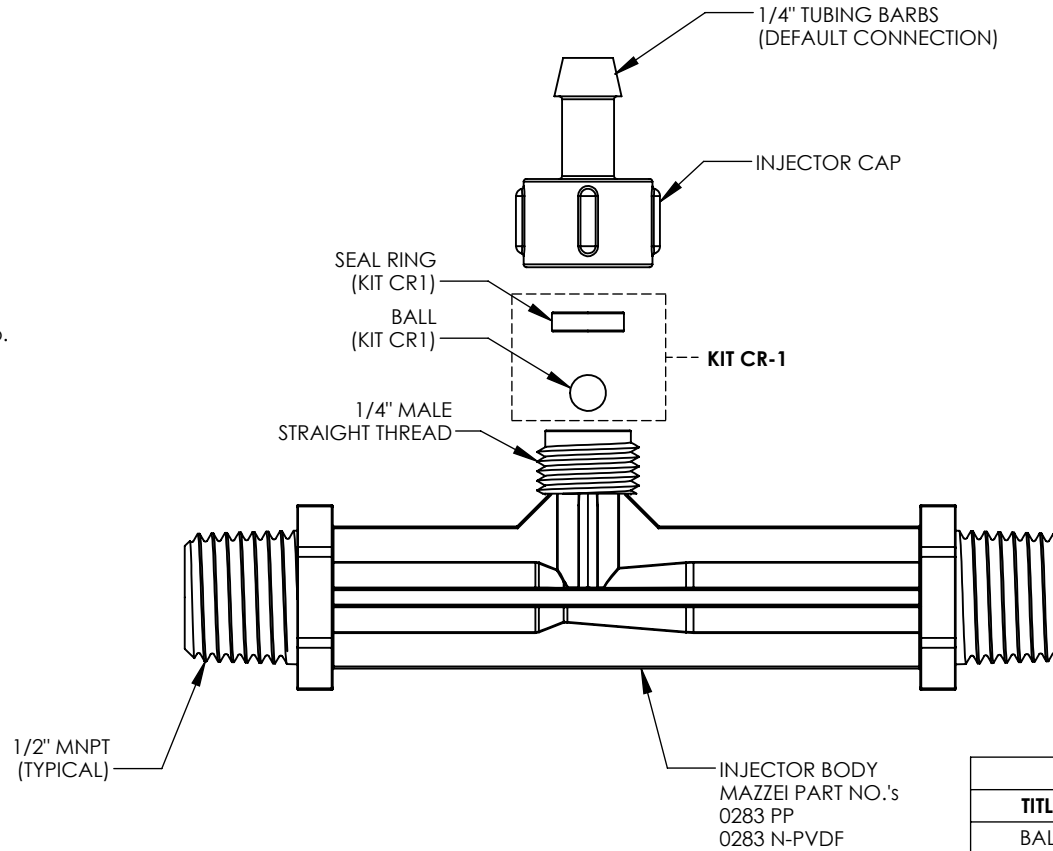


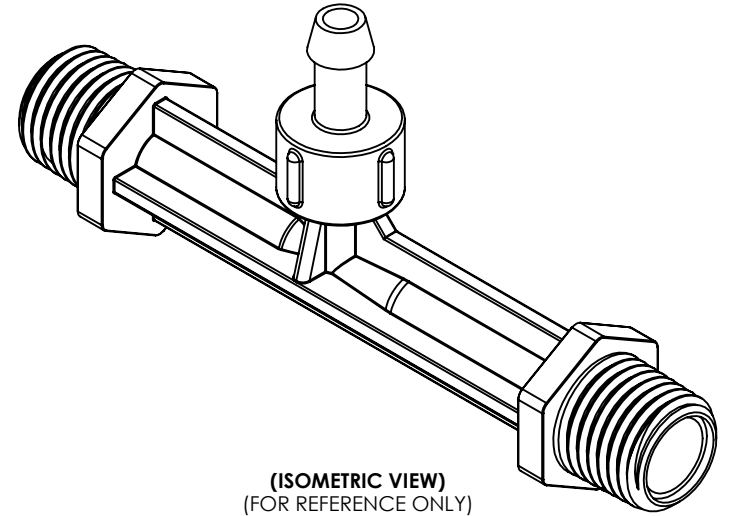
NOTES:

1. MADE IN THE U.S.A.
2. U.S. PATENT No. 5,863,128
3. U.S. No. 3,852,076 AND INTERNATIONAL REGISTERED TRADEMARKS
4. MATERIAL: GLASS FILLED POLYPROPYLENE (PP) OR NATURAL POLYVINYLIDENE FLUORIDE (N-PVDF).
5. INLET/OUTLET CONNECTION:  
1/2" MNPT
6. SUCTION PORT CONNECTION:  
1/4" I.D. TUBING BARB WITH INTEGRATED CHECK VALVE
7. FOR INSTALLATION RECOMMENDATIONS REFER TO MAZZEI TECHNICAL BULLETINS No. 4, No. 5, No. 6, No. 10 AND No. 11, WHICH CAN BE FOUND AT WWW.MAZZEI.NET.
8. MAZZEI INJECTOR CO., LLC.  
500 ROOSTER DR.  
BAKERSFIELD, CA 93307  
TEL: 661.363.6500  
WEB: WWW.MAZZEI.NET

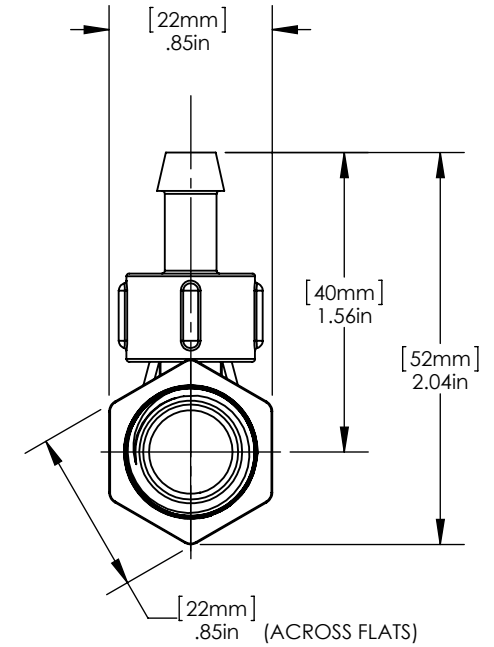
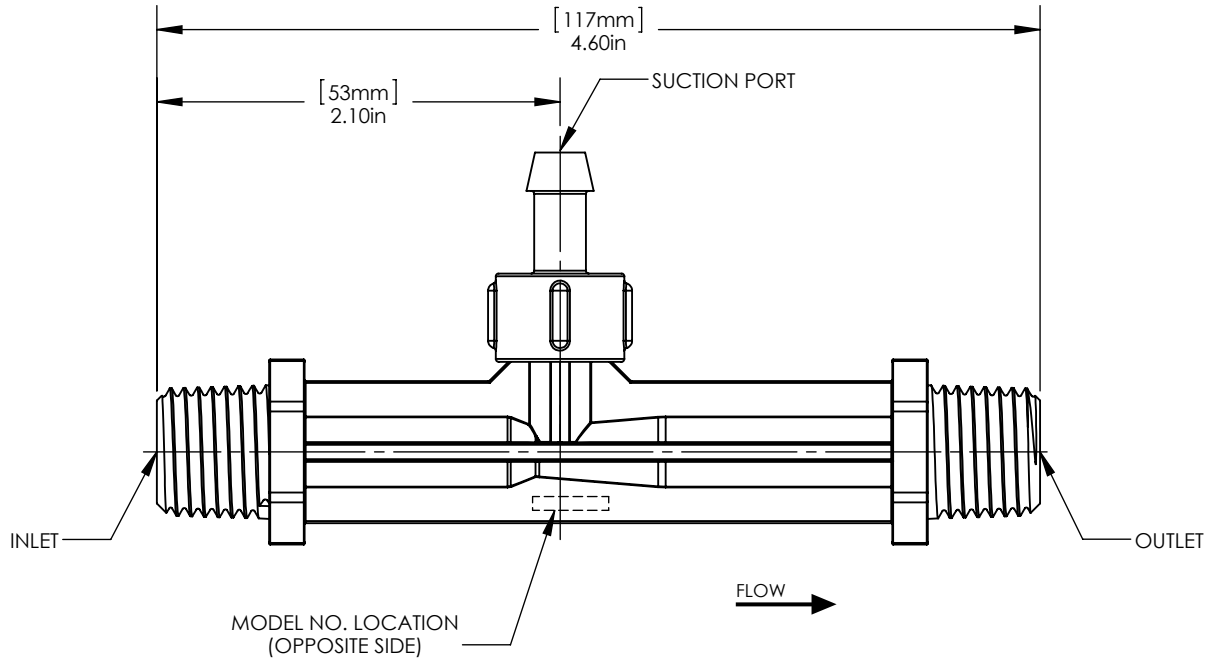



KIT CR-1	
TITLE	MATERIAL
BALL	TEFLON @ (PTFE)
SEAL RING	KEL-F @ (PCTFE)
SPRING	HASTELLOY C-22

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			TITLE: 1/2" INJECTOR; MODEL 0283		
DRAWN:	G. NOVINS		DRAWING NO.: 0283		
DATE:	8/14/2014	SIZE:	WEIGHT:	SCALE:	REV.:
APPROVED:	T. JOHNS	A	N/A	1:1	A
				SHEET:	1 OF 2



(ISOMETRIC VIEW)  
(FOR REFERENCE ONLY)



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			TITLE: 1/2" INJECTOR; MODEL 0283		
DRAWN: G. NOVINS	DATE: 8/14/2014		DRAWING NO.: 0283		
APPROVED: T. JOHNS	SIZE: <b>A</b>	WEIGHT: N/A	SCALE: 1:1	REV.: A	SHEET: 2 OF 2



**Tabla de Rendimiento de Inyectores**  
**Capacidad de Succión de Agua**

Presión Operacional PSIG		Succión de Agua		Presión Operacional PSIG		Succión de Agua	
ENTRADA del Inyector	SALIDA del Inyector	Flujo de la Línea Principal GPH	Succión de Agua GPH	ENTRADA del Inyector	SALIDA del Inyector	Flujo de la Línea Principal GPH	Succión de Agua GPH
<b>5</b>	0	<b>10.2</b>	3.2	<b>60</b>	0	<b>32.4</b>	6.0
	1		2.0		10		6.0
	2		1.1		20		5.7
	3				25		4.9
	4		*(3.5)		30		3.8
<b>10</b>	0	<b>14.4</b>	4.7	<b>70</b>	0	<b>34.8</b>	6.0
	2		2.8		10		6.0
	5		1.2		20		6.0
	7				30		5.2
	8		*(7.0)		35		4.0
<b>15</b>	0	<b>16.8</b>	5.4	<b>80</b>	0	<b>36.0</b>	6.0
	5		2.7		20		6.0
	7		1.7		30		5.2
	10				35		4.0
	12		*(10.5)		40		2.9
<b>20</b>	0	<b>19.2</b>	5.8	<b>90</b>	0	<b>39.0</b>	6.0
	5		3.7		20		6.0
	10		2.0		30		6.0
	12		0.6		35		5.5
	15		*(15.0)		40		4.5
<b>25</b>	0	<b>21.0</b>	5.9	<b>100</b>	0	<b>41.4</b>	6.0
	5		4.8		20		6.0
	10		2.6		30		6.0
	15		0.7		40		5.7
	20		*(18.5)		45		4.6
<b>30</b>	0	<b>23.4</b>	6.0	<b>120</b>	0	<b>45.6</b>	6.0
	5		5.8		40		6.0
	10		3.8		50		5.0
	15		2.4		60		3.0
	20		0.8		65		2.3
<b>35</b>	0	<b>24.6</b>	6.0	<b>50</b>	0	<b>28.8</b>	6.0
	5		6.0		5		6.0
	10		4.8		10		6.0
	15		3.4		15		5.7
	20		1.7		20		4.6
<b>40</b>	0	<b>25.8</b>	6.0	<b>60</b>	0	<b>32.4</b>	6.0
	5		6.0		5		6.0
	10		5.5		10		6.0
	15		4.2		15		5.0
	20		2.6		20		3.0
<b>45</b>	0	<b>27.6</b>	6.0	<b>70</b>	0	<b>34.8</b>	6.0
	5		6.0		5		6.0
	10		5.8		10		6.0
	15		4.9		15		5.2
	20		3.4		20		2.3
<b>50</b>	0	<b>28.8</b>	6.0	<b>80</b>	0	<b>36.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>55</b>	0	<b>29.2</b>	6.0	<b>90</b>	0	<b>37.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>60</b>	0	<b>30.4</b>	6.0	<b>100</b>	0	<b>39.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>65</b>	0	<b>31.6</b>	6.0	<b>110</b>	0	<b>42.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>70</b>	0	<b>32.8</b>	6.0	<b>120</b>	0	<b>46.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>75</b>	0	<b>34.0</b>	6.0	<b>130</b>	0	<b>49.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>80</b>	0	<b>35.2</b>	6.0	<b>140</b>	0	<b>52.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>85</b>	0	<b>36.4</b>	6.0	<b>150</b>	0	<b>55.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>90</b>	0	<b>37.6</b>	6.0	<b>160</b>	0	<b>58.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>95</b>	0	<b>38.8</b>	6.0	<b>170</b>	0	<b>62.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>100</b>	0	<b>40.0</b>	6.0	<b>180</b>	0	<b>65.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>105</b>	0	<b>41.2</b>	6.0	<b>190</b>	0	<b>68.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>110</b>	0	<b>42.4</b>	6.0	<b>200</b>	0	<b>71.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>115</b>	0	<b>43.6</b>	6.0	<b>210</b>	0	<b>74.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>120</b>	0	<b>44.8</b>	6.0	<b>220</b>	0	<b>78.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>125</b>	0	<b>46.0</b>	6.0	<b>230</b>	0	<b>81.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>130</b>	0	<b>47.2</b>	6.0	<b>240</b>	0	<b>84.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>135</b>	0	<b>48.4</b>	6.0	<b>250</b>	0	<b>87.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>140</b>	0	<b>49.6</b>	6.0	<b>260</b>	0	<b>90.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>145</b>	0	<b>50.8</b>	6.0	<b>270</b>	0	<b>94.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>150</b>	0	<b>52.0</b>	6.0	<b>280</b>	0	<b>97.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>155</b>	0	<b>53.2</b>	6.0	<b>290</b>	0	<b>100.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>160</b>	0	<b>54.4</b>	6.0	<b>300</b>	0	<b>103.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>165</b>	0	<b>55.6</b>	6.0	<b>310</b>	0	<b>106.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>170</b>	0	<b>56.8</b>	6.0	<b>320</b>	0	<b>110.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>175</b>	0	<b>58.0</b>	6.0	<b>330</b>	0	<b>113.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>180</b>	0	<b>59.2</b>	6.0	<b>340</b>	0	<b>116.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>185</b>	0	<b>60.4</b>	6.0	<b>350</b>	0	<b>119.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>190</b>	0	<b>61.6</b>	6.0	<b>360</b>	0	<b>122.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>195</b>	0	<b>62.8</b>	6.0	<b>370</b>	0	<b>126.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>200</b>	0	<b>64.0</b>	6.0	<b>380</b>	0	<b>129.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>205</b>	0	<b>65.2</b>	6.0	<b>390</b>	0	<b>132.4</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>210</b>	0	<b>66.4</b>	6.0	<b>400</b>	0	<b>135.6</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>215</b>	0	<b>67.6</b>	6.0	<b>410</b>	0	<b>138.8</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>220</b>	0	<b>68.8</b>	6.0	<b>420</b>	0	<b>142.0</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>225</b>	0	<b>70.0</b>	6.0	<b>430</b>	0	<b>145.2</b>	6.0
	5		6.0		5		6.0
	10		6.0		10		6.0
	15		5.7		15		5.0
	20		4.7		20		3.0
<b>230</b>	0	<b>71.2</b>	6.0	<b>440</b>			

Presión Operacional kg/cm <sup>2</sup>		Succión de Agua		Operating Pressure kg/cm <sup>2</sup>		Succión de Agua	
ENTRADA del Inyector	SALIDA del Inyector	Flujo de la Línea Principal l/min	Succión de Agua l/hr	ENTRADA del Inyector	SALIDA del Inyector	Flujo de la Línea Principal l/min	Succión de Agua l/hr
<b>0.35</b>	0.00	<b>0.64</b>	12.11	<b>4.22</b>	0.00	<b>2.0</b>	22.71
	0.07		7.57		0.70		22.71
	0.14		4.16		1.41		21.58
	0.21				1.76		18.55
	0.28		*(0.25)		2.11		14.38
<b>0.70</b>	0.00	<b>0.91</b>	17.79		2.46	*(3.20)	9.08
	0.14		10.60		2.81		4.92
	0.35		4.54		3.16		
	0.49				0.00		22.71
	0.56		*(0.49)		0.70		22.71
<b>1.05</b>	0.00	<b>1.1</b>	20.44	<b>4.92</b>	1.41	<b>2.2</b>	22.71
	0.35		10.22		2.11		19.68
	0.49		6.43		2.46		15.14
	0.70				2.81		10.98
	0.84		*(0.74)		3.16		7.19
<b>1.41</b>	0.00	<b>1.2</b>	21.96		3.52	*(3.80)	3.40
	0.35		14.01		3.87		
	0.70		7.57		0.00		22.71
	0.84		2.27		0.70		22.71
	1.05		*(1.05)		1.41		22.71
<b>1.76</b>	0.00	<b>1.3</b>	22.33	<b>5.62</b>	2.46	<b>2.3</b>	20.82
	0.35		18.17		2.81		17.03
	0.70		9.84		3.16		12.49
	1.05		2.65		3.52		8.70
	1.41		*(1.30)		3.87		3.78
<b>2.11</b>	0.00	<b>1.5</b>	22.71		4.22	*(4.26)	
	0.35		21.96		4.57		
	0.70		14.38		0.00		22.71
	1.05		9.08		1.41		22.71
	1.41		3.02		2.11		22.71
<b>2.46</b>	0.00	<b>1.5</b>	22.71	<b>6.33</b>	2.81	<b>2.5</b>	21.58
	0.35		22.71		3.16		17.41
	0.70		18.17		3.52		13.25
	1.05		12.87		3.87		9.08
	1.41		6.43		4.22		6.05
<b>2.81</b>	0.00	<b>1.6</b>	22.71		4.57	*(4.78)	2.27
	0.35		22.71		4.92		
	0.70		20.82		0.00		22.71
	1.05		15.90		1.41		22.71
	1.41		9.84		2.11		18.93
<b>3.16</b>	0.00	<b>1.7</b>	22.71	<b>7.03</b>	4.22	<b>2.6</b>	11.36
	0.35		22.71		4.57		8.70
	0.70		21.96		4.92		4.54
	1.05		18.55		5.27		1.13
	1.41		12.87		5.62		*(5.34)
<b>3.52</b>	0.00	<b>1.8</b>	22.71	<b>8.44</b>	0.00	<b>2.9</b>	22.71
	0.35		22.71		2.81		22.71
	0.70		22.71		4.22		19.68
	1.05		21.58		5.62		8.70
	1.41		17.79		6.33		3.78
1.76	13.25	6.68	*(6.54)				
2.11	7.94						
2.46	2.65						
2.81	*(2.60)						