

Mazzei Model 878 Injector

English					
Operating Pressure		Model 878		Model 878	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
5	0	4.7	48	4.2	35
	1	4.4	37	4.1	7
	2	4.3	28	4.1	3
	3	4.2	20	4.1	2
	4	4.1	6	4.0	<1
	psi @ 0 Vacuum	4.0	(4.5)		
10	0	6.3	65	5.4	45
	2	6.0	46	5.4	11
	5	5.6	30	5.4	3.5
	7	5.5	17	5.4	1
	8	5.4	2	5.3	<1
	psi @ 0 Vacuum	5.3	(8.5)		
15	0	7.3	65	6.5	60
	5	7.0	50	6.5	10
	7	6.9	40	6.5	6
	10	6.7	27	6.5	2
	12	6.5	8	6.3	1
	psi @ 0 Vacuum	6.3	(13.0)		
20	0	8.2	63	7.5	75
	5	8.2	63	7.4	16
	10	7.9	45	7.4	6
	12	7.6	38	7.4	4
	15	7.5	10	7.3	2
	psi @ 0 Vacuum	7.3	(17.0)		
25	0	8.9	63	8.3	85
	5	8.9	63	8.2	25
	10	8.7	58	8.2	10
	15	8.5	40	8.1	5
	20	8.2	9	8.1	2
	psi @ 0 Vacuum	8.1	(21.0)		
30	0	9.7	60	9.2	90
	5	9.7	60	9.1	50
	10	9.7	60	9.1	20
	15	9.5	52	9.1	9
	20	9.2	30	9.1	3
	25			9.0	1
psi @ 0 Vacuum	9.0	(25.0)			
35	0	10.3	60	9.8	95
	5	10.3	60	9.8	60
	10	10.3	60	9.7	30
	15	10.3	60	9.7	12
	20	10.1	45	9.7	6
	25	9.8	26	9.6	3
psi @ 0 Vacuum	9.6	(30.0)			
40	0	10.8	60	10.5	100
	5	10.8	60	10.5	70
	10	10.8	60	10.5	35
	15	10.8	60	10.5	20
	20	10.8	60	10.5	10
	25	10.5	45	10.4	6
	30	10.4	20	10.3	3
	psi @ 0 Vacuum	10.2	(34.0)		
45	0	11.5	60	11.0	100
	5	11.5	60	11.0	80
	10	11.5	60	11.0	40
	15	11.5	60	11.0	25
	20	11.5	60	11.0	13
	25	11.4	57	10.9	8
	30	11.2	40	10.9	5
	35	11.0	18	10.9	3
	psi @ 0 Vacuum	10.8	(39.0)		
50	0	12.0	60	11.6	105
	10	12.0	60	11.6	55
	15	12.0	60	11.6	28
	20	12.0	60	11.6	17
	25	11.9	60	11.6	12
	30	11.9	55	11.6	7
	35	11.7	35	11.6	5
	40	11.5	12	11.5	3
	psi @ 0 Vacuum	11.4	(42.0)		

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Operating Pressure		Model 878		Model 878	
Injector Inlet (psig)	Injector Outlet (psig)	Motive Flow (gpm)	Liquid Suction (gph)	Motive Flow (gpm)	Air Suction (scfh)
60	0	13.0	60	12.6	105
	10	13.0	60	12.6	65
	20	13.0	60	12.5	20
	25	13.0	60	12.5	17
	30	13.0	60	12.5	12
	35	13.0	60	12.5	8
	40	12.9	52	12.5	5
	45	12.6	27	12.4	3
	psi @ 0 Vacuum	12.3	(51)		
70	0	14.0	60	13.6	110
	10	14.0	60	13.5	75
	20	14.0	60	13.5	22
	30	14.0	60	13.5	15
	35	14.0	60	13.5	11
	40	14.0	60	13.5	9
	45	13.8	57	13.5	7
	50	13.7	45	13.5	5
	55	13.5	22	13.4	3
psi @ 0 Vacuum	13.3	(60)			
80	0	14.9	60	14.6	115
	20	14.9	60	14.5	25
	30	14.9	60	14.5	17
	35	14.9	60	14.5	13
	40	14.9	60	14.5	10
	45	14.9	60	14.5	8
	50	14.8	60	14.5	6
	55	14.7	50	14.5	5
	60	14.5	30	14.5	4
65	14.3	9	14.4	3	
psi @ 0 Vacuum	14.2	(67)			
90	0	15.8	60	15.5	120
	20	15.8	60	15.4	27
	30	15.8	60	15.4	19
	40	15.8	60	15.4	13
	45	15.8	60	15.4	10
	50	15.8	60	15.4	8
	55	15.8	60	15.4	7
	60	15.7	60	15.4	6
	65	15.5	47	15.4	5
	70	15.3	25	15.4	4
75	15.2	6	15.3	3	
psi @ 0 Vacuum	15.1	(76)			
100	0	16.6	60	16.4	120
	20	16.6	60	16.3	30
	40	16.6	60	16.3	15
	50	16.6	60	16.3	11
	60	16.6	60	16.3	8
	65	16.6	60	16.3	7
	70	16.5	57	16.3	6
	75	16.4	45	16.3	5
	80	16.2	24	16.2	4
	psi @ 0 Vacuum	15.9	(86)		
120	0	18.0	60	17.9	125
	40	18.0	60	17.8	22
	60	18.0	60	17.8	12
	80	18.0	60	17.8	7
	90	17.9	50	17.8	5
	95	17.7	30	17.8	4
	100	17.6	14	17.6	3
	psi @ 0 Vacuum	17.4	(104)		
140	0	19.5	60	19.3	125
	40	19.5	60	19.2	25
	60	19.5	60	19.2	16
	70	19.5	60	19.2	12
	80	19.5	60	19.2	10
	90	19.5	60	19.2	8
	100	19.4	60	19.2	6
	110	19.2	40	19.2	5
	120	19.0	7	19.0	4
	psi @ 0 Vacuum	18.9	(122)		