.78)				(4.99)		(4.99)		(3.73)		(5.20)	(4.13)
7.03	0.00	2.61	0.38	4.50	0.49	12.00	0.69	12.00	2.12	20.17	0.84	20.17	2.68	
	0.35		0.38		0.49		0.69		2.09		0.84		2.65	
	0.70		0.38		0.49		0.69		2.06		0.84		2.57	
	1.41		0.38		0.49		0.69		2.01		0.84		2.50	
	2.11		0.38		0.49		0.69		2.00		0.84		2.57	
	2.81		0.38		0.47		0.69		1.85		0.84		2.21	
	3.52		0.32		0.45		0.69		0.77		0.83		1.71	
	4.22		0.19		0.33		0.69				0.84		0.96	
	4.92		0.08		0.19		0.66				0.81			
	5.62		(5.34)				(5.55)		(5.55)		(4.15)		(5.83)	(4.60)
8.44	0.00	2.88	0.38	5.00	0.40	13.13	0.68	13.13	2.14	22.10	0.78	22.10	2.89	
	0.35		0.38		0.40		0.68		2.12		0.78		2.77	
	0.70		0.38		0.40		0.68		2.09		0.78		2.73	
	1.41		0.38		0.40		0.68		2.00		0.78		2.65	
	2.11		0.38		0.40		0.68		1.93		0.78		2.54	
	2.81		0.38		0.40		0.68		1.93		0.77		2.32	
	3.52		0.35		0.38		0.68		1.59		0.77		2.02	
	4.22		0.33		0.37		0.68		0.88		0.77		1.57	
	4.92		0.25		0.30		0.68		0.13		0.77		1.29	
	5.62		0.15		0.23		0.68				0.77			
6.33	0.06	0.09	0.54		0.74									
7.03	(6.54)		(6.68)	(6.81)	(5.01)	(7.01)	(5.62)							

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 584		Model 684		Model 878-2		Model 885X-2		Model 1078-2		Model 1583						
		1/2" & 3/4" Threads		3/4" Threads		1" Threads		1" Threads		1" Threads		1.5" Threads						
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.					
4.22	0.00	27.40	1.67	45.95	1.59	47.88	4.57	46.71	8.88	71.80	5.85	140.7	14.49					
	0.35		1.67		1.58		4.57		8.88		5.85		14.44					
	0.70		1.67		1.60		4.57		8.89		5.85		14.45					
	1.05		1.67		1.60		4.57		8.89		5.85		14.32					
	1.41		1.65		1.59		4.57		8.74		5.85		14.37					
	2.11		1.60		1.59		4.49		6.95		5.87		13.03					
	2.46		1.50		1.59		4.00		4.62		5.79		11.50					
	2.81		1.27		0.85		2.62		2.10		4.87		9.33					
	3.16		(3.76)		0.91		(3.52)		0.45		(3.60)		1.03	(3.02)	(3.59)	2.80	(3.47)	5.18
	4.92		0.00		29.60		1.63		49.62		1.60		51.74	4.65	50.45	8.90	77.55	5.89
0.35		1.63	1.60	4.65		8.90	5.89	14.43										
0.70		1.64	1.61	4.65		8.86	5.89	14.43										
1.05		1.64	1.60	4.65		8.86	5.89	14.43										
1.41		1.63	1.61	4.65		8.87	5.89	14.43										
2.11		1.62	1.61	4.65		8.55	5.90	14.24										
2.81		1.62	1.61	4.26		5.53	5.83	12.53										
3.16		1.47	1.31	2.96		2.81	5.16	10.07										
3.52		1.06	0.67	1.94			3.44	7.85										
3.87		(4.43)	0.57	(4.10)		0.44	(4.10)	0.81		(3.59)	(4.14)	1.82		(3.99)		2.73		
5.62	0.00	31.64	1.65	53.07	1.61	55.30	4.68	53.94	8.82	82.89	5.92	162.4	14.61					
	0.35		1.65		1.61		4.68		8.82		5.92		14.61					
	0.70		1.65		1.61		4.68		8.88		5.92		14.61					
	1.05		1.65		1.62		4.68		8.82		5.92		14.61					
	1.41		1.66		1.62		4.68		8.88		5.92		14.61					
	2.11		1.66		1.62		4.68		8.80		5.92		14.61					
	2.81		1.66		1.62		4.65		7.83		5.98		13.91					
	3.52		1.58		1.62		3.59		3.79		5.77		11.19					
	4.22		1.08		0.99		1.63				3.34		5.88					
	4.57		(5.10)		0.50		(4.71)		0.32		(4.75)		0.50	(4.01)	(4.82)	2.08	(4.57)	0.76
6.33	0.00	33.57	1.71	56.28	1.63	58.67	4.68	57.23	8.92	87.93	5.96	172.3	14.47					
	0.35		1.71		1.63		4.68		8.82		5.96		14.47					
	0.70		1.71		1.62		4.68		8.92		5.96		14.47					
	1.41		1.73		1.63		4.68		8.82		5.96		14.47					
	2.11		1.72		1.63		4.68		8.85		5.96		14.47					
	2.81		1.72		1.63		4.68		8.63		6.03		14.45					
	3.52		1.72		1.63		4.42		6.52		5.95		13.74					
	4.22		1.54		1.63		3.02		2.19		5.34		11.22					
	4.92		0.84		1.62		1.15				2.50		3.10					
	5.27		(5.66)		0.33		(5.34)		0.84		(5.32)		0.05	(4.64)	(5.41)	1.30	(5.14)	
7.03	0.00	35.39	1.81	59.31	1.48	61.85	4.82	60.30	8.90	92.69	5.94	181.6	14.64					
	0.35		1.81		1.53		4.82		8.92		5.94		14.64					
	0.70		1.81		1.53		4.82		8.90		5.94		14.64					
	1.41		1.84		1.51		4.82		8.92		5.94		14.64					
	2.11		1.83		1.51		4.82		8.85		5.94		14.64					
	2.81		1.82		1.51		4.82		8.81		5.94		14.64					
	3.52		1.82		1.51		4.70		8.26		5.93		14.41					
	4.22		1.79		1.51		4.28		5.53		5.99		13.01					
	4.92		1.47		1.52		2.82		2.06		5.13		9.25					
	5.62		(6.33)		1.06		(5.98)		1.36		(5.94)		0.82	(5.13)	(6.05)	1.93	(5.72)	1.62
8.44	0.00	38.76	2.03	64.99	1.55	67.71	4.75	66.05	8.87	101.6	5.96							
	0.35		2.03		1.58		4.75		8.88		5.96							
	0.70		2.03		1.56		4.75		8.87		5.96							
	1.41		2.03		1.55		4.75		8.88		5.96							
	2.11		2.03		1.56		4.75		8.87		5.96							
	2.81		2.01		1.55		4.75		8.88		5.96							
	3.52		2.01		1.54		4.75		8.87		5.96							
	4.22		2.00		1.56		4.75		8.88		5.96							
	4.92		2.00		1.55		4.43		5.34		5.96							
	5.62		1.80		1.37		3.86		1.77		5.73							
6.33	1.08	1.23	2.18		3.86													
7.03	(7.52)	0.69	(7.17)	1.14	(7.14)	0.54	(5.98)	(7.17)	1.41	(6.92)								

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 2083X 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
4.22	0.00	140.7	20.2	232.0	17.4	449	39.8	119.2	85.2	1003	78.3	1741	177.9
	0.35		20.1		17.4		39.8		86.0		78.3		177.9
	0.70		20.0		17.4		39.8		53.7		78.3		177.9
	1.05		19.4		17.4		39.8		32.8		78.3		177.9
	1.41		18.2		17.4		39.8				78.3		177.9
	2.11		11.0		17.1		37.9				78.0		177.9
	2.46		4.8		16.4		32.1				71.2		174.1
	2.81				13.4		24.0				48.1		159.0
	3.16		(2.69)		7.4		13.7		(1.26)		21.6		(3.59)
4.92	0.00	151.9	20.0	250.6	17.5	485	39.8	127.9	90.2	1083	77.6	1874	174.1
	0.35		20.0		17.5		39.8		95.2		77.6		174.1
	0.70		20.0		17.5		39.8		79.6		77.6		174.1
	1.05		19.7		17.5		39.8		45.4		77.6		174.1
	1.41		19.0		17.5		39.8		27.7		77.6		174.1
	2.11		16.4		17.3		39.8				77.6		174.1
	2.81		4.3		16.6		33.4				76.1		174.1
	3.16				13.2		27.8				69.3		174.1
	3.52				9.5		20.6				45.4		117.3
3.87	(3.14)	3.7	9.0	(4.11)	25.4	(4.25)	60.6						
5.62	0.00	162.4	20.3	267.9	17.4	518	39.8	131.7	91.7	1158	77.6	2014	170.3
	0.35		20.3		17.4		39.8		95.8		77.6		170.3
	0.70		20.3		17.4		39.8		88.1		77.6		170.3
	1.05		20.3		17.4		39.8		52.1		77.6		170.3
	1.41		19.6		17.4		39.8		36.3		77.6		170.3
	2.11		18.1		17.4		39.8				77.6		170.3
	2.81		13.2		17.2		38.1				77.6		170.3
	3.52				14.5		31.9				73.1		170.3
	4.22				5.8		17.0				37.5		113.6
4.57	(3.59)	3.2	3.8	(4.68)	18.9	(4.89)	53.0						
6.33	0.00	172.3	19.5	284.1	17.3	550	39.8	138.5	93.8	1226	77.6	2154	159.0
	0.35		19.5		17.3		39.8		96.3		77.6		159.0
	0.70		19.5		17.3		39.8		93.5		77.6		159.0
	1.41		19.1		17.3		39.8		68.5		77.6		159.0
	2.11		18.7		17.3		39.8		40.3		77.6		159.0
	2.81		17.1		17.3		39.8				77.6		159.0
	3.52		6.7		17.2		38.0				77.6		151.4
	4.22				13.1		28.9				68.9		147.6
	4.92				3.9		11.3				29.5		106.0
5.27	(4.04)			(5.31)		(5.56)	53.0						
7.03	0.00	181.6	19.2	299.5	17.4	579	39.8	148.8	91.3	1294	77.6	2271	159.0
	0.35		19.2		17.4		39.8		96.2		77.6		159.0
	0.70		19.2		17.4		39.8		91.5		77.6		159.0
	1.41		18.9		17.4		39.8		63.7		77.6		159.0
	2.11		17.8		17.4		39.8		55.9		77.6		159.0
	2.81		17.3		17.4		39.8				77.6		159.0
	3.52		12.2		17.3		39.2				77.6		159.0
	4.22		0.9		16.8		37.5				77.2		159.0
	4.92				11.3		26.0				59.4		147.6
5.62	(4.44)	3.9	7.6	(5.84)	23.8	(6.23)	56.8						
8.44	0.00	198.9		328.1	17.0	598	39.8	163.5	91.9				
	0.35				17.0		39.8						
	0.70				17.0		39.8						
	1.41				17.0		39.8						
	2.11				17.0		39.8						
	2.81				17.0		39.8						
	3.52				17.0		39.8						
	4.22				17.0		38.6						
	4.92				17.0		37.5						
5.62		14.3	33.0										
6.33		6.7	19.5										
7.03	(5.29)			(6.88)		(7.09)		(2.57)					

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 3/4" Threads		Model 584 1/2" & 3/4" Threads		Model 684 3/4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	1.10	0.24	2.54	0.28	4.31	2.61	4.31	3.70	7.57	4.16	12.72	4.29
	0.07		0.09		0.94		1.30		1.54		2.70		
	0.14				0.17		0.32		0.60		1.45		
	0.21				0.06		0.23		0.34		0.48		
	0.28		(0.25)		(0.27)		0.03		(0.25)		0.15		(0.30)
0.70	0.00	1.17	0.47	3.60	1.67	6.13	4.55	6.13	6.19	10.71	6.90	17.98	6.26
	0.14		0.24		0.74		1.85		2.79		4.42		
	0.35				0.16		0.34		0.54		1.71		
	0.49						0.16		0.18		0.71		
	0.56		(0.54)		(0.58)		0.06		(0.53)		0.24		(0.60)
1.05	0.00	1.55	0.94	4.39	3.13	7.49	5.96	7.49	8.37	13.13	8.22	22.03	7.31
	0.35		0.24		0.52		1.09		1.32		3.40		
	0.49				0.29		0.62		0.72		2.09		
	0.70						0.29				1.01		
	0.84		(0.81)		(0.91)		0.12		(0.68)		0.23		(0.91)
1.41	0.00	1.89	1.42	5.07	4.18	8.67	6.94	8.67	10.14	15.18	9.70	25.44	11.14
	0.35		0.24		1.06		2.24		2.55		7.09		
	0.70				0.30		0.60		0.70		2.69		
	0.84						0.40		0.47		1.81		
	1.05		(1.13)		(1.16)		0.22		(0.93)		0.42		(1.16)
1.76	0.00	2.16	1.65	5.64	4.51	9.69	7.44	9.69	11.71	16.96	10.94	28.43	13.02
	0.35		0.24		1.42		2.88		4.00		9.29		
	0.70				0.54		0.97		0.98		3.90		
	1.05						0.34		0.61		1.76		
	1.41		(1.37)		(1.44)		0.17		(1.16)		0.35		(1.48)
2.11	0.00	2.38	1.65	6.21	4.72	10.60	7.83	10.60	12.95	18.58	12.32	31.15	14.37
	0.35		0.24		1.72		4.28		4.94		11.19		
	0.70				0.71		1.84		1.58		5.62		
	1.05				0.36		0.80		0.88		2.83		
	1.41		(1.72)		(1.77)		0.32		(1.39)		0.87		(1.83)
2.46	0.00	2.61	1.89	6.70	4.90	11.43	8.28	11.43	14.44	20.06	13.42	33.65	15.60
	0.35		0.24		1.80		5.59		6.73		12.24		
	0.70				0.85		2.58		2.25		7.73		
	1.05				0.48		1.23		1.12		4.18		
	1.41		(1.90)		(2.01)		0.64		(1.65)		0.87		(2.07)
2.81	0.00	2.80	2.12	7.15	5.05	12.23	8.58	12.23	15.55	21.46	14.52	35.96	16.56
	0.35		0.47		2.19		5.99		8.01		12.84		
	0.70		0.24		1.08		3.53		3.46		9.91		
	1.05				0.62		1.72		1.51		5.56		
	1.41		(2.18)		(2.25)		0.88		(1.84)		1.13		(2.46)
3.16	0.00	2.99	2.12	7.61	5.48	12.98	9.10	12.98	15.58	22.75	14.92	38.15	17.45
	0.35		0.94		2.60		6.47		9.41		14.12		
	0.70		0.24		1.35		3.96		4.24		11.15		
	1.05				0.79		2.11		1.98		7.30		
	1.41		(2.46)		(2.54)		0.49		(2.08)		1.21		(2.64)
3.52	0.00	3.14	2.12	7.99	5.91	13.66	9.81	13.66	16.00	24.00	15.65	40.20	19.84
	0.35		1.18		2.91		7.22		11.11		15.58		
	0.70		0.24		1.64		4.27		5.50		13.43		
	1.05				0.94		2.41		2.56		9.22		
	1.41		(2.74)		(2.78)		0.60		(2.29)		1.60		(2.95)

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 784 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 978-2 1" Threads		Model 1078-2 1" Threads		Model 1583 1.5" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	16.31	5.54	13.25	7.07	12.94	8.67	15.37	8.76	19.87	11.49	38.9	18.64
	0.07		4.66		2.56		4.29		2.43		3.02		8.09
	0.14		2.26		0.73		0.70		0.86		1.29		1.87
	0.21		1.02		0.19				0.43		0.71		0.98
	0.28		(0.32)		0.47		(0.28)				(0.27)		0.19
0.70	0.00	23.09	9.15	18.74	16.02	18.28	12.71	21.76	14.15	28.08	18.95	55.0	40.27
	0.14		7.40		4.05		7.18		5.29		7.64		12.24
	0.35		2.70		1.35		0.87		1.47		1.96		3.93
	0.49		0.95		0.42				0.61		0.74		1.98
	0.56		(0.63)		0.44		(0.61)		0.29		(0.53)		0.40
1.05	0.00	28.27	13.64	22.94	17.02	22.41	18.12	26.65	17.93	34.41	22.94	67.4	54.23
	0.35		7.80		3.52		3.74		4.18		6.19		10.26
	0.49		4.15		1.81		1.62		2.66		3.71		6.57
	0.70		1.95		0.35				1.17		1.60		2.95
	0.84		(0.91)		0.91		(0.88)				(0.84)		0.61
1.41	0.00	32.66	15.95	26.50	20.91	25.85	22.25	30.77	20.83	39.74	25.96	77.8	62.86
	0.35		10.05		5.94		6.41		6.89		10.46		16.82
	0.70		3.81		2.05		1.71		2.87		4.05		7.01
	0.84		2.35		1.29				1.91		2.67		4.44
	1.05		(1.23)		1.15		(1.16)		0.83		(0.98)		1.01
1.76	0.00	36.53	18.92	29.64	21.14	28.92	27.00	34.41	22.68	44.44	28.76	87.0	65.83
	0.35		13.76		8.23		13.19		8.83		15.72		23.03
	0.70		6.62		3.21		3.38		4.10		6.77		11.10
	1.05		1.58		1.62		1.33		2.19		3.55		5.58
	1.41		(1.57)		0.58		(1.48)		0.58		(1.46)		0.82
2.11	0.00	40.01	22.77	32.48	24.10	31.68	31.59	37.66	23.50	48.68	33.33	95.3	74.72
	0.35		15.37		12.33		21.85		12.57		21.92		26.75
	0.70		9.60		5.38		5.82		5.96		9.68		14.57
	1.05		4.54		3.02		2.63		3.40		5.30		7.71
	1.41		2.00		1.41		0.99		1.81		2.89		4.22
1.76	(1.86)	0.99	(1.84)	0.99	(1.86)	0.69	(1.83)		(1.83)	1.14	(1.83)	3.13	
2.46	0.00	43.19	21.93	35.05	24.50	34.22	41.28	40.69	22.76	52.57	34.94	103.0	76.19
	0.35		17.98		16.22		12.97		13.77		24.97		32.27
	0.70		14.06		6.65		7.57		7.68		11.67		17.11
	1.05		7.19		4.10		3.76		5.20		6.46		10.40
	1.41		3.89		2.26		2.05		3.24		4.27		6.40
1.76	(2.18)	1.93	(2.12)	1.57	(2.13)	1.56	(2.11)		(2.11)	2.59	(2.07)	4.86	
2.81	0.00	46.18	25.00	37.47	26.36	36.56	38.17	43.49	24.57	56.21	37.70	110.1	81.86
	0.35		21.18		19.19		18.52		18.27		27.35		37.39
	0.70		16.93		8.31		10.06		9.57		14.84		20.50
	1.05		9.67		5.51		5.32		6.23		8.93		13.42
	1.41		5.43		3.15		3.25		4.08		6.17		8.91
1.76	3.35	2.29	2.13	2.61	3.81	5.79							
2.11	(2.39)	1.50	(2.42)	1.18	(1.90)	1.57	(2.41)		(2.42)	2.08	(2.35)	4.58	
3.16	0.00	48.98	26.66	39.74	31.59	38.80	36.43	46.14	25.90	59.61	40.57	116.8	91.74
	0.35		22.74		19.91		22.99		20.07		29.66		46.01
	0.70		18.20		9.81		12.85		11.08		18.11		24.20
	1.05		13.73		6.04		6.94		7.64		10.99		16.04
	1.41		7.06		4.24		4.32		5.27		7.45		11.07
1.76	4.49	2.44	3.08	3.43	5.34	7.67							
2.11	2.85	1.97	1.67	2.29	3.33	6.13							
2.46	(2.67)	1.21	(2.70)	1.03	(2.18)	1.34	(2.72)		(2.72)	2.14	(2.64)	4.33	
3.52	0.00	51.63	27.45	41.90	30.64	40.88	39.59	48.64	28.87	62.83	41.41	123.1	92.10
	0.35		24.53		23.02		23.43		22.82		31.36		51.66
	0.70		20.34		11.26		15.22		12.75		19.99		27.89
	1.05		16.88		7.64		8.39		9.12		12.13		19.56
	1.41		9.61		4.90		5.33		6.49		7.64		13.32
1.76	6.44	3.96	3.58	4.73	6.02	8.93							
2.11	4.38	2.19	2.30	3.22	4.10	6.59							
2.46	2.84	2.07		2.17	2.50	4.63							
2.81	(3.01)	1.32	(2.97)	0.53	(2.53)	1.19	(2.96)		(3.09)	1.48	(2.95)	3.18	

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		Model 1584 1.5" Threads		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	68.3	22.18	38.9	26.62	64.2	31.12	125		276		496	566.4
	0.07		18.88		5.67		10.32						543.5
	0.14		15.01		3.27		7.40						493.6
	0.21		9.71				4.11						444.1
	0.28		5.04										291.7
0.70	0.00	96.6	46.26	55.0	30.67	90.8	60.30	174	199	390	338.3	704	863.8
	0.14		34.18		9.46		28.85		108		299.9		616.0
	0.35		17.51		5.52		10.24		29		179.0		446.0
	0.49		9.71				4.60		23		138.2		409.8
	0.56		5.98				2.38		16		14.2		341.8
1.05	0.00	118.3	67.97	67.4	55.35	111.2	72.60	216	247	481	464.9	859	1111.6
	0.35		33.86		8.85		20.13		71		316.3		613.7
	0.49		21.58		5.52		12.64		38		199.4		527.6
	0.70		11.27		0.10		6.48		30		123.9		301.3
	0.84		4.42				4.28		19		56.6		183.4
1.41	0.00	136.6	80.24	77.8	61.73	128.4	81.69	250	286	553	537.4	995	1073.0
	0.35		48.21		14.69		30.33		115		401.5		742.8
	0.70		19.39		6.01		12.06		42		184.4		380.3
	0.84		14.70		3.03		8.87		37		139.7		330.8
	1.05		5.98				5.67		29		101.2		251.3
1.76	0.00	152.7	87.32	87.0	68.65	143.5	92.31	276	316	621	585.8	1113	1127.7
	0.35		60.86		22.94		42.98		172		472.8		798.1
	0.70		31.02		9.58		20.51		65		255.3		550.3
	1.05		15.64		3.81		9.01		41		148.0		299.1
	1.41		5.67				4.63		25				
2.11	0.00	167.3	91.57	95.3	79.89	157.2	108.79	303	346	678	649.2	1219	1210.4
	0.35		72.10		28.71		54.08		221		537.4		842.2
	0.70		46.92		12.13		25.87		100		321.0		597.8
	1.05		25.66		6.98		14.17		50		182.0		434.7
	1.41		13.45		0.10		8.25		42		119.2		296.8
2.46	0.00	180.7	97.23	103.0	82.87	169.8	108.89	329	377	734	683.9	1313	1295.9
	0.35		81.87		36.90		67.80		264		587.4		1063.7
	0.70		58.25		16.15		33.45		135		352.7		847.3
	1.05		34.18		9.72		19.65		66		213.0		568.4
	1.41		18.77		4.97		12.76		51		141.2		371.6
2.81	0.00	193.1	100.06	110.1	83.57	181.6	120.36	352	403	783	641.6	1404	1349.2
	0.35		89.07		41.27		89.55		299		586.2		1143.6
	0.70		69.77		21.38		40.98		162		374.8		894.3
	1.05		46.60		11.76		24.75		94		251.1		618.2
	1.41		28.18		7.87		17.09		59		166.1		439.2
3.16	0.00	204.8	104.78	116.8	108.50	192.6	126.18	371	424	829	702.1	1491	1469.8
	0.35		93.23		49.75		98.12		329		661.3		1236.5
	0.70		74.44		24.15		43.03		204		480.0		1050.7
	1.05		52.40		15.36		27.79		122		354.0		761.0
	1.41		34.81		10.20		18.85		68		224.3		561.6
3.52	0.00	215.9	106.67	123.1	96.15	203.0	127.12	394	450	874	730.8	1571	1482.3
	0.35		98.13		61.16		104.80		359		668.4		1387.7
	0.70		82.89		26.76		52.63		245		551.0		1231.9
	1.05		62.83		18.00		33.35		152		371.6		874.0
	1.41		45.64		12.95		24.42		92		258.8		629.6
3.52	1.76	(2.99)	32.28	(2.28)	8.29	(2.88)	17.65	(2.92)	66	(2.85)	201.1	(3.03)	504.9
	2.11		22.21		3.01		10.74		59		144.2		389.4
	2.46		15.02				9.27		52		106.5		285.5
	2.81		8.78				6.80		35				212.4

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 3/4" Threads		Model 584 1/2" & 3/4" Threads		Model 684 3/4" Threads			
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.		
4.22	0.00	3.44	2.83	8.78	6.37	14.99	9.53	14.99	17.29	26.27	17.11	44.06	20.20		
	0.35		0.50		3.76		8.04		14.32		12.61		16.52		
	0.70		2.07		5.56		7.73		9.95		14.88				
	1.05		1.33		3.61		4.81		6.44		13.02				
	1.41		0.86		2.42		2.49		4.74		8.12				
	2.11		0.46		1.17		1.31		2.70		4.43				
	2.46		0.27		0.77		1.01		2.05		3.21				
	2.81				0.60				1.35		2.49				
	3.16		(3.30)		(3.33)		(3.57)		(2.70)		(3.76)		0.97	(3.52)	1.53
	4.92		0.00		3.71		3.30		9.46		6.84		16.20	9.78	16.20
0.35		0.70	4.54	8.75		14.92	13.60	18.69							
0.70		2.62	6.89	9.89		11.14	16.60								
1.05		1.73	4.79	7.17		8.12	14.86								
1.41		1.14	3.32	3.58		6.05	12.79								
2.11		0.63	1.86	1.76		3.82	6.44								
2.81		0.41	1.06	1.14		2.21	3.85								
3.16			0.77	0.85		1.81	2.81								
3.52			0.49			1.28	2.11								
3.87		(3.87)	(3.84)	(4.11)		(3.23)	(4.43)	0.83		(4.10)	1.34				
5.62	0.00	3.97	3.30	10.11	7.53	17.30	10.10	17.30	19.02	30.32	17.94	50.87	20.26		
	0.35		0.50		5.32		9.45		18.05		14.67		19.76		
	0.70		3.16		7.57		13.61		12.40		17.31				
	1.05		2.25		5.57		8.64		10.36		16.28				
	1.41		1.57		4.03		4.75		7.56		15.19				
	2.11		0.88		2.40		2.40		4.93		8.05				
	2.81		0.58		1.42		1.49		3.36		5.16				
	3.52		0.41		0.79		1.01		2.20		3.13				
	4.22				0.44				1.27		2.04				
	4.57		(4.43)		(4.35)		(4.64)		(3.65)		(5.10)		0.83	(4.71)	1.45
6.33	0.00	4.20	3.30	10.75	8.12	18.36	10.36	18.36	20.12	32.17	18.21	53.94	20.37		
	0.35		0.50		6.08		9.62		18.76		15.47		20.00		
	0.70		3.70		8.33		13.64		15.54		18.62				
	1.41		1.95		4.84		7.55		9.34		16.23				
	2.11		1.09		2.93		3.40		6.12		11.67				
	2.81		0.73		2.06		2.14		4.17		7.00				
	3.52		0.52		1.29		1.39		2.77		4.79				
	4.22		0.39		0.75				1.83		3.38				
	4.92				0.42				1.08		1.99				
	5.27		(4.99)		(4.99)		(5.20)		(4.13)		(5.66)		0.84	(5.34)	1.41
7.03	0.00	4.43	3.30	11.32	8.43	19.34	10.38	19.34	20.96	33.91	18.55	56.85	20.60		
	0.35		0.50		6.57		9.88		20.15		16.64		20.39		
	0.70		4.22		8.94		17.28		14.35		19.86				
	1.41		2.23		5.77		8.85		10.92		18.03				
	2.11		1.29		3.60		4.88		6.81		15.58				
	2.81		0.92		2.60		2.86		5.20		8.53				
	3.52		0.67		1.67		1.88		3.63		6.19				
	4.22		0.51		1.01		1.29		2.48		4.49				
	4.92		0.37						1.60		3.14				
	5.62		(5.55)		(5.55)		(5.83)		(4.60)		(6.33)		0.96	(5.98)	1.86
8.44	0.00	4.84	3.30	12.38	9.24	21.20	10.79	21.20	23.01	37.17	19.05	62.30	20.70		
	0.35				7.25		10.36		22.20		18.17		20.41		
	0.70				5.28		9.92		20.15		15.82		20.10		
	1.41				2.90		7.27		12.33		13.00		18.82		
	2.11				1.80		5.08		7.08		8.76		18.16		
	2.81				1.27		3.69		3.99		6.59		12.88		
	3.52				0.96		2.79		2.66		5.10		8.55		
	4.22				0.72		1.98		1.98		3.61		6.48		
	4.92				0.58		1.35		1.43		2.94		5.14		
	5.62				0.48		0.96				2.07		3.91		
6.33					1.48	2.80									
7.03	(6.68)	(6.81)	(7.01)	(5.62)	(7.52)	0.88	(7.17)	1.77							

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 784 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 978-2 1" Threads		Model 1078-2 1" Threads		Model 1583 1.5" Threads			
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.		
4.22	0.00	56.55	28.03	45.91	44.78	53.29	68.81	134.8	0.00	(3.52)	28.03	(3.60)	33.70		
	0.35		27.12						25.92		56.90		34.50	43.20	101.10
	0.70		23.34						15.80		27.51		26.91	36.04	70.92
	1.05		20.82						9.56		21.31		17.61	27.17	35.67
	1.41		16.54						6.93		10.86		11.66	16.30	24.82
	2.11		7.33						3.69		7.73		8.58	11.52	18.69
	2.46		4.91						2.74		4.13		5.06	6.62	9.81
	2.81		3.82						2.06		3.10		3.74	4.89	7.96
	3.16		2.31						1.14		1.42		2.68	3.45	5.63
4.92	0.00	61.09	28.32	49.58	48.37	57.53	74.34	145.6	0.00	(4.10)	28.32	(4.10)	36.39		
	0.35		28.23						28.37		63.98		34.77	47.43	113.96
	0.70		25.82						19.21		29.98		29.63	38.60	89.22
	1.05		23.45						12.06		21.87		23.30	31.86	47.36
	1.41		21.88						9.03		14.12		15.11	21.86	31.71
	2.11		10.53						5.33		10.66		10.84	15.03	22.52
	2.81		6.37						3.21		6.07		7.07	9.28	12.96
	3.16		4.63						2.38		3.62		4.35	5.89	8.52
	3.52		3.57						1.95		2.55		3.26	4.14	5.93
5.62	0.00	65.33	28.80	53.03	51.74	61.51	79.49	155.7	0.00	(4.71)	28.80	(4.75)	38.34		
	0.35		28.38						30.68		72.98		36.05	49.85	117.76
	0.70		27.39						23.56		28.87		31.80	42.30	93.53
	1.05		25.54						14.63		26.06		26.39	35.34	51.17
	1.41		24.39						10.95		16.19		18.00	27.27	34.21
	2.11		16.12						6.66		13.55		13.15	18.65	27.79
	2.81		8.68						4.28		7.67		8.99	11.66	17.72
	3.52		5.54						2.75		4.79		5.49	8.04	11.25
	4.22		2.96						1.80		2.95		3.52	4.81	7.11
6.33	0.00	69.27	29.26	56.25	54.84	65.25	84.29	165.1	0.00	(5.34)	29.26	(5.32)	40.28		
	0.35		29.27						32.86		79.36		41.49	53.22	123.97
	0.70		29.14						26.65		32.26		32.95	45.45	98.36
	1.41		26.55						12.74		29.10		28.87	38.59	65.86
	2.11		22.77						8.19		16.54		15.66	23.08	33.69
	2.81		11.94						5.73		9.34		10.69	13.90	22.35
	3.52		7.77						3.74		6.17		7.56	9.84	14.87
	4.22		5.21						2.43		4.16		4.68	7.04	10.35
	4.92		2.71						1.61		2.19		3.42	4.33	6.09
7.03	0.00	73.01	29.29	59.27	57.83	68.77	88.83	174.0	0.00	(5.98)	29.29	(5.94)	41.86		
	0.35		29.67						34.20		87.30		42.91	55.07	131.72
	0.70		29.05						29.66		34.67		35.94	48.64	109.09
	1.41		27.53						14.62		30.76		31.80	41.44	78.59
	2.11		24.85						9.59		20.10		18.44	29.67	38.14
	2.81		16.87						6.87		11.38		13.08	17.54	26.05
	3.52		9.85						4.76		7.52		9.09	12.17	18.11
	4.22		6.88						3.43		5.36		6.29	8.53	12.58
	4.92		4.55						2.41		3.70		4.60	5.97	9.09
8.44	0.00	79.98	29.92	64.91	63.36	75.36	97.31	190.7	0.00	(7.17)	29.92	(7.14)	46.31		
	0.35		30.00						38.25		98.89		44.34	58.85	139.70
	0.70		29.83						33.44		37.67		38.60	52.36	117.30
	1.41		29.56						19.78		34.58		33.87	46.23	102.04
	2.11		27.04						12.36		24.92		22.83	36.72	50.57
	2.81		26.00						9.07		13.48		15.79	22.18	33.56
	3.52		16.28						6.87		10.12		11.31	15.86	25.17
	4.22		10.67						5.12		7.97		7.58	11.82	18.73
	4.92		7.88						3.72		5.49		6.33	9.06	13.84

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **

Mazzei Injector Company, LLC Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 1584 1.5" Threads		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
4.22	0.00	236.6	112.34	134.8	109.79	222.4	144.75	431	494	958	807.1	1722	1852.1
	0.35		103.44		85.96		118.34		408		736.3		1784.2
	0.70		90.10		36.72		76.43		315		611.7		1621.3
	1.05		74.44		24.37		45.35		199		439.0		1387.7
	1.41		56.94		16.83		33.88		142		297.4		1086.9
	2.11		32.28		8.78		19.09		72		195.4		668.1
	2.46		25.03		4.80		15.10		66		147.3		502.7
	2.81		17.51				11.01		60		104.8		339.8
	3.16		(3.62)		12.21		(2.69)		(3.51)		(3.52)		49
4.92	0.00	255.5	115.17	145.6	123.33	401		466	533	1037	855.3		
	0.35		109.54		100.84				451		807.1		
	0.70		98.13		42.64				373		716.5		
	1.05		84.60		28.30				268		594.7		
	1.41		71.10		21.95				191		388.0		
	2.11		43.40		12.70				93		271.9		
	2.81		26.61		5.80				72		152.9		
	3.16		20.33						67		118.9		
	3.52		15.64						59		93.5		
3.87	(4.22)	10.02	(3.14)	(4.01)	(4.11)	59		42.5					
5.62	0.00	273.1	117.06	155.7	130.44	401		496	567	1109	934.6		
	0.35		113.18		110.29				487		877.9		
	0.70		105.23		56.71				422		764.6		
	1.05		94.27		37.45				329		637.2		
	1.41		82.21		27.86				229		523.9		
	2.11		55.32		16.28				132		328.5		
	2.81		37.66		10.49				83		235.1		
	3.52		23.15		0.70				72		121.8		
	4.22		13.14						57		31.2		
4.57	(4.78)	8.47	(3.59)	(4.64)	(4.68)	40	(4.75)	5.7					
6.33	0.00	289.7	118.00	165.1	137.62	401		526		1173	991.2		
	0.35		116.47		110.70						962.9		
	0.70		110.63		65.29						906.2		
	1.41		91.49		31.09						625.9		
	2.11		67.12		19.79						376.7		
	2.81		46.28		13.06						297.4		
	3.52		32.28		6.24						215.2		
	4.22		21.90								141.6		
	4.92		12.52								70.8		
5.27	(5.41)	8.47	(4.04)	(5.20)	(5.31)		(5.38)	22.7					
7.03	0.00	305.4	118.94	174.0	150.19	401		556		1238	934.6		
	0.35		119.06		118.34						877.9		
	0.70		115.74		89.02						628.7		
	1.41		98.48		36.28						574.9		
	2.11		79.50		24.33						356.8		
	2.81		57.59		15.85						280.4		
	3.52		42.12		10.30						203.9		
	4.22		29.12		3.38						147.3		
	4.92		20.02								104.8		
5.62	(6.05)	11.90	(4.44)	(5.76)	(5.84)		(5.98)	42.5					
8.44	0.00	334.5	122.72	190.7	159.36	401							
	0.35		121.66		123.84								
	0.70		120.54		110.50								
	1.41		112.08		47.36								
	2.11		98.48		30.67								
	2.81		80.17		21.82								
	3.52		61.52		16.76								
	4.22		46.60		10.50								
	4.92		35.76		3.94								
5.62	25.98												
6.33	17.51												
7.03	(7.24)	10.34	(5.29)	(6.88)									

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). **