Injector Performance Table
Water Suction Capacity

Model 484X

Operating Pressure PSIG		WATER SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	*Water Suction* GPH
5	0	1.2	23.5
	1		16.6
	2		11.9
	3		7.3
	4	*(3.5)	
10	0	1.7	29.7
	2		23.0
	5		11.8
	7		3.7
	8	*(7.5)	
15	0	2.1	38.6
	5		20.9
	7		15.6
	10		
	12	*(8.7)	
20	0	2.4	39.5
	5		27.6
	10		13.3
	12		8.4
	15	*(13.2)	
25	0	2.7	39.5
	5		32.1
	10		22.0
	15		9.9
	20	*(16.5)	
30	0	2.9	39.7
	5		38.1
	10		28.8
	15		17.0
	20		
	25	*(17.2)	
35	0	3.1	40.3
	5		39.3
	10		33.8
	15		24.2
	20		14.7
	25	*(23.5)	
40	0	3.4	40.8
	5		38.6
	10		38.5
	15		29.9
	20		20.6
	25		6.5
	30	*(26.1)	
45	0	3.6	41.4
	5		39.0
	10		37.9
	15		34.9
	20		26.9
	25		18.2
	30		
	35	*(25.4)	
50	0	3.8	41.6
	5		40.4
	10		39.1
	15		37.3
	20		29.4
	25		20.2
	30		
	35		
	40	*(29.0)	

Operating Pressure PSIG		WATER SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	*Water Suction* GPH
60	0	4.1	42.4
	5		42.2
	10		38.3
	15		38.0
	20		37.5
	30		23.1
	35		
	40		
	45	*(34.6)	
70	0	4.5	42.3
	5		42.5
	10		39.5
	15		37.2
	20		35.6
	30		31.3
	40		16.3
	45		
	50		
	55	*(40.7)	
80	0	4.8	42.3
	5		41.9
	10		41.8
	15		40.7
	20		40.7
	30		39.7
	40		26.9
	50		6.8
	60		
	65	*(51.9)	
90	0	5.1	42.2
	5		41.9
	10		40.7
	20		40.7
	30		39.4
	40		33.4
	50		26.3
	60		
	70		
	75	*(54.3)	
100	0	5.3	42.4
	5		41.9
	10		40.7
	20		39.6
	30		40.7
	40		34.9
	50		27.0
	60		
	70		
	80	*(59.7)	
120	0	5.8	45.8
	5		43.8
	10		43.2
	20		41.9
	30		40.1
	40		36.8
	50		32.0
	60		24.8
	70		20.3
	80		
	90		
	100	*(71.2)	

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

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Injector Performance Table

Water Suction Capacity - METRIC

Model 484X

Operating Pressure kg/cm²		WATER SUCTION	
Injector Inlet	Injector Outlet	Motive Flow l/min	*Water Suction* l/hr
0.35	0.00	4.5	89.0
	0.07		63.2
	0.14		45.2
	0.21		27.8
	0.28	*(0.25)	
0.70	0.00	6.4	112
	0.14		87.3
	0.35		44.9
	0.49		14.2
	0.56	*(0.53)	
1.05	0.00	7.8	146
	0.35		79.4
	0.49		59.2
	0.70		
	0.84	*(0.61)	
1.41	0.00	9.0	149
	0.35		104
	0.70		50.6
	0.84		31.9
	1.05	*(0.93)	
1.76	0.00	10.1	149
	0.35		121
	0.70		83.4
	1.05		37.5
	1.41	*(1.16)	
2.11	0.00	11.1	150
	0.35		144
	0.70		109
	1.05		64.3
	1.41		
	1.76	*(1.20)	
2.46	0.00	11.9	152
	0.35		148
	0.70		128
	1.05		91.8
	1.41		55.9
	1.76	*(1.65)	
2.81	0.00	12.8	154
	0.35		146
	0.70		145
	1.05		113
	1.41		78.3
	1.76		24.7
	2.11	*(1.84)	
3.16	0.00	13.5	156
	0.35		147
	0.70		143
	1.05		132
	1.41		101
	1.76		69.0
	2.11		
	2.46	*(1.78)	
3.52	0.00	14.3	157
	0.35		153
	0.70		148
	1.05		141
	1.41		111
	1.76		76.7
	2.11		
	2.46		
	2.81	*(2.04)	

Operating Pressure kg/cm²		WATER SUCTION	
Injector Inlet	Injector Outlet	Motive Flow l/min	*Water Suction* l/hr
4.22	0.00	15.6	160
	0.35		160
	0.70		144
	1.05		144
	1.41		142
	2.11		87.5
	2.46		
	2.81		
	3.16	*(2.43)	
4.92	0.00	16.9	160
	0.35		161
	0.70		149
	1.05		141
	1.41		134
	2.11		118
	2.81		61.8
	3.16		
	3.52		
	3.87	*(2.86)	
5.62	0.00	18.0	160
	0.35		158
	0.70		158
	1.05		154
	1.41		154
	2.11		150
	2.81		102
	3.52		25.8
	4.22		
	4.57	*(3.65)	
6.33	0.00	19.1	159
	0.35		158
	0.70		154
	1.41		154
	2.11		149
	2.81		126
	3.52		99.5
	4.22		
	4.92		
	5.27	*(3.81)	
7.03	0.00	20.2	160
	0.35		158
	0.70		154
	1.41		150
	2.11		154
	2.81		132
	3.52		102
	4.22		
	4.92		
	5.62	*(4.19)	
8.44	0.00	22.1	173
	0.35		166
	0.70		163
	1.41		158
	2.11		152
	2.81		139
	3.52		121
	4.22		93.9
	4.92		77.1
	5.62		
	6.33		
	7.03	*(5.00)	

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

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Injector Performance Table
Air Suction Capacity

Model 484X

Operating Pressure PSIG		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	*Air Suction* SCFH
5	0	1.1	7.8
	1		2.7
	2		0.67
	3		0.48
	4	*(3.5)	
10	0	1.6	13.1
	2		3.9
	5		1.1
	7		0.38
	8	*(7.5)	
15	0	2.0	17.7
	5		2.8
	7		1.5
	10		
	12	*(8.7)	
20	0	2.3	21.4
	5		5.3
	10		1.4
	12		0.99
	15	*(13.2)	
25	0	2.6	24.8
	5		8.4
	10		2.0
	15		1.2
	20	*(16.5)	
30	0	2.8	27.4
	5		10.4
	10		3.3
	15		1.8
	20		
	25	*(17.2)	
35	0	3.0	30.5
	5		14.2
	10		4.7
	15		2.3
	20		1.8
	25	*(23.5)	
40	0	3.2	32.9
	5		16.9
	10		7.3
	15		3.1
	20		2.4
	25		0.84
	30	*(26.1)	
45	0	3.4	33.0
	5		19.9
	10		8.9
	15		4.2
	20		2.5
	25		2.0
	30		
	35	*(25.4)	
50	0	3.6	33.8
	5		23.5
	10		11.6
	15		5.4
	20		3.3
	25		2.4
	30		
	35		
	40	*(29.0)	

Operating Pressure PSIG		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	*Air Suction* SCFH
60	0	4.0	36.6
	5		30.3
	10		16.3
	15		10.1
	20		5.2
	30		2.7
	35		
	40		
	45	*(34.6)	
70	0	4.3	39.6
	5		31.6
	10		20.9
	15		15.1
	20		7.5
	30		3.7
	40		2.4
	45		
	50		
	55	*(40.7)	
80	0	4.6	40.2
	5		38.2
	10		28.8
	15		18.3
	20		10.0
	30		5.0
	40		3.1
	50		2.1
	60		
	65	*(51.9)	
90	0	4.8	42.6
	5		39.7
	10		32.9
	20		15.9
	30		7.2
	40		4.5
	50		2.9
	60		
	70		
	75	*(54.3)	
100	0	5.1	44.4
	5		42.6
	10		36.6
	20		18.7
	30		10.3
	40		6.0
	50		3.9
	60		
	70		
	80	*(59.7)	
120	0	5.6	48.7
	5		47.0
	10		42.6
	20		26.1
	30		15.0
	40		8.4
	50		5.6
	60		4.1
	70		3.0
	80		
	90		
	100	*(71.2)	

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

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Injector Performance Table

Air Suction Capacity - METRIC

Model 484X

Operating Pressure kg/cm²		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow l/min	*Air Suction* l/min
0.35	0.00	4.3	3.7
	0.07		1.2
	0.14		0.31
	0.21		0.22
	0.28	*(0.25)	
0.70	0.00	6.1	6.1
	0.14		1.8
	0.35		0.54
	0.49		0.18
	0.56	*(0.53)	
1.05	0.00	7.5	8.3
	0.35		1.3
	0.49		0.72
	0.70		
	0.84	*(0.61)	
1.41	0.00	8.6	10.1
	0.35		2.5
	0.70		0.69
	0.84		0.47
	1.05	*(0.93)	
1.76	0.00	9.7	11.7
	0.35		3.9
	0.70		0.98
	1.05		0.60
	1.41	*(1.16)	
2.11	0.00	10.6	12.9
	0.35		4.9
	0.70		1.5
	1.05		0.88
	1.41		
	1.76	*(1.20)	
2.46	0.00	11.4	14.4
	0.35		6.7
	0.70		2.2
	1.05		1.1
	1.41		0.86
	1.76	*(1.65)	
2.81	0.00	12.2	15.5
	0.35		8.0
	0.70		3.4
	1.05		1.5
	1.41		1.1
	1.76		0.39
	2.11	*(1.84)	
3.16	0.00	13.0	15.5
	0.35		9.4
	0.70		4.2
	1.05		1.9
	1.41		1.2
	1.76		0.98
	2.11		
	2.46	*(1.78)	
3.52	0.00	13.7	16.0
	0.35		11.1
	0.70		5.5
	1.05		2.5
	1.41		1.5
	1.76		1.1
	2.11		
	2.46		
	2.81	*(2.04)	

Operating Pressure kg/cm²		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow l/min	*Air Suction* l/min
4.22	0.00	15.0	17.2
	0.35		14.3
	0.70		7.7
	1.05		4.8
	1.41		2.4
	2.11		1.3
	2.46		
	2.81		
	3.16	*(2.43)	
4.92	0.00	16.2	18.7
	0.35		14.9
	0.70		9.8
	1.05		7.1
	1.41		3.5
	2.11		1.7
	2.81		1.1
	3.16		
	3.52		
	3.87	*(2.86)	
5.62	0.00	17.3	19.0
	0.35		18.0
	0.70		13.6
	1.05		8.6
	1.41		4.7
	2.11		2.3
	2.81		1.4
	3.52		1.0
	4.22		
	4.57	*(3.65)	
6.33	0.00	18.4	20.1
	0.35		18.7
	0.70		15.5
	1.41		7.5
	2.11		3.4
	2.81		2.1
	3.52		1.3
	4.22		
	4.92		
	5.27	*(3.81)	
7.03	0.00	19.3	20.9
	0.35		20.1
	0.70		17.2
	1.41		8.8
	2.11		4.8
	2.81		2.8
	3.52		1.8
	4.22		
	4.92		
	5.62	*(4.19)	
8.44	0.00	21.2	23.0
	0.35		22.2
	0.70		20.1
	1.41		12.3
	2.11		7.0
	2.81		3.9
	3.52		2.6
	4.22		1.9
	4.92		1.4
	5.62		
	6.33		
	7.03	*(5.00)	

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

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