

Mazzei Model 684 Injector

English					
Operating Pressure		Model 684		Model 684	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	4.0	22	3.1	9
	1	4.0	22	3.1	8
	2	3.8	17	3.0	3
	3	3.1	9	2.9	<1
	4				
psi @ 0 Vacuum		2.8	(4.0)		
10	0	5.3	23	4.3	22
	2	5.3	23	4.3	15
	5	5.3	23	4.3	4
	7	4.9	9	4.2	1
	8	4.4	1	4.2	<1
psi @ 0 Vacuum		3.7	(8.5)		
15	0	6.7	30	5.5	35
	5	6.7	30	5.5	12
	7	6.7	30	5.5	7
	10	5.7	13	5.5	3
	12	5.4	8	5.4	1
psi @ 0 Vacuum		5.2	(13.0)		
20	0	7.5	30	6.3	28
	5	7.5	30	6.3	16
	10	7.5	30	6.3	6
	12	7.1	25	6.2	3
	15	6.4	10	6.2	<1
psi @ 0 Vacuum		6.1	(16.3)		
25	0	8.1	30	7.0	32
	5	8.1	30	7.0	22
	10	8.1	30	7.0	12
	15	7.9	29	7.0	6
	20	6.9	5	6.9	<1
psi @ 0 Vacuum		6.8	(21.0)		
30	0	8.7	30	7.9	38
	5	8.7	30	7.9	30
	10	8.7	30	7.9	18
	15	8.7	29	7.8	10
	20	8.3	27	7.8	5
25	7.8	6	7.7	1	
psi @ 0 Vacuum		7.6	(25.0)		
35	0	9.4	30	8.5	38
	5	9.4	30	8.5	35
	10	9.4	30	8.4	27
	15	9.2	30	8.4	14
	20	9.2	29	8.4	9
25	8.6	20	8.4	4	
psi @ 0 Vacuum		7.9	(28.0)		
40	0	9.8	30	9.1	40
	5	9.8	30	9.1	36
	10	9.8	30	9.1	32
	15	9.8	30	9.0	16
	20	9.8	30	8.9	11
25	9.8	30	8.9	7	
30	9.0	16	8.9	4	
psi @ 0 Vacuum		8.5	(32.0)		
45	0	10.3	30	9.7	45
	5	10.3	30	9.7	40
	10	10.3	30	9.6	35
	15	10.3	30	9.5	22
	20	10.3	30	9.5	14
25	10.3	30	9.5	10	
30	10.2	29	9.5	6	
35	9.5	12	9.5	3	
psi @ 0 Vacuum		9.1	(38.5)		
50	0	10.8	30	10.2	45
	10	10.8	30	10.2	38
	15	10.8	30	10.1	28
	20	10.8	30	10.1	16
	25	10.8	30	10.1	12
30	10.8	30	10.1	8	
35	10.6	28	10.1	5	
40	9.8	8	10.0	3	
psi @ 0 Vacuum		9.5	(43.0)		

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Operating Pressure		Model 684		Model 684	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
60	0	11.6	29	11.2	45
	10	11.6	29	11.2	40
	20	11.6	29	11.0	25
	25	11.6	29	11.0	17
	30	11.6	29	11.0	13
	35	11.6	29	11.0	10
	40	11.6	29	11.0	7
45	11.3	22	11.0	4.5	
psi @ 0 Vacuum		10.5	(51)		
70	0	12.5	30	12.0	50
	10	12.5	30	12.0	46
	20	12.5	30	11.9	42
	30	12.5	30	11.9	19
	35	12.5	30	11.8	13
	40	12.5	30	11.8	11
	45	12.5	30	11.8	8
50	12.3	28	11.8	6	
55	11.7	13	11.7	4	
psi @ 0 Vacuum		11.3	(61)		
80	0	12.8	31	12.3	35
	20	12.8	31	12.3	30
	30	12.8	31	12.3	20
	35	12.8	31	12.2	16
	40	12.8	31	12.2	14
	45	12.8	31	12.2	11
	50	12.8	31	12.1	9
55	12.8	31	12.1	7	
60	12.7	30	12.1	5	
65	12.1	15	12.1	3	
psi @ 0 Vacuum		11.6	(66)		
90	0	13.6	32	13.1	35
	20	13.6	32	13.1	32
	30	13.6	32	13.0	22
	40	13.6	32	13.0	17
	45	13.6	32	13.0	15
	50	13.6	32	12.9	13
	55	13.6	32	12.9	11
60	13.6	32	12.9	9	
65	13.6	32	12.9	7	
70	13.4	25	12.9	5	
75	12.7	9	12.9	3	
psi @ 0 Vacuum		12.5	(76)		
100	0	14.1	33	13.7	35
	20	14.1	33	13.7	35
	40	14.1	33	13.7	20
	50	14.1	33	13.7	16
	60	14.1	33	13.6	12
	65	14.1	33	13.5	10
	70	14.0	33	13.5	6
75	13.9	30	13.4	5	
80	13.3	15	13.2	4	
psi @ 0 Vacuum		13.0	(85)		
120	0	15.1	33	15.2	40
	40	15.1	33	15.1	28
	60	15.1	33	15.0	17
	80	15.1	24	14.9	11
	90	15.1	21	14.8	9
	95	15.1	18	14.7	8
	100	15.1	15	14.7	5
psi @ 0 Vacuum		13.9	(102)		
140	0				
	40				
	60				
	70				
	80				
	90				
	100				
110					
120					
psi @ 0 Vacuum					