

## Mazzei Model 584 Injector

English					
Operating Pressure		Model 584		Model 584	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	2.8	26	1.96	13.0
	1	2.3	14	1.95	6.0
	2	2.1	9	1.95	1.0
	3	2.0	4	1.94	<1
	4				
psi @ 0 Vacuum		1.9	(4.0)		
10	0	3.5	27	2.73	17.0
	2	3.2	23	2.71	6.0
	5	2.8	9	2.70	<1
	7	2.7	4		
	8				
psi @ 0 Vacuum		2.6	(8.0)		
15	0	3.9	27	3.33	22.0
	5	3.5	16	3.31	4.0
	7	3.4	12	3.31	1.5
	10	3.3	5	3.30	<1
	12				
psi @ 0 Vacuum		3.2	(12.0)		
20	0	4.3	26	3.87	23.0
	5	4.2	23	3.84	7.0
	10	4.0	13	3.82	2.0
	12	3.9	9	3.81	<1
	15	3.8	2		
psi @ 0 Vacuum		3.7	(16.0)		
25	0	4.8	26	4.28	25.0
	5	4.8	26	4.26	12.0
	10	4.5	19	4.25	3.5
	15	4.3	11	4.23	<1
	20				
psi @ 0 Vacuum		4.2	(20.0)		
30	0	5.2	26	4.68	27.0
	5	5.2	26	4.65	18.0
	10	5.0	23	4.65	6.0
	15	4.8	18	4.63	2.5
	20	4.6	9	4.62	<1
25					
psi @ 0 Vacuum		4.5	(25.0)		
35	0	5.5	25	5.05	29.0
	5	5.5	25	5.04	22.0
	10	5.5	25	5.02	13.0
	15	5.3	21	5.02	3.5
	20	5.1	14	5.02	1.5
25	5.0	7	5.00	<1	
psi @ 0 Vacuum		4.9	(28.0)		
40	0	5.8	25	5.40	30.0
	5	5.8	25	5.38	24.0
	10	5.8	25	5.36	11.0
	15	5.7	25	5.36	5.0
	20	5.5	20	5.36	2.0
25	5.4	13	5.36	1.0	
30	5.3	5	5.35	<1	
psi @ 0 Vacuum		5.2	(32.0)		
45	0	6.1	25	5.72	31.0
	5	6.1	25	5.70	25.0
	10	6.1	25	5.68	13.0
	15	6.1	25	5.68	7.0
	20	6.0	24	5.68	3.5
25	5.8	18	5.68	1.5	
30	5.7	12	5.68	1.0	
35	5.6	4	5.66	<1	
psi @ 0 Vacuum		5.5	(37.0)		
50	0	6.4	25	6.03	32.0
	10	6.4	25	6.00	18.0
	15	6.4	25	5.97	9.0
	20	6.3	25	5.97	6.0
	25	6.2	24	5.97	3.5
30	6.1	19	5.97	2.5	
35	6.0	11	5.97	1.0	
40	5.9	2	5.93	<1	
psi @ 0 Vacuum		5.8	(41.0)		

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Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
60	0	6.9	25	6.63	33.0
	10	6.9	25	6.61	23.0
	20	6.9	25	6.55	8.0
	25	6.9	25	6.55	5.0
	30	6.9	25	6.55	3.5
	35	6.7	20	6.55	2.0
	40	6.6	15	6.55	1.0
45	6.5	7	6.53	<1	
psi @ 0 Vacuum		6.4	(50)		
70	0	7.4	25	7.10	34.0
	10	7.4	25	7.07	26.0
	20	7.4	25	7.04	12.0
	30	7.4	25	7.04	6.0
	35	7.4	25	7.04	4.0
	40	7.3	23	7.02	3.0
	45	7.2	17	7.02	2.0
50	7.1	11	7.02	1.0	
55	7.0	4	7.00	<1	
psi @ 0 Vacuum		6.9	(58)		
80	0	7.8	25	7.57	35.0
	20	7.8	25	7.52	15.0
	30	7.8	25	7.52	8.0
	35	7.8	25	7.52	6.0
	40	7.8	25	7.52	4.5
	45	7.7	24	7.52	3.5
	50	7.6	20	7.50	3.0
55	7.5	14	7.50	2.0	
60	7.4	8	7.50	1.0	
65	7.3	1	7.48	<1	
psi @ 0 Vacuum		7.3	(66)		
90	0	8.1	25	7.85	36.0
	20	8.1	25	7.80	18.0
	30	8.1	25	7.80	10.0
	40	8.1	25	7.80	6.0
	45	8.1	25	7.80	5.0
	50	8.1	25	7.78	4.0
	55	8.0	23	7.78	3.0
60	7.9	18	7.78	2.5	
65	7.8	12	7.78	2.0	
70	7.7	6	7.78	1.0	
75					
psi @ 0 Vacuum		7.6	(74)		
100	0	8.9	25	8.70	37.0
	20	8.9	25	8.65	22.0
	40	8.9	25	8.65	8.0
	50	8.9	25	8.65	5.0
	60	8.9	25	8.65	3.5
	65	8.8	22	8.65	3.0
	70	8.7	16	8.65	2.5
75	8.6	12	8.65	2.0	
80	8.5	4	8.60	1.0	
psi @ 0 Vacuum		8.4	(83)		
120	0	9.7	25	9.50	38.0
	40	9.7	25	9.40	12.0
	60	9.7	25	9.40	6.0
	80	9.6	23	9.40	3.0
	90	9.4	14	9.40	2.0
95	9.3	7	9.40	1.5	
100					
psi @ 0 Vacuum		9.2	(100)		
140	0	10.5	25	10.3	40.0
	40	10.5	25	10.2	16.0
	60	10.5	25	10.2	8.0
	70	10.5	25	10.2	6.0
	80	10.5	25	10.2	4.5
	90	10.4	24	10.2	3.5
	100	10.3	20	10.2	3.0
110	10.2	12	10.2	2.5	
120					
psi @ 0 Vacuum		10.0	(119)		