



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

Operating Pressure PSIG		WATER SUCTION		Operating Pressure PSIG		WATER SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPH	Water Suction GPH	Injector INLET	Injector OUTLET	Motive Flow GPH	Water Suction GPH
<b>5</b>	0	<b>17.4</b>	5.2	<b>60</b>	0	<b>55.2</b>	8.3
	1		2.6		10		7.8
	2		1.8		20		7.8
	3		1.2		25		7.3
	4		*(3.5)		30		5.7
<b>10</b>	0	<b>19.2</b>	6.2	<b>70</b>	0	<b>59.4</b>	8.3
	2		4.8		10		8.3
	5		1.9		20		8.3
	7		0.8		30		7.4
	8		*(7.7)		35		6.1
<b>15</b>	0	<b>25.2</b>	6.8	<b>80</b>	0	<b>63.6</b>	8.3
	5		4.1		10		8.3
	7		2.9		20		7.4
	10		1.3		30		6.1
	12		*(11.5)		35		4.7
<b>20</b>	0	<b>30.6</b>	7.0	<b>90</b>	0	<b>67.8</b>	8.3
	5		6.1		10		8.3
	10		3.4		20		8.3
	12		1.9		30		8.1
	15		*(16.0)		35		7.5
<b>25</b>	0	<b>34.8</b>	7.8	<b>100</b>	0	<b>71.4</b>	8.3
	5		6.9		10		8.3
	10		4.4		20		7.9
	15		2.3		30		6.9
	20		*(19.5)		35		5.7
<b>30</b>	0	<b>39.0</b>	8.0	<b>120</b>	0	<b>79.2</b>	6.4
	5		7.9		40		6.4
	10		5.6		60		5.8
	15		3.6		80		3.7
	20		1.7		95		1.5
<b>35</b>	0	<b>42.0</b>	8.1	<b>50</b>	0	<b>51.0</b>	8.3
	5		8.0		5		8.3
	10		6.8		10		8.3
	15		5.0		15		8.0
	20		3.0		20		5.9
<b>40</b>	0	<b>45.0</b>	8.1	<b>35</b>	0	<b>48.6</b>	8.3
	5		8.1		5		8.3
	10		7.4		10		8.0
	15		6.3		15		5.9
	20		4.3		20		4.5
<b>45</b>	0	<b>48.6</b>	8.1	<b>25</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>50</b>	0	<b>51.0</b>	8.1	<b>15</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>55</b>	0	<b>55.2</b>	8.1	<b>10</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>60</b>	0	<b>55.2</b>	8.1	<b>5</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>65</b>	0	<b>55.2</b>	8.1	<b>0</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>70</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>75</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>80</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>85</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>90</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5
<b>95</b>	0	<b>55.2</b>	8.1	<b>*(39.0)</b>	0	<b>51.0</b>	8.3
	5		8.1		5		8.3
	10		8.1		10		8.0
	15		6.9		15		5.9
	20		5.5		20		4.5

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

**Model 287**



**Injector Performance Table**  
**Water Suction Capacity - METRIC**

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	1.1	19.68	4.22	0.00	3.5	31.42	
	0.07		9.84		0.70		29.53	
	0.14		6.81		1.41		29.53	
	0.21		4.54		1.76		27.63	
	0.28		*(0.25)		2.11		21.58	
0.70	0.00	1.2	23.47		2.46		15.52	
	0.14		18.17		2.81		10.22	
	0.35		7.19		3.16		*(3.30)	2.65
	0.49		3.02		4.92		0.00	31.42
	0.56		*(0.54)				0.70	31.42
0.00	1.6	25.74	1.41	31.42				
0.35		15.52	2.11	28.01				
0.49		10.98	2.46	23.09				
0.70		4.92	2.81	17.79				
0.84		*(0.81)	3.16	13.25				
1.05	0.00	1.9	26.50	3.52		6.43		
	0.35		23.09	3.87		*(3.87)		
	0.70		12.87	5.62		0.00	31.42	
	0.84		7.19		1.41	31.42		
	1.05		1.89		2.11	30.66		
0.00	2.2	29.53	2.46		28.39			
0.35		26.12	2.81		24.23			
0.70		16.66	3.16		19.68			
1.05		8.70	3.52		15.52			
1.41		*(1.37)	3.87		9.84			
1.76	0.00	2.5	30.28		4.22	3.40		
	0.35		29.90		4.57	*(4.43)		
	0.70		21.20	6.33	0.00	31.42		
	1.05		13.63		1.41	31.42		
	1.41		6.43		2.11	31.42		
1.76	*(1.72)	2.81	29.90					
0.00	2.6	30.66	3.16		26.12			
0.35		30.28	3.52		21.58			
0.70		25.74	3.87		17.79			
1.05		18.93	4.22		13.25			
1.41		11.36	4.57		7.57			
2.11	0.00	2.8	30.66		4.92	*(4.99)	0.75	
	0.35		30.66	7.03	0.00	29.15		
	0.70		28.01		1.41	29.15		
	1.05		23.85		2.81	28.01		
	1.41		16.28		3.52	27.25		
1.76	10.22	4.22	19.68					
2.11	*(2.18)	4.57	15.14					
2.46	0.00	3.1	1.13		4.92	11.36		
	0.35		30.66		5.27	4.92		
	0.70		30.66		5.62	*(5.55)		
	1.05		26.12		8.44	0.00	24.23	
	1.41		20.82	2.81		24.23		
1.76	15.14	4.22	21.96					
2.11	9.08	5.62	14.01					
2.46	*(2.46)	6.33	5.67					
3.16	0.00	3.2	31.42	6.68		*(6.68)		
	0.35		31.42	3.52		0.00	31.42	
	0.70		31.42			0.35	31.42	
	1.05		30.28			0.70	30.28	
	1.41		22.33			1.05	22.33	
	1.76		17.03		1.41	17.03		
	2.11		11.36		1.76	11.36		
	2.46		4.54		2.11	4.54		
	2.81		*(2.74)		2.46			
2.81		2.81						

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

**Model 287**



**Injector Performance Table**  
**Air Suction Capacity**

Operating Pressure PSIG		AIR SUCTION		Operating Pressure PSIG		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPH	Air Suction SCFH	Injector INLET	Injector OUTLET	Motive Flow GPH	Air Suction SCFH
<b>5</b>	0	<b>17.5</b>	<1.0	<b>60</b>	0	<b>54.6</b>	6.0
	1				10		1.0
	2				20		<1.0
	3				25		
	4		*(2.5)		30		
<b>10</b>	0	<b>18.8</b>	1.0		35		
	2		<1.0		40		*(47.0)
	5				45		
	7				0		7.0
<b>15</b>	0	<b>24.8</b>	2.0		10		1.5
	5		<1.0	20	<1.0		
	7			30			
	10			35			
	12		*(11.5)	40			
<b>20</b>	0	<b>30.2</b>	3.0	45			
	5		<1.0	50	*(55.0)		
	10			55			
	12			0	7.0		
<b>25</b>	0	<b>34.2</b>	3.5	20	<1.0		
	5		<1.0	30			
	10			35			
	15			40			
	20		*(19.5)	45			
<b>30</b>	0	<b>38.0</b>	3.5	50			
	5		<1.0	55	*(63.0)		
	10			60			
	15			65			
	20			0	7.0		
<b>35</b>	0	<b>41.5</b>	4.0	20	1.0		
	5		<1.0	30	<1.0		
	10			40			
	15			45			
	20			50			
<b>40</b>	0	<b>44.4</b>	4.5	55			
	5		1.0	60			
	10		<1.0	65			
	15			70			
	20			75	*(79.0)		
<b>45</b>	0	<b>47.2</b>	4.5	0	7.0		
	5		2.0	40	<1.0		
	10		<1.0	60			
	15			80			
	20			0	7.0		
<b>50</b>	0	<b>49.9</b>	4.5	40	<1.0		
	5		2.5	60			
	10		<1.0	80			
	15			90			
	20			95	*(95.0)		

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**Model 287**



**Injector Performance Table**  
**Air Suction Capacity - METRIC**

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		
0.35	0.00	1.1	<0.25	4.22	0.00	3.4	2.8		
	0.07		0.5						
	0.14		<0.25						
	0.21								
	0.28		*(0.25)						
0.70	0.00	1.2	0.47		0.00		4.92	3.7	3.3
	0.14		<0.25		0.70				0.7
	0.35				1.41				<0.25
	0.49				2.11				
1.05	0.00	1.6	0.94		2.46				5.62
	0.35		<0.25	2.81					
	0.49			3.16					
	0.70			3.52					
	0.84		*(0.81)	3.87					
1.41	0.00	1.9	1.4	0.00	6.33	4.2			
	0.35		<0.25	1.41			<0.25		
	0.70			2.11					
	0.84			2.46					
1.76	0.00	2.2	1.6	2.81			7.03	4.4	
	0.35		<0.25	3.16					
	0.70			3.52					
	1.05			3.87					
	1.41		*(1.37)	4.22					
2.11	0.00	2.4	1.6	4.57					8.44
	0.35		<0.25	4.22	<0.25				
	0.70			4.57					
	1.05			4.92					
	1.41		*(1.72)	5.27					
2.46	0.00	2.6	1.8	5.62	3.16	3.0	3.3		
	0.35		<0.25	4.92			<0.25		
	0.70			5.27					
	1.05			5.62					
	1.41		*(1.90)	6.33					
	1.76			6.68					
2.81	0.00	2.8	2.1	0.00			3.52	2.8	3.3
	0.35		0.47	0.00					<0.25
	0.70		<0.25	2.81					0.5
	1.05			3.16					<0.25
	1.41			3.52					
	1.76		*(2.18)	3.87					
3.16	0.00	3.0	2.1	4.22	3.92	2.8			3.3
	0.35		0.94	4.57					<0.25
	0.70		<0.25	4.92					
	1.05			5.27					
	1.41			5.62					
	1.76		*(2.46)	6.33					
3.52	0.00	3.1	2.1	6.68			3.52	2.8	3.3
	0.35		1.1	0.00					<0.25
	0.70		<0.25	2.81					0.5
	1.05			3.16					<0.25
	1.41			3.52					
	1.76			3.87					
	2.11		*(2.74)	4.22					
2.46		4.57							
2.81		4.92							

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