

Mazzei Model 484-A Injector

English					
Operating Pressure		Model 484-A		Model 484-A	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	1.00	14	0.85	7.0
	1	0.95	12	0.85	4.0
	2	0.90	8	0.82	<1
	3	0.87	4		
	4	0.85	2		
	psi @ 0 Vacuum	0.82	(4.5)		
10	0	1.80	19	1.45	12.0
	2	1.70	16	1.45	5.0
	5	1.55	8	1.44	<1
	7	1.45	3		
	8				
psi @ 0 Vacuum	1.40	(8.0)			
15	0	2.10	19	1.78	15.0
	5	2.00	15	1.78	2.0
	7	1.90	11	1.77	<1
	10	1.80	5		
	12				
psi @ 0 Vacuum	1.75	(12.0)			
20	0	2.30	18	2.10	18.0
	5	2.30	18	2.09	5.0
	10	2.15	11	2.09	1.0
	12	2.10	8	2.08	<1
	15	2.05	2		
psi @ 0 Vacuum	2.03	(16.0)			
25	0	2.50	18	2.33	18.0
	5	2.50	18	2.33	6.0
	10	2.50	16	2.33	2.0
	15	2.40	9	2.31	<1
	20				
psi @ 0 Vacuum	2.30	(20.0)			
30	0	2.70	18	2.53	18.0
	5	2.70	18	2.52	8.0
	10	2.70	18	2.52	4.0
	15	2.65	13	2.52	2.0
	20	2.55	7	2.50	<1
	25				
psi @ 0 Vacuum	2.50	(24.0)			
35	0	2.90	18	2.72	19.0
	5	2.90	18	2.70	10.0
	10	2.90	18	2.70	5.0
	15	2.90	17	2.70	3.0
	20	2.80	12	2.70	1.0
	25	2.70	4	2.68	<1
psi @ 0 Vacuum	2.65	(27.5)			
40	0	3.10	18	2.90	19.0
	5	3.10	18	2.88	12.0
	10	3.10	18	2.88	6.0
	15	3.10	18	2.88	3.5
	20	3.00	16	2.88	1.5
	25	2.95	11	2.87	<1
	30	2.85	3		
psi @ 0 Vacuum	2.82	(32.0)			
45	0	3.30	17	3.07	20.0
	5	3.30	17	3.07	13.0
	10	3.30	17	3.06	7.0
	15	3.30	17	3.06	4.0
	20	3.30	17	3.06	2.0
	25	3.20	15	3.04	<1
	30	3.10	9		
	35	3.00	1.5		
psi @ 0 Vacuum	2.98	(36.0)			
50	0	3.40	17	3.25	8.0
	10	3.40	17	3.23	5.0
	15	3.40	17	3.23	3.0
	20	3.40	17	3.23	2.0
	25	3.40	17	3.23	<1
	30	3.30	15		
	35	3.25	8		
	40	3.15	1		
psi @ 0 Vacuum	3.12	(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	3.70	17	3.55	22.0
	10	3.70	17	3.53	11.0
	20	3.70	17	3.53	5.0
	25	3.70	17	3.53	3.0
	30	3.70	17	3.53	2.0
	35	3.65	16	3.53	1.0
	40	3.58	12	3.52	<1
	45	3.50	5		
psi @ 0 Vacuum	3.40	(48)			
70	0	3.95	17	3.85	23.0
	10	3.95	17	3.82	13.0
	20	3.95	17	3.82	7.0
	30	3.95	17	3.82	4.0
	35	3.95	17	3.82	3.0
	40	3.95	17	3.82	2.0
	45	3.90	15	3.82	1.0
	50	3.85	9	3.81	<1
55	3.75	2			
psi @ 0 Vacuum	3.71	(56)			
80	0	4.20	17	4.10	24.0
	20	4.20	17	4.08	9.0
	30	4.20	17	4.08	5.0
	35	4.20	17	4.08	4.0
	40	4.20	17	4.08	3.0
	45	4.20	17	4.08	2.0
	50	4.20	17	4.08	1.0
	55	4.15	12	4.07	<1
60	4.07	6			
65					
psi @ 0 Vacuum	4.01	(65)			
90	0	4.45	17	4.35	24.0
	20	4.45	17	4.33	10.0
	30	4.45	17	4.33	6.0
	40	4.45	17	4.33	4.0
	45	4.45	17	4.33	3.0
	50	4.45	17	4.33	2.5
	55	4.40	17	4.33	2.0
	60	4.40	15	4.33	1.0
65	4.33	10	4.32	<1	
70	4.27	4			
75					
psi @ 0 Vacuum	4.22	(73)			
100	0	4.70	17	4.56	24.0
	20	4.70	17	4.55	11.0
	40	4.70	17	4.55	5.0
	50	4.70	17	4.55	3.5
	60	4.70	17	4.55	2.5
	65	4.65	17	4.55	2.0
	70	4.60	13	4.55	1.0
	75	4.55	8	4.54	<1
80	4.50	1			
psi @ 0 Vacuum	4.46	(82)			
120	0	5.85	18	5.78	25.0
	40	5.85	18	5.76	7.0
	60	5.85	18	5.76	4.0
	80	5.82	16	5.76	2.0
	90	5.75	8	5.76	1.0
	95	5.68	4	5.75	<1
	100				
psi @ 0 Vacuum	5.64	(98)			
140	0	6.30	18	6.22	26.0
	40	6.30	18	6.20	9.0
	60	6.30	18	6.20	5.0
	70	6.30	18	6.20	4.0
	80	6.30	18	6.20	3.0
	90	6.30	16	6.20	2.0
	100	6.25	14	6.20	1.0
	110	6.18	7	6.19	<1
120					
psi @ 0 Vacuum	6.14	(114)			