



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
5	0	3.6	78.0	60	0	12.3	140
	1		62.5		5		140
	2		42.7		10		140
	3		15.5		15		140
	4		*(4.0)		20		138
10	0	5.0	115		30		110
	2		90.7		35		73.3
	5		44.7		40		33.2
	7		19.4		45		*(43.0)
	8		*(7.5)				
15	0	6.2	135	70	0	13.3	141
	5		83.1		5		141
	7		58.0		10		140
	10		19.1		15		140
	12		*(11.0)		20		140
20	0	7.1	141		30		135
	5		117		40		87.6
	10		57.6		45		44.5
	12		36.1		50		
	15		*(14.0)		55		*(51.0)
25	0	8.0	142	80	0	14.2	139
	5		135		5		139
	10		96.5		10		140
	15		38.4		15		139
	20		*(17.0)		20		140
30	0	8.7	144		30		139
	5		140		40		124
	10		125		50		60.0
	15		69.3		60		
	20		14.3		65		*(57.0)
35	0	9.4	142	90	0	15.1	141
	5		141		5		139
	10		135		10		141
	15		106		20		139
	20		54.1		30		140
40	0	10.1	140		40		136
	5		141		50		103
	10		139		60		34.7
	15		128		70		
	20		90.4		75		*(66.0)
45	0	10.7	140	100	0	15.9	141
	5		139		5		141
	10		139		10		141
	15		134		20		141
	20		112		30		140
50	0	11.3	139		40		139
	5		140		50		130
	10		140		60		87.7
	15		139		70		32.5
	20		128		80		*(73.0)
60	0	12.3	139	120	0	17.4	140
	5		140		5		140
	10		140		10		140
	15		139		20		140
	20		128		30		140
	25		106		40		140
	30		58.9		50		135
	35		12.9		60		131
	40		*(36.0)		70		84.6
		80	28.0				
		90					
		100	*(85.0)				

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

Model 885X



Operating Pressure kg/cm ²		WATER SUCTION		Operating Pressure kg/cm ²		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	13.5	295	4.22	0.00	46.7	532
	0.07		236		0.35		532
	0.14		161		0.70		533
	0.21		58.6		1.05		533
	0.28		*(0.28)		1.41		524
0.70	0.00	19.1	438		2.11		417
	0.14		343		2.46		277
	0.35		169		2.81		125
	0.49		73.4		3.16		*(3.02)
	0.56		*(0.53)				
1.05	0.00	23.4	512	4.92	0.00	50.5	533
	0.35		314		0.35		533
	0.49		219		0.70		531
	0.70		72.5		1.05		531
	0.84		*(0.77)		1.41		532
1.41	0.00	27.0	537		2.11		513
	0.35		444		2.81		331
	0.70		218		3.16		168
	0.84		136		3.52		
	1.05		*(0.98)		3.87		*(3.59)
1.76	0.00	30.1	540	5.62	0.00	53.9	528
	0.35		513		0.35		528
	0.70		365		0.70		532
	1.05		145		1.05		528
	1.41		*(1.20)		1.41		532
2.11	0.00	33.0	543		2.11		528
	0.35		532		2.81		469
	0.70		474		3.52		227
	1.05		262		4.22		
	1.41		54.3		4.57		*(4.01)
	1.76		*(1.44)				
2.46	0.00	35.7	538	6.33	0.00	57.2	535
	0.35		536		0.35		529
	0.70		513		0.70		535
	1.05		403		1.41		529
	1.41		205		2.11		531
	1.76		*(1.69)		2.81		517
2.81	0.00	38.1	533		3.52		391
	0.35		533		4.22		131
	0.70		526		4.92		
	1.05		484		5.27		*(4.64)
	1.41		342				
	1.76		139				
3.16	0.00	40.5	533	7.03	0.00	60.3	534
	0.35		528		0.35		534
	0.70		526		0.70		534
	1.05		510		1.41		534
	1.41		424		2.11		531
	1.76		281		2.81		528
	2.11		87.7		3.52		495
	2.46		*(2.18)		4.22		332
3.52	0.00	42.6	528		4.92		123
	0.35		531		5.62		*(5.13)
	0.70		531				
	1.05		526	0.00	531		
	1.41		484	0.35	532		
	1.76		404	0.70	531		
	2.11		223	1.41	532		
	2.46		48.9	2.11	531		
	2.81		*(2.53)	2.81	532		
				3.52	511		
		4.22	496				
		4.92	320				
		5.62	106				
		6.33					
		7.03	*(5.98)				



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
5	0	3.4	18.3	60	0	11.7	120
	1		9.0		5		58.2
	2		1.4		10		45.1
	3				15		23.0
	4		*(4.0)		20		16.3
10	0	4.8	26.9		30		8.7
	2		15.2		35		6.5
	5		1.8		40		3.0
	7				45		*(43.0)
	8		*(7.5)				
15	0	5.9	38.3	70	0	12.7	135
	5		7.9		5		63.5
	7		3.4		10		46.3
	10				15		29.9
	12		*(11.0)		20		22.5
20	0	6.8	47.1		30		12.8
	5		13.5		40		7.6
	10		3.6		45		5.3
	12				50		
	15		*(14.0)		55		*(51.0)
25	0	7.6	57.1	80	0	13.5	154
	5		27.9		5		61.1
	10		7.1		10		55.2
	15		2.8		15		34.2
	20		*(17.0)		20		28.7
30	0	8.3	66.9		30		16.2
	5		46.2		40		10.1
	10		12.3		50		6.2
	15		5.5		60		
	20		2.0		65		*(57.0)
35	0	9.0	87.4	90	0	14.4	168
	5		27.4		5		68.3
	10		16.0		10		61.6
	15		7.9		20		35.0
	20		4.3		30		19.7
40	0	9.6	80.8		40		13.0
	5		39.2		50		8.8
	10		21.3		60		4.6
	15		11.2		70		
	25		6.8		75		*(66.0)
45	0	10.2	77.1	100	0	15.1	184
	5		48.7		5		73.4
	10		27.2		10		65.1
	15		14.7		20		42.5
	20		9.1		30		24.1
50	25	10.7	6.5		40		15.9
	30		3.5		50		11.3
	35				60		7.8
	40		*(31.0)		70		
					80		*(73.0)
60	0	10.7	83.8	120	0	16.6	209
	5		49.6		5		79.8
	10		32.2		10		73.2
	15		17.7		20		52.7
	20		11.2		30		28.5
	25		7.5		40		21.4
	30		4.8		50		16.8
	35				60		11.6
	40		*(36.0)		70		9.9
					80		3.8
		90					
		100	*(85.0)				

Injector Performance Table
Air Suction Capacity
Model 885X

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



Injector Performance Table
Air Suction Capacity - METRIC

Model 885X

Operating Pressure kg/cm ²		AIR SUCTION		Operating Pressure kg/cm ²		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	12.8	8.6	4.22	0.00	44.4	56.8
	0.07		4.2		0.35		27.5
	0.14		0.69		0.70		21.3
	0.21				1.05		10.8
	0.28		*(0.28)		1.41		7.7
0.70	0.00	18.1	12.7		2.11		4.1
	0.14		7.1		2.46		3.1
	0.35		0.87		2.81		1.4
	0.49				3.16		*(3.02)
	0.56		*(0.53)		0.00		63.9
1.05	0.00	22.2	18.1	0.35	29.9		
	0.35		3.7	0.70	21.8		
	0.49		1.6	1.05	14.1		
	0.70			1.41	10.6		
	0.84		*(0.77)	2.11	6.0		
1.41	0.00	25.6	22.2	2.81	3.6		
	0.35		6.4	3.16	2.5		
	0.70		1.7	3.52			
	0.84			3.87	*(3.59)		
	1.05		*(0.98)	0.00	72.9		
1.76	0.00	28.7	26.9	0.35	28.8		
	0.35		13.1	0.70	26.0		
	0.70		3.3	1.05	16.1		
	1.05		1.3	1.41	13.5		
	1.41		*(1.20)	2.11	7.6		
2.11	0.00	31.4	31.5	2.81	4.7		
	0.35		21.8	3.52	2.9		
	0.70		5.8	4.22			
	1.05		2.6	4.57	*(4.01)		
	1.41		0.98	0.00	79.3		
2.46	0.00	33.9	41.2	0.35	32.2		
	0.35		12.9	0.70	29.1		
	0.70		7.5	1.41	16.5		
	1.05		3.7	2.11	9.3		
	1.41		2.0	2.81	6.1		
2.81	0.00	36.3	38.1	3.52	4.1		
	0.35		18.5	4.22	2.1		
	0.70		10.0	4.92			
	1.05		5.3	5.27	*(4.64)		
	1.41		3.2	0.00	87.3		
3.16	0.00	38.5	36.4	0.35	34.6		
	0.35		22.9	0.70	30.7		
	0.70		12.8	1.41	20.1		
	1.05		6.9	2.11	11.3		
	1.41		4.3	2.81	7.5		
3.52	0.00	40.5	39.5	3.52	5.3		
	0.35		23.4	4.22	3.6		
	0.70		15.2	4.92			
	1.05		8.3	5.62	*(5.13)		
	1.41		5.3	0.00	98.8		
3.52	1.76	40.5	3.5	0.35	37.6		
	2.11		2.3	0.70	34.5		
	2.46			1.41	24.9		
	2.81		*(2.53)	2.11	13.4		
				2.81	10.1		
				3.52	7.9		
				4.22	5.4		
				4.92	4.6		
		5.62	1.8				
		6.33					
		7.03	*(5.98)				

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