



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	0.71	11.7	60	0	2.5	34.3			
	1		8.6		5		34.2			
	2		4.0		10		34.0			
	3		15		31.9					
	4	*(2.9)			20		24.1			
10	0	1.0	17.5		30		9.1			
	2		13.5		35		1.5			
	5		2.0		40					
	7				45		*(35.4)			
	8		*(6.6)							
15	0	1.2	27.7	70	0	2.6	35.1			
	5		11.7		5		35.8			
	7		4.1		10		34.7			
	10				15		32.9			
	12		*(9.6)				20	30.7		
20	0	1.4	29.6		30		17.9			
	5		17.1		40		3.4			
	10		3.0		45					
	12				50		*(41.5)			
	15		*(12.4)				55			
25	0	1.6	33.1	80	0	2.8	34.5			
	5		22.4		5		34.2			
	10		11.2		10		34.6			
	15				15		32.9			
	20		*(15.0)				20	31.6		
30	0	1.7	33.8		30		26.3			
	5		24.6		40		11.7			
	10		17.3		50					
	15		6.9		60		*(47.2)			
	20				65					
35	0	1.9	33.7	90	0	3.0	34.8			
	5		29.0		5		34.2			
	10		19.1		10		34.4			
	15		10.7		20		32.9			
	20				30		29.6			
40	0	2.0	33.9		40		18.4			
	5		31.5		50		4.8			
	10		24.1		60					
	15		14.2		70		*(53.1)			
	20		3.5		75					
45	0	2.1	33.9	100	0	3.2	33.5			
	5		31.6		5		33.0			
	10		30.7		10		32.6			
	15		18.9		20		31.8			
	20		11.0		30		31.6			
50	25	2.2	1.4		40		29.3			
	30				50		12.2			
	35		*(26.1)							
	0		2.2		33.8		120	0	3.5	33.9
	5				32.7			5		33.6
10	31.7	10		33.1						
15	25.3	20		31.7						
20	15.2	30		30.5						
25	6.7	40	30.5							
30		50	25.1							
35		60	13.9							
40	*(28.7)		2.1							
				70						
				80						
				90						
				100	*(71.3)					

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

Model 384X



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	2.7	44.3	4.22	0.00	9.3	130		
	0.07		32.8		0.35		129		
	0.14		15.2		0.70		128		
	0.21				1.05		120		
	0.28		*(0.20)		1.41		91.5		
0.70	0.00	3.8	66.4		2.11		34.4		
	0.14		51.3		2.46		5.8		
	0.35		7.6		2.81				
	0.49				3.16		*(2.49)		
	0.56		*(0.46)						
1.05	0.00	4.6	105	4.92	0.00	10.0	133		
	0.35		44.3		0.35		135		
	0.49		15.7		0.70		131		
	0.70				1.05		124		
	0.84		*(0.68)		1.41		116		
1.41	0.00	5.4	112		2.11		68.0		
	0.35		65.0		2.81		12.9		
	0.70		11.4		3.16				
	0.84				3.52				
	1.05		*(0.87)		3.87		*(2.92)		
1.76	0.00	6.0	125	5.62	0.00	10.7	130		
	0.35		84.8		0.35		129		
	0.70		42.4		0.70		131		
	1.05				1.05		124		
	1.41		*(1.06)		1.41		119		
2.11	0.00	6.6	128		2.11		99.8		
	0.35		93.3		2.81		44.4		
	0.70		65.5		3.52				
	1.05		26.4		4.22				
	1.41				4.57		*(3.32)		
	1.76		*(1.27)						
2.46	0.00	7.1	127	6.33	0.00	11.4	132		
	0.35		110		0.35		129		
	0.70		72.6		0.70		130		
	1.05		40.5		1.41		124		
	1.41				2.11		112		
	1.76		*(1.46)		2.81		69.9		
2.81	0.00	7.6	128		3.52		18.3		
	0.35		119		4.22				
	0.70		91.2		4.92				
	1.05		53.9		5.27		*(3.73)		
	1.41		13.4						
	1.76		*(1.60)						
3.16	0.00	8.0	128	7.03	0.00	12.0	127		
	0.35		119		0.35		125		
	0.70		116		0.70		123		
	1.05		71.7		1.41		120		
	1.41		41.8		2.11		119		
	1.76		5.4		2.81		111		
	2.11				3.52		46.3		
2.46	*(1.84)	4.22							
3.52	0.00	8.5	128		8.44		0.00	13.1	128
	0.35		124				0.35		127
	0.70		120	0.70		125			
	1.05		95.9	1.41		120			
	1.41		57.6	2.11		115			
	1.76		25.3	2.81		115			
	2.11			3.52		95.2			
	2.46			4.22		52.8			
	2.81		*(2.02)	4.92		7.9			
				5.62					
		6.33							
		7.03	*(5.01)						

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



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	0.68	1.4	60	0	2.3	25.7		
	1		0.50		5		8.2		
	2		0.21		10		3.8		
	3				15		2.3		
	4		*(2.9)		20		1.9		
10	0	0.96	8.0		30				
	2		0.93		35				
	5		0.43		40				
	7				45		*(35.4)		
	8		*(6.6)						
15	0	1.2	11.6	70	0	2.5	30.6		
	5		0.90		5		13.6		
	7		0.60		10		5.5		
	10				15		2.9		
	12		*(9.6)		20		2.1		
20	0	1.4	13.8		30				
	5		1.3		40				
	10		0.71		45				
	12				50				
	15		*(12.4)		55		*(41.5)		
25	0	1.5	15.5	80	0	2.7	35.2		
	5		2.0		5		18.2		
	10		1.04		10		6.6		
	15				15		3.9		
	20		*(15.0)		20		2.5		
30	0	1.7	19.3		30				
	5		2.8		40				
	10		1.2		50				
	15		0.82		60				
	20				65		*(47.2)		
35	0	1.8	20.3	90	0	2.9	35.5		
	5		3.3		5		26.3		
	10		1.6		10		7.9		
	15		1.0		20		2.9		
	20				30		2.1		
40	0	1.9	22.1		40				
	5		4.3		50				
	10		1.9		60				
	15		1.3		70				
	25				75		*(53.1)		
45	0	2.0	25.7	100	0	3.0	37.5		
	5		5.4		5		28.0		
	10		2.2		10		9.2		
	15		1.6		20		3.8		
	20				30		2.4		
50	0	2.1	25.6		40				2.0
	5		6.4		50				
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7		60				
	15		1.8		70				
	20				80				
50	0	2.1	25.6	120	0	3.3	41.8		
	5		6.4		5		35.5		
	10		2.7		10		12.5		
	15		1.8		20		5.5		
	20				30		3.1		
50	0	2.1	25.6		40				2.6
	5		6.4		50				2.0
	10		2.7						



Injector Performance Table
Air Suction Capacity - METRIC

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	2.6	0.66	4.22	0.00	8.9	12.1		
	0.07		0.23		0.35		3.9		
	0.14		0.10		0.70		1.8		
	0.21				1.05		1.1		
	0.28		*(0.20)		1.41		0.90		
0.70	0.00	3.6	3.8		2.11				
	0.14		0.44		2.46				
	0.35		0.20		2.81				
	0.49				3.16		*(2.49)		
	0.56		*(0.46)						
1.05	0.00	4.4	5.5	4.92	0.00	9.6	14.4		
	0.35		0.42		0.35		6.4		
	0.49		0.28		0.70		2.6		
	0.70				1.05		1.4		
	0.84		*(0.68)		1.41		1.0		
1.41	0.00	5.1	6.5		2.11				
	0.35		0.63		2.81				
	0.70		0.33		3.16				
	0.84				3.52				
	1.05		*(0.87)		3.87		*(2.92)		
1.76	0.00	5.7	7.3	5.62	0.00	10.3	16.6		
	0.35		0.98		0.35		8.6		
	0.70		0.49		0.70		3.1		
	1.05				1.05		1.8		
	1.41		*(1.06)		1.41		1.1		
2.11	0.00	6.3	9.1		2.11				0.91
	0.35		1.3		2.81				
	0.70		0.61		3.52				
	1.05		0.38		4.22				
	1.41				4.57		*(3.32)		
2.46	0.00	6.8	9.6	6.33	0.00	10.9	16.7		
	0.35		1.5		0.35		12.4		
	0.70		0.76		0.70		3.7		
	1.05		0.51		1.41		1.3		
	1.41				2.11		1.0		
2.81	0.00	7.3	10.4		2.81				0.71
	0.35		2.0		3.52				
	0.70		0.89		4.22				
	1.05		0.65		4.92				
	1.41				5.27		*(3.73)		
3.16	0.00	7.7	12.1	7.03	0.00	11.5	17.7		
	0.35		2.5		0.35		13.2		
	0.70		1.0		0.70		4.3		
	1.05		0.76		1.41		1.8		
	1.41				2.11		1.1		
3.52	0.00	8.1	12.0		2.81				0.96
	0.35		3.0		3.52				
	0.70		1.2		4.22				
	1.05		0.88		4.92				
	1.41				5.62		*(4.15)		
3.52	0.00	8.1	12.0	8.44	0.00	12.6	19.7		
	0.35		3.0		0.35		16.7		
	0.70		1.2		0.70		5.9		
	1.05		0.88		1.41		2.6		
	1.41				2.11		1.4		
3.52	0.00	8.1	12.0		2.81				1.2
	0.35		3.0		3.52		0.94		
	0.70		1.2		4.22				
	1.05		0.88		4.92				
	1.41				5.62				
3.52	0.00	8.1	12.0	6.33					
	0.35		3.0	7.03	*(5.01)				
	0.70		1.2						
	1.05		0.88						
	1.41								

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

Model 384X