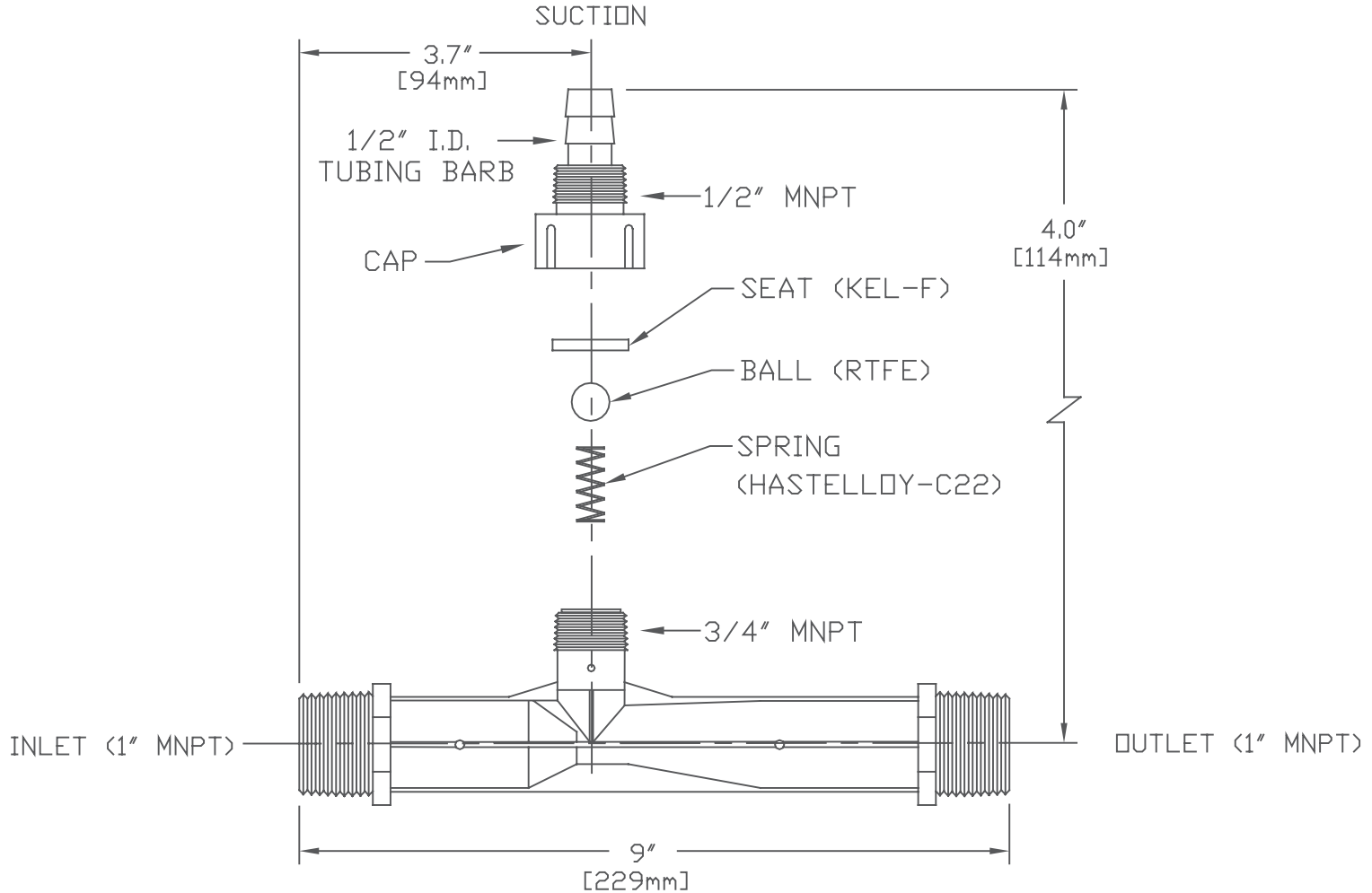


NOTES:

1. INLET AND OUTLET: 1" MNPT OR BSPT (ISO-R)
2. SUCTION PORT: 1/2" (ID) TUBING BARB OR 1/2" MNPT
3. MATERIAL OF CONSTRUCTION: GLASS REINFORCED POLYPROPYLENE OR PVDF (KYNAR)
4. MAXIMUM TEMPERATURE RATING:
 - POLYPROPYLENE: 150 F. (65.5 C.)
 - PVDF: 200 F. (93.3 C.)
5. MAXIMUM PRESSURE RATING: AT 68 F. (20 C.)
 - POLYPROPYLENE: 150 PSIG (10.3 BAR)
 - PVDF: 200 PSIG (13.8 BAR)



DISCLAIMER: Any recommendations for particular products and/or system design, whether contained in a document, within this drawing, communicated by electronic means, or given verbally, are intended solely as guides to actual system design. Said recommendations are based upon information supplied by others, the accuracy of which is beyond verification by Mazzei Injector Corp. (MIC). Likewise, the actual operation of any system utilizing the products or recommendations of MIC is equally beyond the control of MIC. Therefore, MIC cannot, and does not, warrant the suitability of its products for a particular service nor the performance of any system containing components made or sold by MIC.



Mazzei Injector Company, LLC
 500 Rooster Drive, Bakersfield, CA 93307
 Tel: 661.363.6500 Fax: 661.363.7500

DATE	2-23-04	TITLE	
DRAWN BY	JRM	MODEL 885-X-02 INJECTOR	
REVISED		NUMBER	JRM-276
REVISED BY		SCALE	NONE
MATERIALS	SEE NOTES	PAGE	(1) OF (1)

Mazzei Injector Company, LLC- Injector Performance Table							
Injector Model				885 X-2			
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	3.5	78	60	0	12.2	141
	1		63		5		141
	2		43		10		141
	3		16		15		141
	4				20		139
10	0	5.0	116		30		110
	2		91		35		73
	5		45		40		33
	7		19		45		
	8						
15	0	6.1	135	70	0	13.2	141
	5		83		5		141
	7		58		10		140
	10		19		15		140
	12				20		141
20	0	7.1	142		30		136
	5		117		40		88
	10		58		45		45
	12		36		50		
	15				55		
25	0	7.9	143	80	0	14.1	140
	5		136		5		140
	10		97		10		141
	15		38		15		140
	20				20		141
30	0	8.7	144		30		140
	5		141		40		124
	10		125		50		60
	15		69		60		
	20		14		65		
35	0	9.4	142	90	0	15.0	141
	5		142		5		140
	10		136		10		141
	15		107		20		140
	20		54		30		140
40	0	10.0	141		40		137
	5		141		50		103
	10		139		60		35
	15		128		70		
	20		90		75		
45	0	10.6	141	100	0	15.8	141
	5		140		5		141
	10		139		10		141
	15		135		20		141
	20		112		30		140
50	0	11.2	140		40		140
	5		140		50		131
	10		140		60		88
	15		139		70		33
	20		128		80		
50	25	11.2	107	120	0	17.3	141
	30		59		5		141
	35		13		10		141
	40				20		141
					30		141
					40		141
					50		135
					60		131
		70	85				
		80	28				
		90					
		100					

Mazzei Injector Company, LLC- Injector Performance Table									
Injector Model				885X -2		7/20/04			
Operating Pressure kg/cm2		Water Suction		Operating Pressure kg/cm2		Water Suction			
Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH		
0.35	0.00	13.4	295	4.22	0.00	46.4	533		
	0.07		237		0.35		533		
	0.14		162		0.70		534		
	0.21		59		1.05		534		
	0.28				1.41		525		
0.70	0.00	18.9	438				2.11		417
	0.14		344		2.46		277		
	0.35		169		2.81		126		
	0.49		73		3.16				
	0.56								
1.05	0.00	23.2	512	4.92	0.00	50.1	534		
	0.35		315		0.35		534		
	0.49		220		0.70		532		
	0.70		73		1.05		532		
	0.84				1.41		532		
1.41	0.00	26.8	537				2.11		513
	0.35		444		2.81		332		
	0.70		218		3.16		169		
	0.84		137		3.52				
	1.05				3.87				
1.76	0.00	29.9	540	5.62	0.00	53.5	529		
	0.35		514		0.35		529		
	0.70		365		0.70		533		
	1.05		145		1.05		529		
	1.41				1.41		533		
2.11	0.00	32.8	544				2.11		528
	0.35		533		2.81		470		
	0.70		474		3.52		227		
	1.05		262		4.22				
	1.41		54		4.57				
2.46	0.00	35.4	539	6.33	0.00	56.8	535		
	0.35		536		0.35		529		
	0.70		514		0.70		535		
	1.05		404		1.41		529		
	1.41		205		2.11		531		
2.81	0.00	37.8	534				2.81		518
	0.35		534		3.52		391		
	0.70		526		4.22		132		
	1.05		485		4.92				
	1.41		342		5.27				
3.16	0.00	40.1	534	7.03	0.00	59.8	534		
	0.35		534		0.35		535		
	0.70		526		0.70		534		
	1.05		485		1.41		535		
	1.41		342		2.11		531		
3.52	0.00	42.3	533				2.81		529
	0.35		529		3.52		496		
	0.70		527		4.22		332		
	1.05		510		4.92		123		
	1.41		424		5.62				
3.52	1.76	42.3	282	8.44	0.00	65.6	532		
	2.11		88		0.35		533		
	2.46				0.70		532		
	0.00		528		1.41		533		
	0.35		532		2.11		532		
	0.70		532		2.81		533		
	1.05		526		3.52		512		
	1.41		485		4.22		497		
	1.76		404		4.92		320		
	2.11		223		5.62		106		
2.46	49	6.33							
2.81		7.03							

Mazzei Injector Company, LLC - Injector Performance Table							
Injector Model				885 X-2			
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	18.4	60	0	11.7	120.5
	1		9.1		5		58.3
	2		1.5		10		45.1
	3				15		23.0
	4				20		16.4
10	0	4.8	26.9		30		8.8
	2		15.2		35		6.6
	5		1.8		40		3.0
	7				45		
	8						
15	0	5.9	38.4	70	0	12.7	135.5
	5		7.9		5		63.5
	7		3.4		10		46.3
	10				15		29.9
	12				20		22.6
20	0	6.8	47.1		30		12.9
	5		13.6		40		7.7
	10		3.6		45		5.4
	12				50		
	15				55		
25	0	7.6	57.2	80	0	13.6	154.6
	5		28.0		5		61.2
	10		7.2		10		55.2
	15		2.8		15		34.3
	20				20		28.7
30	0	8.3	66.9		30		16.3
	5		46.3		40		10.1
	10		12.3		50		6.2
	15		5.6		60		
	20		2.1		65		
35	0	9.0	87.5	90	0	14.4	168.1
	5		27.5		5		68.3
	10		16.0		10		61.7
	15		8.0		20		35.0
	20		4.3		30		19.8
40	0	9.6	80.9		40		13.1
	5		39.2		50		8.8
	10		21.3		60		4.6
	15		11.3		70		
	20		6.9		75		
45	0	10.2	77.2	100	0	15.2	185.0
	5		48.7		5		73.5
	10		27.2		10		65.2
	15		14.7		20		42.6
	20		9.1		30		24.1
50	0	10.7	83.9		40		15.9
	5		49.6		50		11.4
	10		32.3		60		7.8
	15		17.8		70		
	20		11.3		80		
50	25	7.6	120	0	166	209.5	
	30	4.9		5		79.8	
	35			10		73.3	
	40			20		52.8	
				30		28.6	
				40		21.4	
				50		16.9	
				60		11.6	
		70	9.9				
		80	3.9				
		90					
		100					

Mazzei Injector Company, LLC- Injector Performance Table									
Injector Model				885X -2					
Operating Pressure kg/cm2		Air Suction		Operating Pressure kg/cm2		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	8.7	4.22	0.00	44.4	56.9		
	0.07		4.3		0.35		27.5		
	0.14		0.7		0.70		21.3		
	0.21				1.05		10.9		
	0.28				1.41		7.7		
0.70	0.00	18.1	12.7				2.11		4.1
	0.14		7.2		2.46		3.1		
	0.35		0.9		2.81		1.4		
	0.49				3.16				
	0.56								
1.05	0.00	22.2	18.1	4.92	0.00	48.0	64.0		
	0.35		3.7		0.35		30.0		
	0.49		1.6		0.70		21.9		
	0.70				1.05		14.1		
	0.84				1.41		10.7		
1.41	0.00	25.7	22.3				2.11		6.1
	0.35		6.4		2.81		3.6		
	0.70		1.7		3.16		2.5		
	0.84				3.52				
	1.05				3.87				
1.76	0.00	28.7	27.0	5.62	0.00	51.3	73.0		
	0.35		13.2		0.35		28.9		
	0.70		3.4		0.70		26.1		
	1.05		1.3		1.05		16.2		
	1.41				1.41		13.5		
2.11	0.00	31.4	31.6				2.11		7.7
	0.35		21.8		2.81		4.8		
	0.70		5.8		3.52		2.9		
	1.05		2.6		4.22				
	1.41		1.0		4.57				
2.46	0.00	33.9	41.3	6.33	0.00	54.4	79.4		
	0.35		13.0		0.35		32.3		
	0.70		7.6		0.70		29.1		
	1.05		3.8		1.05		16.5		
	1.41		2.0		1.41		9.3		
2.81	0.00	36.3	38.2				2.11		6.2
	0.35		18.5		2.81		4.2		
	0.70		10.1		3.52		2.2		
	1.05		5.3		4.22				
	1.41		3.2		4.92				
3.16	0.00	38.5	36.4	7.03	0.00	57.4	87.3		
	0.35		23.0		0.35		34.7		
	0.70		12.8		0.70		30.8		
	1.05		6.9		1.05		20.1		
	1.41		4.3		1.41		11.4		
3.52	0.00	40.6	39.6				2.11		7.5
	0.35		23.4		2.81		5.4		
	0.70		15.2		3.52		3.7		
	1.05		8.4		4.22				
	1.41		5.3		4.92				
3.52	1.76		3.1	8.44	0.00	62.8	98.9		
	2.11		1.7		0.35		37.7		
	2.46				0.70		34.6		
					1.41		24.9		
					2.11		13.5		
					2.81		10.1		
					3.52		8.0		
					4.22		5.5		
			5.62	4.7					
			6.33	1.8					
			7.03						