



Operating Pressure PSIG		WATER SUCTION		Operating Pressure PSIG		WATER SUCTION		
Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPM	Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPM	
5	0	170	35	60	0	460	47	
	1		25		5		47	
	2		20		10		47	
	3		14		15		47	
	4		6		20		47	
10	0	214	47		30		47	
	2		47		35		46	
	5		31		40		42	
	7		13		45		*(51.0)	28
	8		4		70		0	495
15	0	251	47	5		46		
	5		47	10		46		
	7		38	15		46		
	10		12	20		46		
20	12	*(13.1)	6	30		46		
	0	272	47	40		46		
	5		47	45		46		
	10		45	50		31		
	12		30	55		*(60.5)	16	
15	12		80	0	532	45		
25	0	307		47		5	45	
	5			47		10	45	
	10			47		15	45	
	15			33		20	45	
	20			7		30	45	
30	0	332		47		40	45	
	5			47		50	45	
	10			47		60	30	
	15			43		65	*(69.5)	14
	20		23	90	0	569	42	
25	4	5	42					
35	0	360	47		10		42	
	5		47		20		42	
	10		47		30		42	
	15		47		40		42	
	20		44		50		40	
40	25	*(30.5)	24		60		39	
	0	382	47		70		28	
	5		47		75		*(79.1)	14
	10		47	0	100	42		
	15		47	5		42		
20	47		10	42				
25	47	20	42					
30	31	30	42					
45	30	*(35.0)	15	40		42		
	0	402	47	40		42		
	5		47	50		42		
	10		47	60		42		
	15		47	70		39		
	20		47	80	*(88.6)	15		
	25		47	50	0	600	42	
30	40		5		42			
35	*(38.9)	16	10		42			
0	416	47	20		42			
5		47	30		42			
10		47	40		42			
15		47	50		42			
20		47	60		42			
25		47	70		39			
30		44	80		15			
35		27	50	40	416	27		
40		*(43.1)		6		6		

Injector Performance Table
Water Suction Capacity

Model 4091

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



Injector Performance Table
Water Suction Capacity - METRIC

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/min	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction l/min
0.35	0.00	643	132	4.22	0.00	1,741	177
	0.07		94.6		0.35		177
	0.14		75.7		0.70		177
	0.21		53.0		1.05		177
	0.28		22.7		1.41		177
0.70	0.00	810	177		2.11		177
	0.14		177		2.46		174
	0.35		117		2.81		159
	0.49		49.2		3.16		106
	0.56		15.1				
1.05	0.00	950	177	4.92	0.00	1,874	174
	0.35		177		0.35		174
	0.49		143		0.70		174
	0.70		45.4		1.05		174
	0.84		22.7		1.41		174
1.41	0.00	1,030	177		2.11		174
	0.35		177		2.81		174
	0.70		170		3.16		174
	0.84		113		3.52		117
	1.05		45.4		3.87		60.6
1.76	0.00	1,162	177	5.62	0.00	2,014	170
	0.35		177		0.35		170
	0.70		177		0.70		170
	1.05		124		1.05		170
	1.41		26.5		1.41		170
2.11	0.00	1,257	177		2.11		170
	0.35		177		2.81		170
	0.70		177		3.52		170
	1.05		162		4.22		113
	1.41		87.1		4.57		53.0
	1.76		15.1				
2.46	0.00	1,363	177	6.33	0.00	2,154	159
	0.35		177		0.35		159
	0.70		177		0.70		159
	1.05		177		1.41		159
	1.41		166		2.11		159
	1.76		90.8		2.81		151
2.81	0.00	1,446	177		3.52		147
	0.35		177		4.22		106
	0.70		177		4.92		53.0
	1.05		177		5.27		
	1.41		177				
	1.76		117				
3.16	2.11	1,522	56.8	7.03	0.00	2,271	159
	2.46		177		0.35		159
			177		0.70		159
			177		1.41		159
			177		2.11		159
			151		2.81		159
3.52	0.00	1,575	177		3.52		159
	0.35		177		4.22		159
	0.70		177		4.92		147
	1.05		177		5.62		56.8
	1.41		177				
	1.76		177				
	2.11		166				
	2.46		102				
2.81	22.7						

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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 SCFM	Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFM
5	0	146	15.6	60	0	457	79.4
	1		6.8		5		58.0
	2		2.6		10		52.6
	3		1.0		15		19.3
	4				20		13.9
10	0	189	27.1		25		11.3
	2		10.8		30		8.8
	5		2.7		35		6.3
	7		1.1		40		4.3
	8				45		2.8
15	0	230	40.6	70	0	494	80.6
	5		7.0		5		63.5
	7		3.9		10		56.6
	10		1.8		15		26.7
	12				20		17.9
20	0	267	46.2		30		11.8
	5		12.4		40		7.0
	10		4.4		45		5.1
	12		2.8		50		3.4
	15		1.5		55		2.7
25	0	296	54.2	80	0	530	81.3
	5		17.6		5		66.8
	10		7.2		10		66.0
	15		3.4		15		48.0
	20		1.4		20		21.1
30	0	324	62.8		30		13.7
	5		32.5		40		9.5
	10		10.5		50		5.4
	15		5.3		60		3.0
	20		2.9		65		2.4
	25						
35	0	351	61.7				
	5		38.8				
	10		12.8				
	15		7.9				
	20		4.5				
	25		2.4				
40	0	374	67.3				
	5		44.4				
	10		16.0				
	15		10.4				
	20		6.7				
	25		4.1				
45	0	397	71.7				
	5		47.8				
	10		19.7				
	15		12.3				
	20		8.7				
	25		5.7				
	30		3.5				
50	0	419	74.9				
	5		51.5				
	10		27.0				
	15		14.2				
	20		10.8				
	25		7.5				
	30		5.0				
	35		3.1				
40							

Injector Performance Table
 Air Suction Capacity

Model 4091



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	553	441	4.22	0.00	1,730	2,248
	0.07		192		0.35		1,642
	0.14		73.6		0.70		1,489
	0.21		28.3		1.05		546
	0.28				1.41		393
0.70	0.00	715	767		1.76		320
	0.14		305		2.11		249
	0.35		76.4		2.46		178
	0.49		31.1		2.81		121
	0.56				3.16		79.2
1.05	0.00	871	1,149	4.92	0.00	1,870	2,282
	0.35		198		0.35		1,798
	0.49		110		0.70		1,602
	0.70		50.9		1.05		756
	0.84				1.41		506
1.41	0.00	1,011	1,308		2.11		334
	0.35		351		2.81		198
	0.70		124		3.16		144
	0.84		79.2		3.52		96.2
	1.05		42.4		3.87		76.4
1.76	0.00	1,120	1,534	5.62	0.00	2,006	2,302
	0.35		498		0.35		1,891
	0.70		203		0.70		1,868
	1.05		96.2		1.05		1,359
	1.41		39.6		1.41		597
2.11	0.00	1,226	1,778		2.11		387
	0.35		920		2.81		269
	0.70		297		3.52		152
	1.05		150		4.22		84.9
	1.41		82.1		4.57		67.9
	1.76						
2.46	0.00	1,329	1,747				
	0.35		1,098				
	0.70		362				
	1.05		223				
	1.41		127				
	1.76		67.9				
2.81	0.00	1,416	1,905				
	0.35		1,257				
	0.70		453				
	1.05		294				
	1.41		189				
	1.76		116				
3.16	2.11	1,503	62.2				
	0.00		2,030				
	0.35		1,353				
	0.70		557				
	1.05		348				
	1.41		246				
	1.76		161				
	2.11		99.1				
3.52	2.46	1,586					
	0.00		2,120				
	0.35		1,458				
	0.70		764				
	1.05		402				
	1.41		305				
	1.76		212				
	2.11		141				
2.46	87.7						
2.81							

Injector Performance Table
Air Suction Capacity - METRIC

Model 4091