

Mazzei Model 1078 Injector

English					
Operating Pressure		Model 1078		Model 1078	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	8.0	80	5.7	50
	1	6.5	40	5.6	13
	2	6.0	30	5.6	6
	3	5.8	20	5.6	3
	4	5.6	10	5.5	<1
	psi @ 0 Vacuum	5.4	(4.5)		
10	0	9.5	80	7.6	70
	2	8.8	60	7.5	25
	5	8.0	35	7.5	6
	7	7.8	20	7.5	2
	8	7.7	10	7.4	<1
psi @ 0 Vacuum	7.4	(8.5)			
15	0	10.8	80	9.2	90
	5	10.1	60	9.1	16
	7	9.8	46	9.1	10
	10	9.3	36	9.1	4
	12	9.1	12	9.0	2
psi @ 0 Vacuum	8.8	(12.7)			
20	0	11.9	80	10.5	100
	5	11.9	75	10.4	40
	10	11.0	50	10.4	11
	12	10.7	37	10.4	7
	15	10.4	20	10.3	2
psi @ 0 Vacuum	10.2	(17.0)			
25	0	12.9	75	11.7	105
	5	12.9	75	11.6	60
	10	12.6	65	11.6	25
	15	12.0	42	11.6	8
	20	11.5	12	11.5	2
psi @ 0 Vacuum	11.4	(21.5)			
30	0	13.8	75	12.7	110
	5	13.8	75	12.6	75
	10	13.8	75	12.6	35
	15	13.3	60	12.6	15
	20	12.8	38	12.6	6
25			12.5	2	
psi @ 0 Vacuum	12.3	(25.0)			
35	0	14.8	75	13.7	120
	5	14.8	75	13.6	90
	10	14.8	75	13.6	45
	15	14.8	75	13.6	25
	20	14.1	56	13.6	11
	25	13.7	18	13.5	5
psi @ 0 Vacuum	13.3	(30.0)			
40	0	15.6	75	14.5	125
	5	15.6	75	14.5	100
	10	15.6	75	14.5	60
	15	15.6	75	14.5	30
	20	15.3	72	14.4	15
	25	15.0	52	14.4	9
	30	14.5	30	14.3	5
psi @ 0 Vacuum	14.2	(34.0)			
45	0	16.3	75	15.4	130
	5	16.3	75	15.4	115
	10	16.3	75	15.4	75
	15	16.3	75	15.4	40
	20	16.2	75	15.3	22
	25	16.0	70	15.3	12
	30	15.6	55	15.3	7
	35	15.3	26	15.2	4
psi @ 0 Vacuum	14.9	(38.0)			
50	0	17.1	75	16.4	135
	10	17.1	75	16.3	90
	15	17.1	75	16.3	60
	20	17.1	75	16.3	30
	25	17.0	75	16.3	20
	30	16.9	66	16.3	10
	35	16.6	47	16.3	7
	40	16.1	16	16.1	4
psi @ 0 Vacuum	15.8	(43.0)			

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Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
60	0	18.5	75	17.7	145
	10	18.5	75	17.7	100
	20	18.5	75	17.7	35
	25	18.5	75	17.7	25
	30	18.5	75	17.7	17
	35	18.4	72	17.7	11
	40	18.2	60	17.7	8
	45	17.7	35	17.6	5
psi @ 0 Vacuum	17.3	(51)			
70	0	19.8	75	19.1	150
	10	19.8	75	19.1	110
	20	19.8	75	19.1	40
	30	19.8	75	19.1	22
	35	19.8	75	19.0	16
	40	19.7	70	19.0	12
	45	19.5	60	19.0	9
	50	19.3	40	19.0	7
55	19.1	20	18.9	5	
psi @ 0 Vacuum	18.8	(60)			
80	0	21.7	75	21.1	155
	20	21.7	75	21.0	45
	30	21.7	75	21.0	25
	35	21.7	75	21.0	18
	40	21.7	75	21.0	15
	45	21.7	75	21.0	11
	50	21.4	71	21.0	9
	55	21.2	61	21.0	7
60	21.0	42	21.0	5	
65	20.7	13	20.9	4	
psi @ 0 Vacuum	20.5	(67)			
90	0	22.9	75	22.4	160
	20	22.9	75	22.3	50
	30	22.9	75	22.3	27
	40	22.9	75	22.3	19
	45	22.9	75	22.3	15
	50	22.9	75	22.3	12
	55	22.9	75	22.3	10
	60	22.6	68	22.3	8
	65	22.4	56	22.3	6
	70	22.2	36	22.3	5
75	21.8	9	22.2	4	
psi @ 0 Vacuum	21.6	(76)			
100	0	24.3	75	23.7	165
	20	24.3	75	23.6	80
	40	24.3	75	23.6	22
	50	24.3	75	23.6	16
	60	24.3	75	23.6	11
	65	24.2	75	23.6	9
	70	24.0	65	23.6	7
	75	23.8	55	23.6	6
	80	23.4	30	23.5	5
	psi @ 0 Vacuum	23.0	(86)		
120	0	26.2	75	26.0	165
	40	26.2	75	25.9	33
	60	26.2	75	25.9	17
	80	26.2	75	25.9	10
	90	25.8	55	25.9	8
	95	25.6	38	25.9	6
	100	25.3	15	25.8	5
psi @ 0 Vacuum	25.1	(103)			
140	0	28.2	75	28.0	165
	40	28.2	75	27.9	40
	60	28.2	75	27.9	25
	70	28.2	75	27.9	20
	80	28.2	75	27.9	15
	90	28.2	75	27.9	11
	100	28.1	65	27.9	9
	110	27.8	50	27.9	9
	120	27.5	12	27.8	7
	psi @ 0 Vacuum	27.3	(121)		