



**Injector Performance Table**  
**Water Suction Capacity**

Operating Pressure PSIG		WATER SUCTION		Operating Pressure PSIG		WATER SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPH	Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPH
<b>5</b>	0	<b>4.5</b>	35.9	<b>60</b>	0	<b>15.6</b>	31.2
	1		27.4		5		31.2
	2		19.3		10		31.2
	3		12.8		15		31.2
	4		*(4.5)		2.0		20
<b>10</b>	0	<b>6.4</b>	35.0		30		31.2
	2		34.8		35		31.1
	5		23.7		40		30.7
	7		13.1		45		*(50.0)
	8		*(9.0)		5.0		
<b>15</b>	0	<b>7.8</b>	34.0	<b>70</b>	0	<b>16.9</b>	31.0
	5		33.7		5		31.0
	7		33.2		10		31.1
	10		19.5		15		31.1
	12		*(13.0)		2.3		20
<b>20</b>	0	<b>9.0</b>	32.9		30		31.1
	5		33.0		40		31.0
	10		32.8		45		31.0
	12		28.3		50		25.0
	15		*(17.5)		17.4		55
<b>25</b>	0	<b>10.1</b>	32.3	<b>80</b>	0	<b>18.0</b>	31.1
	5		32.1		5		31.1
	10		32.2		10		30.9
	15		32.2		15		31.0
	20		*(22.3)		32.2		20
<b>30</b>	0	<b>11.0</b>	31.6		30		31.0
	5		31.6		40		30.7
	10		31.8		50		31.0
	15		31.7		60		29.0
	20		29.1		65		*(67.0)
<b>35</b>	0	<b>11.9</b>	31.3	<b>90</b>	0	<b>19.1</b>	31.5
	5		31.5		5		31.5
	10		31.4		10		31.5
	15		31.5		20		31.3
	20		31.4		30		31.3
<b>40</b>	0	<b>12.7</b>	31.2		40		31.7
	5		31.4		50		31.3
	10		31.4		60		31.0
	15		31.4		70		30.2
	20		31.5		75		*(76.0)
<b>45</b>	0	<b>13.5</b>	31.2	<b>100</b>	0	<b>20.2</b>	31.0
	5		31.4		5		31.0
	10		31.4		10		30.4
	15		31.5		20		30.4
	20		31.2		30		31.0
<b>50</b>	0	<b>14.3</b>	31.1		40		31.0
	5		31.1		50		30.4
	10		31.2		60		31.0
	15		31.3		70		30.4
	20		31.0		80		*(85.0)
<b>60</b>	0	<b>15.6</b>	31.1	<b>120</b>	0	<b>22.1</b>	31.8
	5		31.1		5		31.8
	10		31.2		10		31.8
	15		31.3		20		31.8
	20		31.0		30		31.8
<b>70</b>	0	<b>16.9</b>	31.1		40		31.8
	5		31.1		50		31.7
	10		31.1		60		31.6
	15		31.2		70		31.6
	20		31.1		80		31.8
<b>80</b>	0	<b>18.0</b>	31.1	90	14.8		
	5		31.1	100	*(102)		
	10		31.1				
	15		31.2				
	20		31.1				
<b>90</b>	0	<b>19.1</b>	31.1				
	5		31.1				
	10		31.1				
	15		31.1				
	20		31.1				
<b>100</b>	0	<b>20.2</b>	31.1				
	5		31.1				
	10		31.1				
	15		31.1				
	20		31.1				
<b>110</b>	0	<b>21.3</b>	31.1				
	5		31.1				
	10		31.1				
	15		31.1				
	20		31.1				
<b>120</b>	0	<b>22.4</b>	31.1				
	5		31.1				
	10		31.1				
	15		31.1				
	20		31.1				

**Model 784**

Copyright© 2014 REV August 2014

Mazzei Injector Company, LLC  
 500 Rooster Drive, Bakersfield, CA 93307-9555 USA

TEL 661.363.6500 • FAX 661.363.7500 • www.mazzei.net

*\*NUMBERS IN PARENTHESIS indicate the injector outlet pressure when suction stops (Zero Suction Point).*



Operating Pressure kg/cm <sup>2</sup>		WATER SUCTION		Operating Pressure kg/cm <sup>2</sup>		WATER SUCTION		
Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction l/hr	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction l/hr	
0.35	0.00	17.1	136	4.22	0.00	59.1	118	
	0.07		103		0.35		118	
	0.14		73.0		0.70		118	
	0.21		48.6		1.05		118	
	0.28		* (0.32)		7.8		1.41	118
0.70	0.00	24.1	132		2.11		118	
	0.14		131		2.46		117	
	0.35		89.7		2.81		116	
	0.49		49.7		3.16		* (3.52)	45.6
	0.56		* (0.63)		18.9		0.00	117
1.05	0.00	29.6	128	0.35	117			
	0.35		127	0.70	117			
	0.49		126	1.05	117			
	0.70		73.9	1.41	118			
	0.84		* (0.91)	8.8	2.11	117		
1.41	0.00	34.1	124	2.81	117			
	0.35		125	3.16	117			
	0.70		124	3.52	94.8			
	0.84		107	3.87	* (4.10)	31.3		
	1.05		* (1.23)	65.9	0.00	117		
1.76	0.00	38.2	122	0.35	118			
	0.35		121	0.70	117			
	0.70		121	1.05	117			
	1.05		122	1.41	117			
	1.41		* (1.57)		2.11	117		
2.11	0.00	41.8	119	2.81	116			
	0.35		119	3.52	117			
	0.70		120	4.22	110			
	1.05		120	4.57	* (4.71)	95.4		
	1.41		110	0.00	119			
2.46	0.00	45.2	118	0.35	119			
	0.35		119	0.70	119			
	0.70		119	1.41	118			
	1.05		119	2.11	118			
	1.41		118	2.81	120			
2.81	1.76	* (2.18)	60.1	3.52	118			
	0.00	48.3	118	4.22	117			
	0.35		119	4.92	114			
	0.70		119	5.27	* (5.34)	72.2		
	1.05		118	0.00	117			
1.41	119		0.35	115				
3.16	1.76	* (2.39)	45.8	0.70	115			
	0.00	51.2	117	1.41	117			
	0.35		118	2.11	117			
	0.70		118	2.81	117			
	1.05		118	3.52	115			
1.41	119		4.22	117				
3.52	1.76	* (2.67)	28.3	4.92	115			
	0.00	54.0	117	5.62	* (5.98)	67.9		
	0.35		117	0.00	120			
	0.70		118	0.35	120			
	1.05		118	0.70	120			
1.41	117		1.41	120				
4.22	1.76	* (3.01)	34.3	2.11	120			
	2.11			2.81	120			
	2.46			3.52	120			
	2.81			4.22	119			
	3.16			4.92	119			
	3.52			5.62	120			
	3.87			6.33	56.2			
	4.22			7.03	* (7.17)			
4.92	0.00	63.9	117	5.62	68.3	0.00	117	
	0.35		118			0.35	119	
	0.70		117			0.70	119	
	1.05		117			1.41	118	
	1.41		118			2.11	118	
	2.11		117			2.81	120	
	2.81		117			3.52	118	
	3.16		117			4.22	117	
	3.52		94.8			4.92	114	
	3.87		31.3			5.27	72.2	
5.62	0.00	72.4	117	7.03	76.3	0.00	117	
	0.35		119			0.35	115	
	0.70		119			0.70	115	
	1.05		118			1.41	117	
	1.41		118			2.11	117	
	2.11		120			2.81	117	
	2.81		118			3.52	115	
	3.52		118			4.22	117	
	4.22		114			4.92	115	
	4.92		72.2			5.62	67.9	
6.33	0.00	83.6	120	8.44	83.6	0.00	120	
	0.35		120			0.35	120	
	0.70		120			0.70	120	
	1.41		120			1.41	120	
	2.11		120			2.11	120	
	2.81		120			2.81	120	
	3.52		119			3.52	120	
	4.22		119			4.22	119	
	4.92		120			4.92	119	
	5.62		56.2			5.62	120	
7.03	7.03	* (7.17)		6.33	56.2	7.03	* (7.17)	



Operating Pressure PSIG		AIR SUCTION		Operating Pressure PSIG		AIR SUCTION		
Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFH	Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFH	
<b>5</b>	0	<b>4.3</b>	11.7	<b>60</b>	0	<b>14.9</b>	59.3	
	1		9.8		5		57.4	
	2		4.7		10		49.4	
	3		2.1		15		44.1	
	4		*(4.5)		0.99		20	35.0
<b>10</b>	0	<b>6.1</b>	19.3		30		15.5	
	2		15.6		35		10.4	
	5		5.7		40		8.0	
	7		2.0		45		*(50.0)	4.8
	8		*(9.0)		0.93		0	59.9
<b>15</b>	0	<b>7.5</b>	28.8	5	59.8			
	5		16.5	10	54.7			
	7		8.7	15	49.6			
	10		4.1	20	46.3			
	12		*(13.0)	1.9	30	22.3		
<b>20</b>	0	<b>8.6</b>	33.7	40	13.5			
	5		21.2	45	9.8			
	10		8.0	50	7.5			
	12		4.9	55	*(58.3)	4.2		
	15		*(17.5)	2.4	0	61.0		
<b>25</b>	0	<b>9.6</b>	40.0	5	60.1			
	5		29.1	10	58.0			
	10		14.0	15	54.1			
	15		3.3	20	51.6			
	20		*(22.3)	0	34.1			
<b>30</b>	0	<b>10.6</b>	48.2	5	18.3			
	5		32.5	10	11.7			
	10		20.3	15	6.2			
	15		9.6	20	*(67.0)	3.5		
	20		4.2	25	*(26.5)	0	61.9	
<b>35</b>	0	<b>11.4</b>	46.4	5	62.0			
	5		38.1	10	61.7			
	10		29.7	20	56.2			
	15		15.2	30	48.2			
	20		8.2	40	25.2			
<b>40</b>	0	<b>12.2</b>	52.9	50	16.4			
	5		44.8	60	11.0			
	10		35.8	70	5.7			
	15		20.4	75	*(76.0)	3.6		
	20		11.5	0	62.0			
<b>45</b>	0	<b>12.9</b>	56.4	5	62.8			
	5		48.1	10	61.5			
	10		38.5	20	58.3			
	15		29.0	30	52.6			
	20		14.9	40	35.7			
<b>50</b>	0	<b>13.6</b>	58.1	50	20.8			
	5		51.9	60	14.5			
	10		43.0	70	9.6			
	15		35.7	80	*(85.0)	4.9		
	20		20.3	0	63.3			
<b>60</b>	0	<b>14.9</b>	59.3	5	63.5			
	5		57.4	10	63.2			
	10		49.4	20	62.6			
	15		44.1	30	57.2			
	20		35.0	40	55.0			
<b>70</b>	0	<b>16.1</b>	59.9	50	34.4			
	5		59.8	60	22.6			
	10		54.7	70	16.6			
	15		49.6	80	11.8			
	20		46.3	90	7.3			
<b>80</b>	0	<b>17.3</b>	61.0	100	*(102)	0	63.3	
	5		60.1	5	63.5			
	10		58.0	10	63.2			
	15		54.1	20	62.6			
	20		51.6	30	57.2			
<b>90</b>	0	<b>18.3</b>	61.7	40	55.0			
	5		62.0	50	34.4			
	10		61.7	60	22.6			
	20		56.2	70	16.6			
	30		48.2	80	11.8			
<b>100</b>	0	<b>19.3</b>	62.0	90	7.3			
	5		62.0	100	*(102)	0	63.3	
	10		61.7	5	63.5			
	20		56.2	10	63.2			
	30		48.2	20	62.6			
<b>120</b>	0	<b>21.1</b>	63.3	30	57.2			
	5		63.5	40	55.0			
	10		63.2	50	34.4			
	20		62.6	60	22.6			
	30		57.2	70	16.6			

**Injector Performance Table**  
**Air Suction Capacity**  
**Model 784**

Copyright© 2014 REV August 2014

Mazzei Injector Company, LLC  
 500 Rooster Drive, Bakersfield, CA 93307-9555 USA

TEL 661.363.6500 • FAX 661.363.7500 • www.mazzei.net

*\*NUMBERS IN PARENTHESIS indicate the injector outlet pressure when suction stops (Zero Suction Point).*



Operating Pressure kg/cm <sup>2</sup>		AIR SUCTION		Operating Pressure kg/cm <sup>2</sup>		AIR SUCTION		
Injector INLET	Injector OUTLET	Motive Flow l/min	Air Suction l/min	Injector INLET	Injector OUTLET	Motive Flow l/min	Air Suction l/min	
<b>0.35</b>	0.00	<b>16.3</b>	5.5	<b>4.22</b>	0.00	<b>56.6</b>	28.0	
	0.07		4.6		0.35		27.1	
	0.14		2.2		0.70		23.3	
	0.21		1.0		1.05		20.8	
	0.28		*(0.32)		1.41		16.5	
<b>0.70</b>	0.00	<b>23.1</b>	9.1		2.11		7.3	
	0.14		7.4		2.46		4.9	
	0.35		2.7		2.81		3.8	
	0.49		0.94		3.16		*(3.52)	2.3
	0.56		*(0.63)		0.44		0.00	28.3
<b>1.05</b>	0.00	<b>28.3</b>	13.6	0.35	28.2			
	0.35		7.8	0.70	25.8			
	0.49		4.1	1.05	23.4			
	0.70		1.9	1.41	21.8			
	0.84		*(0.91)	0.90	2.11	10.5		
<b>1.41</b>	0.00	<b>32.7</b>	15.9	2.81	6.3			
	0.35		10.0	3.16	4.6			
	0.70		3.8	3.52	3.5			
	0.84		2.3	3.87	*(4.10)	1.9		
	1.05		*(1.23)	1.1	0.00	28.7		
<b>1.76</b>	0.00	<b>36.5</b>	18.9	0.35	28.3			
	0.35		13.7	0.70	27.3			
	0.70		6.6	1.05	25.5			
	1.05		1.5	1.41	24.3			
	1.41		*(1.57)	2.11	16.1			
<b>2.11</b>	0.00	<b>40.0</b>	22.7	2.81	8.6			
	0.35		15.3	3.52	5.5			
	0.70		9.6	4.22	2.9			
	1.05		4.5	4.57	*(4.71)	1.6		
	1.41		2.0	0.00	29.2			
<b>2.46</b>	0.00	<b>43.2</b>	21.9	0.35	29.2			
	0.35		17.9	0.70	29.1			
	0.70		14.0	1.41	26.5			
	1.05		7.1	2.11	22.7			
	1.41		3.8	2.81	11.9			
<b>2.81</b>	1.76	*(1.86)	1.9	3.52	7.7			
	0.00	<b>46.2</b>	25.0	4.22	5.2			
	0.35		21.1	4.92	2.7			
	0.70		16.9	5.27	*(5.34)	1.7		
	1.05		9.6	0.00	29.2			
1.41	5.4		0.35	29.6				
<b>3.16</b>	1.76	*(2.39)	3.3	0.70	29.0			
	2.11	1.4	2.11	1.41	27.5			
	0.00	<b>49.0</b>	26.6	2.81	24.8			
	0.35		22.7	3.52	16.8			
	0.70		18.2	4.22	9.8			
1.05	13.7		4.92	6.8				
1.41	7.0		5.62	*(5.98)	4.5			
<b>3.52</b>	1.76	*(2.67)	4.4	0.00	29.9			
	2.11	2.8	2.8	0.35	30.0			
	2.46	1.2	1.2	0.70	29.8			
	2.81	*(3.01)	1.3	1.41	29.5			
	0.00	<b>51.6</b>	27.4	2.11	27.0			
0.35	24.5		2.81	26.0				
0.70	20.3		3.52	16.2				
1.05	16.8		4.22	10.6				
1.41	9.6		4.92	7.8				
1.76	6.4		5.62	5.5				
2.11	4.3		6.33	3.4				
2.46	2.8		7.03	*(7.17)				
2.81	1.3							

Copyright© 2014 REV August 2014

Mazzei Injector Company, LLC  
 500 Rooster Drive, Bakersfield, CA 93307-9555 USA

TEL 661.363.6500 • FAX 661.363.7500 • www.mazzei.net

*\*NUMBERS IN PARENTHESIS indicate the injector outlet pressure when suction stops (Zero Suction Point).*