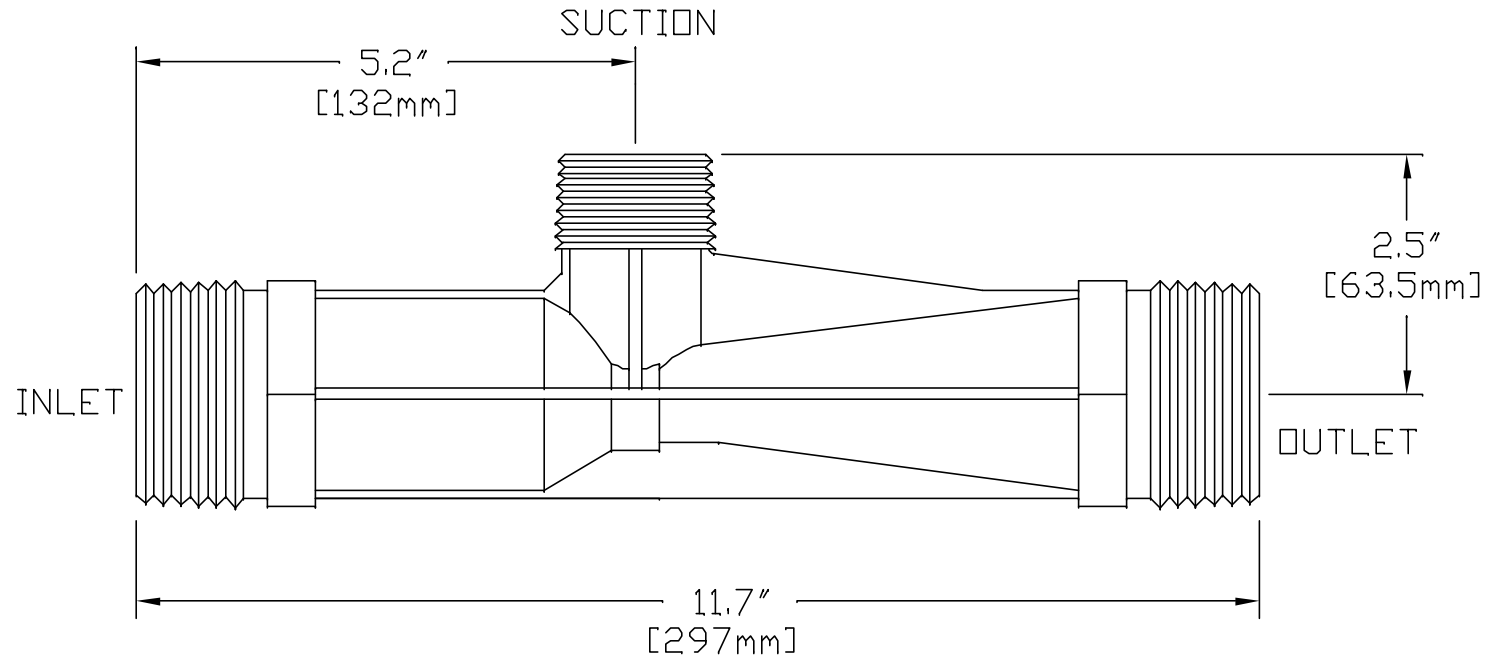


NOTES:

1. INLET AND OUTLET: 2" MNPT OR BSPT (ISO-R)
2. SUCTION PORT: 1.25" MNPT OR BSPT (ISO-R)
3. MATERIAL: GLASS REINFORCED POLYPROPYLENE OR PVDF (KYNAR)
4. MAXIMUM TEMPERATURE RATING:  
 POLYPROPYLENE: 150 F. (65.5 C.)  
 PVDF (KYNAR): 200 F. (93.3 C.)
5. MAXIMUM PRESSURE RATING AT 68 F. (20 C.)  
 POLYPROPYLENE: 150 PSIG (10.3 BAR)  
 PVDF (KYNAR): 200 PSIG (13.8 BAR)



Covered By United States Patent No. 5,863,128  
 International Patents Pending



**Mazzei**

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

DATE	12-19-00	TITLE	
DRAWN BY	JRM	MODEL 2081-A INJECTOR	
REVIEWED BY	RST	NUMBER	SIZE REV.
SCALE	NONE	JRM-22	
MATERIALS: SEE NOTES		PAGE (1) OF (1)	

<b>Mazzei Injector Company, LLC - Injector Performance Table</b>							
<b>Injector Model</b>				<b>2081</b>			
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
<b>0.35</b>	0.00	130	2384	<b>4.22</b>	0.00	449	2387
	0.07		2384		0.35		2387
	0.14		2384		0.70		2387
	0.21		812		1.05		2387
	0.28		514		1.41		2387
<b>0.70</b>	0.00	183	2384		2.11		2273
	0.14		2384		2.46		1925
	0.35		1770		2.81		1441
	0.49		565		3.16		820
	0.56		114		0.00		2387
<b>1.05</b>	0.00	224	2387	0.35	2387		
	0.35		2359	0.70	2387		
	0.49		2182	1.05	2387		
	0.70		807	1.41	2387		
	0.84		290	2.11	2387		
<b>1.41</b>	0.00	259	2387	2.81	2002		
	0.35		2387	3.16	1667		
	0.70		1772	3.52	1235		
	0.84		1130	3.87	538		
	1.05		574	0.00	2387		
<b>1.76</b>	0.00	290	2387	0.35	2387		
	0.35		2387	0.70	2387		
	0.70		2372	1.05	2387		
	1.05		1529	1.41	2387		
	1.41		508	2.11	2387		
<b>2.11</b>	0.00	317	2387	2.81	2287		
	0.35		2387	3.52	1915		
	0.70		2387	4.22	1020		
	1.05		1935	4.57	230		
	1.41		1292	0.00	2387		
	1.76		234	0.35	2387		
<b>2.46</b>	0.00	343	2387	0.70	2387		
	0.35		2387	1.41	2387		
	0.70		2387	2.11	2387		
	1.05		2372	2.81	2387		
	1.41		1741	3.52	2278		
	1.76		968	4.22	1736		
<b>2.81</b>	0.00	366	2387	4.92	678		
	0.35		2387	5.27			
	0.70		2387	0.00	2387		
	1.05		2387	0.35	2387		
	1.41		1982	0.70	2387		
	1.76		1493	1.41	2387		
<b>3.16</b>	2.11	389	639	2.11	2387		
	0.00		2387	2.81	2387		
	0.35		2387	3.52	2353		
	0.70		2387	4.22	2247		
	1.05		2387	4.92	1561		
	1.41		2296	5.62	457		
	1.76		1921	0.00	2387		
	2.11		1292	0.35	2387		
2.46	564	0.70	2387				
<b>3.52</b>	0.00	410	2387	1.41	2387		
	0.35		2387	2.11	2387		
	0.70		2387	2.81	2387		
	1.05		2387	3.52	2387		
	1.41		2387	4.22	2317		
	1.76		2225	4.92	2253		
	2.11		1714	5.62	1980		
	2.46		1135	6.33	1171		
	2.81		436	7.03			

Mazzei Injector Company, LLC - Injector Performance Table									
Injector Model				2081					
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	125		4.22	0.00	431	494		
	0.07				0.35		408		
	0.14				0.70		315		
	0.21				1.05		199		
	0.28				1.41		142		
0.7	0.00	174	199				2.11		72
	0.14				2.46		66		
	0.35				2.81		60		
	0.49				3.16		49		
	0.56				0.00			533	
1.05	0.00	216	247	4.92	0.35	466	451		
	0.35				0.70		373		
	0.49				1.05		268		
	0.70				1.41		191		
	0.84				2.11		93		
1.41	0.00	250	286				2.81		72
	0.35				3.16		67		
	0.70				3.52		59		
	0.84				3.87		45		
	1.05				0.00			567	
1.76	0.00	276	316	5.62	0.35	496	487		
	0.35				0.70		422		
	0.70				1.05		329		
	1.05				1.41		229		
	1.41				2.11		132		
2.11	0.00	303	346				2.81		83
	0.35				3.52		72		
	0.70				4.22		57		
	1.05				4.57		40		
	1.41				0.00				
2.46	0.00	329	377	6.33	0.35	526			
	0.35				0.70				
	0.70				1.41				
	1.05				2.11				
	1.41				2.81				
2.81	0.00	352	403				3.52		
	0.35				4.22				
	0.70				4.92				
	1.05				5.27				
	1.41				0.00				
3.16	0.00	371	424	7.03	0.35	556			
	0.35				0.70				
	0.70				1.41				
	1.05				2.11				
	1.41				2.81				
3.52	0.00	394	450				3.52		
	0.35				4.22				
	0.70				4.92				
	1.05				5.62				
	1.41								
	1.76		58						
	2.11		51						
	2.46		38						
			450						
			359						
		245							
		152							
		92							
		66							
		59							
		52							
		35							