Mazzei Model 384 Injector

English					
Operating Pressure		Model 384		Model 384	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	0.75	7.0	0.66	4.0
	1	0.73	4.2	0.65	<1
	2	0.69	2.5		
	3	0.66	0.8		
	4				
	psi @ 0 Vacuum	0.64	(3.5)		
10	0	1.10	9.5	0.91	6.0
	2	1.00	5.5	0.91	1.0
	5	0.93	2.5	0.90	<1
	7				
	8				
	psi @ 0 Vacuum	0.88	(6.5)		
15	0	1.30	10.0	1.08	7.5
	5	1.10	5.4	1.07	<1
	7	1.00	3.5		
	10				
	12				
	psi @ 0 Vacuum	0.95	(10.0)		
20	0	1.45	10.0	1.25	9.0
	5	1.40	7.2	1.25	2.0
	10	1.30	4.0	1.24	<1
	12	1.25	2.7		
	15				
	psi @ 0 Vacuum	1.20	(15.0)		
25	0	1.60	10.0	1.42	10.0
	5	1.55	9.0	1.42	3.0
	10	1.50	6.0	1.40	<1
	15	1.45	3.0		
	20				
	psi @ 0 Vacuum	1.40	(18.5)		
30	0	1.70	10.0	1.55	11.0
	5	1.70	10.0	1.55	4.0
	10	1.65	8.2	1.53	1.0
	15	1.60	5.3	1.53	<1
	20	1.55	2.4		
	25				
	psi @ 0 Vacuum	1.52	(22.5)		
35	0	1.80	10.0	1.67	12.0
	5	1.80	10.0	1.67	5.0
	10	1.78	9.5	1.67	2.0
	15	1.73	7.2	1.65	<1
	20	1.68	4.9		
	25	1.65	1.8		
	psi @ 0 Vacuum	1.63	(26.5)		
40	0	1.90	10.0	1.78	12.0
	5	1.90	10.0	1.77	6.0
	10	1.90	10.0	1.77	2.5
	15	1.86	8.9	1.77	1.0
	20	1.80	7.4	1.76	<1
	25	1.77	3.8		
	30				
	psi @ 0 Vacuum	1.75	(30.0)		
45	0	2.00	10.0	1.90	13.0
	5	2.00	10.0	1.89	6.5
	10	2.00	10.0	1.89	3.5
	15	2.00	10.0	1.89	2.0
	20	1.95	8.2	1.89	1.0
	25	1.90	6.0	1.88	<1
	30	1.88	3.0		
	35				
	psi @ 0 Vacuum	1.85	(33.5)		
50	0	2.10	10.0	2.00	13.0
	10	2.10	10.0	1.98	4.5
	15	2.10	10.0	1.98	2.5
	20	2.10	10.0	1.98	1.5
	25	2.05	8.6	1.97	<1
	30	2.00	5.3		
	35	1.97	2.9		
	40				
	psi @ 0 Vacuum	1.95	(36.0)		

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Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
60	0	2.28	10.2	2.20	14.0
	10	2.28	10.2	2.18	5.5
	20	2.28	10.2	2.18	2.5
	25	2.28	10.2	2.18	1.5
	30	2.24	9.7	2.17	<1
	35	2.20	6.9		
	40	2.18	4.2		
	45	2.16	1.4		
	psi @ 0 Vacuum	2.14	(47)		
70	0	2.45	10.2	2.36	15.0
	10	2.45	10.2	2.35	7.0
	20	2.45	10.2	2.35	3.0
	30	2.45	10.2	2.35	1.5
	35	2.42	9.9	2.34	<1
	40	2.38	8.0		
	45	2.36	5.5		
	50	2.33	3.1		
	55				
	psi @ 0 Vacuum	2.32	(55)		
80	0	2.60	10.3	2.51	15.0
	20	2.60	10.3	2.49	5.0
	30	2.60	10.3	2.49	3.0
	35	2.60	10.3	2.49	2.0
	40	2.58	10.1	2.49	1.0
	45	2.53	9.2	2.48	<1
	50	2.52	7.6		
	55	2.51	5.3		
	60	2.50	1.7		
	65				
	psi @ 0 Vacuum	2.49	(63)		
90	0	2.73	10.0	2.65	17.0
	20	2.73	10.0	2.64	6.5
	30	2.73	10.0	2.64	3.5
	40	2.73	10.0	2.64	2.0
	45	2.73	10.0	2.64	1.0
	50	2.71	9.9	2.63	<1
	55	2.68	7.9		
	60	2.67	6.5		
	65	2.66	2.9		
	70				
	75				
	psi @ 0 Vacuum	2.65	(70)		
100	0	2.89	10.5	2.82	18.0
	20	2.89	10.5	2.82	7.0
	40	2.89	10.5	2.82	3.0
	50	2.89	10.5	2.82	1.5
	60	2.85	8.2	2.80	<1
	65	2.84	6.1		
	70	2.83	4.3		
	75	2.82	2.4		
	80				
	psi @ 0 Vacuum	2.80	(78)		
120	0	3.15	10.5	3.07	18.0
	40	3.15	10.5	3.06	4.0
	60	3.15	10.5	3.06	2.0
	80	3.10	6.5	3.05	<1
	90	3.07	2.7		
	95				
	100				
	psi @ 0 Vacuum	3.05	(95)		
140	0	3.40	10.5	3.32	18.0
	40	3.40	10.5	3.31	5.5
	60	3.40	10.5	3.31	3.0
	70	3.40	10.5	3.31	2.0
	80	3.38	10.1	3.31	1.0
	90	3.35	8.7	3.30	<1
	100	3.32	5.7		
	110	3.31	1.5		
	120				
	psi @ 0 Vacuum	3.30	(112)		