



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	1.2	23.5	60	0	4.1	42.4			
	1		16.6		5		42.2			
	2		11.9		10		38.3			
	3		7.3		15		38.0			
	4		*(3.5)		20		37.5			
10	0	1.7	29.7		30		23.1			
	2		23.0		35					
	5		11.8		40					
	7		3.7		45		*(34.6)			
	8		*(7.5)							
15	0	2.1	38.6	70	0	4.5	42.3			
	5		20.9		5		42.5			
	7		15.6		10		39.5			
	10				15		37.2			
	12		*(8.7)		20		35.6			
20	0	2.4	39.5		30		31.3			
	5		27.6		40		16.3			
	10		13.3		45					
	12		8.4		50					
	15		*(13.2)		55		*(40.7)			
25	0	2.7	39.5	80	0	4.8	42.3			
	5		32.1		5		41.9			
	10		22.0		10		41.8			
	15		9.9		15		40.7			
	20		*(16.5)		20		40.7			
30	0	2.9	39.7		30		39.7			
	5		38.1		40		26.9			
	10		28.8		50		6.8			
	15		17.0		60					
	20		*(17.2)		65		*(51.9)			
35	0	3.1	40.3	90	0	5.1	42.2			
	5		39.3		5		41.9			
	10		33.8		10		40.7			
	15		24.2		20		40.7			
	20		14.7		30		39.4			
40	0	3.4	40.8		40		33.4			
	5		38.6		50		26.3			
	10		38.5		60					
	15		29.9		70					
	20		20.6		75		*(54.3)			
45	0	3.6	41.4	100	0	5.3	42.4			
	5		39.0		5		41.9			
	10		37.9		10		40.7			
	15		34.9		20		39.6			
	20		26.9		30		40.7			
50	25	3.8	18.2		40		34.9			
	30				50		27.0			
	35		*(25.4)		60					
	0		3.8		41.6		120	0	5.8	45.8
	5				40.4			5		43.8
10	39.1	10		43.2						
15	37.3	20		41.9						
20	29.4	30		40.1						
25	20.2	40	36.8							
30		50	32.0							
35		60	24.8							
40	*(29.0)	70	20.3							
		80								
		90								
		100	*(71.2)							

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

Model 484X



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	4.5	89.0	4.22	0.00	15.6	160
	0.07		63.2		0.35		160
	0.14		45.2		0.70		144
	0.21		27.8		1.05		144
	0.28		*(0.25)		1.41		142
0.70	0.00	6.4	112		2.11		87.5
	0.14		87.3		2.46		
	0.35		44.9		2.81		
	0.49		14.2		3.16		*(2.43)
	0.56		*(0.53)				
1.05	0.00	7.8	146	4.92	0.00	16.9	160
	0.35		79.4		0.35		161
	0.49		59.2		0.70		149
	0.70				1.05		141
	0.84		*(0.61)		1.41		134
1.41	0.00	9.0	149		2.11		118
	0.35		104		2.81		61.8
	0.70		50.6		3.16		
	0.84		31.9		3.52		
	1.05		*(0.93)		3.87		*(2.86)
1.76	0.00	10.1	149	5.62	0.00	18.0	160
	0.35		121		0.35		158
	0.70		83.4		0.70		158
	1.05		37.5		1.05		154
	1.41		*(1.16)		1.41		154
2.11	0.00	11.1	150		2.11		150
	0.35		144		2.81		102
	0.70		109		3.52		25.8
	1.05		64.3		4.22		
	1.41		*(1.20)		4.57		*(3.65)
2.46	0.00	11.9	152	6.33	0.00	19.1	159
	0.35		148		0.35		158
	0.70		128		0.70		154
	1.05		91.8		1.41		154
	1.41		55.9		2.11		149
	1.76		*(1.65)		2.81		126
2.81	0.00	12.8	154		3.52		99.5
	0.35		146		4.22		
	0.70		145		4.92		*(3.81)
	1.05		113		5.27		
	1.41		78.3	0.00	7.03	20.2	160
	1.76		24.7	0.35			158
2.11	*(1.84)	0.70	154				
2.46		1.41	150				
0.00	13.5	156	2.11	154			
0.35		147	2.81	132			
0.70		143	3.52	102			
1.05		132	4.22				
1.41		101	4.92				
1.76		69.0	5.62	*(4.19)			
2.11		*(1.78)	0.00	8.44	22.1	173	
2.46			0.35			166	
0.00	14.3	157	0.70			163	
0.35		153	1.41			158	
0.70		148	2.11			152	
1.05		141	2.81			139	
1.41		111	3.52			121	
1.76		76.7	4.22			93.9	
2.11			4.92			77.1	
2.46			5.62				
2.81		*(2.04)	6.33				
			7.03	*(5.00)			



Injector Performance Table
Air Suction Capacity

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	1.1	7.8	60	0	4.0	36.6
	1		2.7		5		30.3
	2		0.67		10		16.3
	3		0.48		15		10.1
	4		*(3.5)		20		5.2
10	0	1.6	13.1		30		2.7
	2		3.9		35		
	5		1.1		40		
	7		0.38		45		*(34.6)
	8		*(7.5)				
15	0	2.0	17.7	70	0	4.3	39.6
	5		2.8		5		31.6
	7		1.5		10		20.9
	10				15		15.1
	12		*(8.7)		20		7.5
20	0	2.3	21.4		30		3.7
	5		5.3		40		2.4
	10		1.4		45		
	12		0.99		50		
	15		*(13.2)		55		*(40.7)
25	0	2.6	24.8	80	0	4.6	40.2
	5		8.4		5		38.2
	10		2.0		10		28.8
	15		1.2		15		18.3
	20		*(16.5)		20		10.0
30	0	2.8	27.4		30		5.0
	5		10.4		40		3.1
	10		3.3		50		2.1
	15		1.8		60		
	20		*(17.2)		65		*(51.9)
35	0	3.0	30.5	90	0	4.8	42.6
	5		14.2		5		39.7
	10		4.7		10		32.9
	15		2.3		20		15.9
	20		1.8		30		7.2
40	0	3.2	32.9		40		4.5
	5		16.9		50		2.9
	10		7.3		60		
	15		3.1		70		
	20		2.4		75		*(54.3)
45	0	3.4	33.0	100	0	5.1	44.4
	5		19.9		5		42.6
	10		8.9		10		36.6
	15		4.2		20		18.7
	20		2.5		30		10.3
50	0	3.6	33.8		40		6.0
	5		23.5		50		3.9
	10		11.6		60		
	15		5.4		70		
	20		3.3		80		*(59.7)
60	0	3.8	33.8	120	0	5.6	48.7
	5		23.5		5		47.0
	10		11.6		10		42.6
	15		5.4		20		26.1
	20		3.3		30		15.0
70	0	4.0	33.8		40		8.4
	5		23.5		50		5.6
	10		11.6		60		4.1
	15		5.4		70		3.0
	20		3.3		80		
80	0	4.2	33.8	90			
	5		23.5	100	*(71.2)		
	10		11.6				
	15		5.4				
	20		3.3				
90	0	4.4	33.8				
	5		23.5				
	10		11.6				
	15		5.4				
	20		3.3				
100	0	4.6	33.8				
	5		23.5				
	10		11.6				
	15		5.4				
	20		3.3				
110	0	4.8	33.8				
	5		23.5				
	10		11.6				
	15		5.4				
	20		3.3				
120	0	5.0	33.8				
	5		23.5				
	10		11.6				
	15		5.4				
	20		3.3				

Model 484X

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Injector Performance Table
Air Suction Capacity - METRIC

Model 484X

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	4.3	3.7	4.22	0.00	15.0	17.2			
	0.07		1.2		0.35		14.3			
	0.14		0.31		0.70		7.7			
	0.21		0.22		1.05		4.8			
	0.28		*(0.25)		1.41		2.4			
0.70	0.00	6.1	6.1		2.11		1.3	4.92	0.00	18.7
	0.14		1.8		0.35		14.9			
	0.35		0.54		0.70		9.8			
	0.49		0.18		1.05		7.1			
	0.56		*(0.53)		1.41		3.5			
1.05	0.00	7.5	8.3	2.11	1.7	5.62	2.81		1.1	
	0.35		1.3	3.16	19.0					
	0.49		0.72	3.52	18.0					
	0.70		*(0.61)	3.87	13.6					
	0.84		10.1	4.22	8.6					
1.41	0.00	8.6	2.5	4.57	*(3.65)		6.33	0.00	20.1	
	0.35		0.69	0.35	18.7					
	0.70		0.47	0.70	15.5					
	0.84		*(0.93)	1.41	7.5					
	1.05		11.7	2.11	3.4					
1.76	0.00	9.7	11.7	2.81	1.4	7.03		0.00	20.9	
	0.35		3.9	3.52	20.1					
	0.70		0.98	4.22	17.2					
	1.05		0.60	4.92	8.8					
	1.41		*(1.16)	5.27	4.8					
2.11	0.00	10.6	12.9	5.62	1.8		8.44	0.00	23.0	
	0.35		4.9	0.00	22.2					
	0.70		1.5	0.35	20.1					
	1.05		0.88	0.70	17.2					
	1.41		*(1.20)	1.41	8.8					
2.46	0.00	11.4	14.4	2.11	3.4	3.16		0.00	16.0	
	0.35		6.7	2.81	7.0					
	0.70		2.2	3.52	3.9					
	1.05		1.1	4.22	2.6					
	1.41		0.86	4.92	1.9					
2.81	0.00	12.2	15.5	5.62	1.4		3.52	0.00	11.1	
	0.35		8.0	0.00	10.3					
	0.70		3.4	0.35	9.4					
	1.05		1.5	0.70	4.2					
	1.41		1.1	1.41	1.9					
3.16	0.00	13.0	15.5	2.11	1.2	3.70		0.00	11.1	
	0.35		9.4	2.81	0.98					
	0.70		4.2	3.52	1.8					
	1.05		1.9	4.22	1.8					
	1.41		1.2	4.92	1.8					
3.52	0.00	13.7	16.0	5.62	1.8		3.87	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
3.70	0.00	14.4	16.0	5.62	1.4	3.92		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
3.92	0.00	15.1	16.0	7.03	1.4		4.00	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.00	0.00	15.8	16.0	7.03	1.4	4.07		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.22	0.00	16.5	16.0	7.03	1.4		4.14	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.41	0.00	17.2	16.0	7.03	1.4	4.21		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.60	0.00	17.9	16.0	7.03	1.4		4.28	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.79	0.00	18.6	16.0	7.03	1.4	4.35		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
4.98	0.00	19.3	16.0	7.03	1.4		4.42	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
5.17	0.00	20.0	16.0	7.03	1.4	4.49		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
5.36	0.00	20.7	16.0	7.03	1.4		4.56	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
5.55	0.00	21.4	16.0	7.03	1.4	4.63		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
5.74	0.00	22.1	16.0	7.03	1.4		4.70	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
5.93	0.00	22.8	16.0	7.03	1.4	4.77		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
6.12	0.00	23.5	16.0	7.03	1.4		4.84	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
6.31	0.00	24.2	16.0	7.03	1.4	4.91		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
6.50	0.00	24.9	16.0	7.03	1.4		4.98	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
6.69	0.00	25.6	16.0	7.03	1.4	5.05		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
6.88	0.00	26.3	16.0	7.03	1.4		5.12	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
7.07	0.00	27.0	16.0	7.03	1.4	5.19		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
7.26	0.00	27.7	16.0	7.03	1.4		5.26	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
7.45	0.00	28.4	16.0	7.03	1.4	5.33		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
7.64	0.00	29.1	16.0	7.03	1.4		5.40	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
7.83	0.00	29.8	16.0	7.03	1.4	5.47		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.02	0.00	30.5	16.0	7.03	1.4		5.54	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.21	0.00	31.2	16.0	7.03	1.4	5.61		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.40	0.00	31.9	16.0	7.03	1.4		5.68	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.59	0.00	32.6	16.0	7.03	1.4	5.75		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.78	0.00	33.3	16.0	7.03	1.4		5.82	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
8.97	0.00	34.0	16.0	7.03	1.4	5.89		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
9.16	0.00	34.7	16.0	7.03	1.4		5.96	0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
9.35	0.00	35.4	16.0	7.03	1.4	6.03		0.00	11.1	
	0.35		11.1	0.00	10.3					
	0.70		5.5	0.35	9.4					
	1.05		2.5	0.70	4.2					
	1.41		1.5	1.41	1.9					
9.54	0.00	36.1	16.0	7.03	1.4		6.10	0.00	11.1	
	0.35		11.1	0.00	10.3					