

Fertigation



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Injector Product Range — Models and Kit Assemblies

Injector Model Numbers	MNPT PVDF Black	MNPT Polypropylene Black	Injector Size In/Out MNPT	Maximum Suction @50 PSI GPH	Maximum Suction @3.4 Bars LPH	Suction Line Kit Only	Bypass & Suction Line Kit
283	X	X	1/2"	6.0	22.7	K184	K184-A
287	X	X	1/2"	8.3	31.4	K184	K184-A
384	X	X	1/2"	14.1	53.4	K184	K184-A
384X	X	X	1/2"	33.9	128.4	K184	K184-A
484	X	X	1/2"	17.4	65.9	K184	K184-A
584C	X	X	1/2"	25.6	96.9	K184	K184-A
484A	X	X	3/4"	17.4	65.9	K184	K184-B
484X	X		3/4"	41.7	157.8	K184	K184-B
584	X	X	3/4"	25.6	96.9	K184	K184-B
684	X		3/4"	25.0	95.0	K184	K184-B
878-02	X	X	1"	74.8	283.0	K183/ KR183	K181-A-02
885X-02	X	X	1"	140.0	530.0	K183/ KR183	K181-A-02
1078-02	X	X	1"	92.4	350.0	K183/ KR183	K181-A-02
1583A	X	X	1 1/2"	227.0	860.0	K183/ KR183	K183-A
1585X	X	X	1 1/2"	323.0	1222.0	K183/ KR183	K183-A
1587	X	X	1 1/2"	261.0	988.0	K183/ KR183	K183-A
2081A	X	X	2"	631.0	2388.0	K282/ KR282	K282-A
2083X	X	X	2"	1175.0	4448.0	K282/ KR282	K282-A
3090	X		3"	1236.0	4678.0	N/A	N/A
4091	X		4"	2820.0	10673.0	N/A	N/A

The 1" injectors with Model # ending in 02 have a check valve design that is the same as the 1 1/2" injectors.

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
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Mazzei® Injectors — Polypropylene




283-PP	1400000	1/2" MNPT		1	0.2		\$41.92	
287-PP	1400001	1/2" MNPT		1	0.2		\$41.92	MTO
384-PP	1400002	1/2" MNPT		1	0.2		\$59.69	
384X-PP	14000441	1/2" MNPT		1	0.2		\$59.69	MTO
484-PP	1400003	1/2" MNPT		1	0.2		\$59.69	
584C-PP	1400004	1/2" MNPT		1	0.2		\$59.69	MTO
484A-PP	1400005	3/4" MNPT		1	0.3		\$59.69	
584-PP	1400006	3/4" MNPT		1	0.3		\$59.69	
878-02-PP	1400007	1" MNPT		1	0.4		\$100.08	
885X-02-PP	1400008	1" MNPT		1	0.4		\$100.08	MTO
1078-02-PP	1400009	1" MNPT		1	0.4		\$100.08	
1583A-PP	1400010	1 1/2" MNPT		1	0.6		\$142.08	
1585X-PP	1400011	1 1/2" MNPT		1	0.6		\$142.08	MTO
1587-PP	1400012	1 1/2" MNPT		1	0.6		\$142.08	MTO
2081A-PP	1400013	2" MNPT		1	0.9		\$258.38	
2083X-PP	1400014	2" MNPT		1	0.9		\$258.38	MTO

Mazzei® Injectors — PVDF


	Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
1/2" MNPT									
	283-PVDF	14000100	1/2" MNPT		1	0.2		\$67.61	MTO
	287-PVDF	14000101	1/2" MNPT		1	0.2		\$67.61	MTO
	384-PVDF	14000102	1/2" MNPT		1	0.3		\$76.07	MTO
	384X-PVDF	14000103	1/2" MNPT		1	0.3		\$76.07	MTO
	484-PVDF	14000104	1/2" MNPT		1	0.3		\$76.07	MTO
	584C-PVDF	14000105	1/2" MNPT		1	0.3		\$76.07	MTO
3/4" MNPT									
	484A-PVDF	14000106	3/4" MNPT		1	0.3		\$76.07	MTO
	484X-PVDF	14000107	3/4" MNPT		1	0.3		\$76.07	MTO
	584-PVDF	14000108	3/4" MNPT		1	0.3		\$76.07	
	684-PVDF	14000109	3/4" MNPT		1	0.3		\$76.07	MTO
1" MNPT									
	878-02-PVDF	14000110	1" MNPT		1	0.5		\$148.84	
	885X-02-PVDF	14000111	1" MNPT		1	0.5		\$148.84	MTO
	1078-02-PVDF	14000112	1" MNPT		1	0.5		\$148.84	
1 1/2" MNPT									
	1583A-PVDF	14000113	1 1/2" MNPT		1	0.9		\$213.15	
	1585X-PVDF	14000114	1 1/2" MNPT		1	0.9		\$213.15	MTO
	1587-PVDF	14000115	1 1/2" MNPT		1	0.9		\$213.15	MTO
2" MNPT									
	2081A-PVDF	14000116	2" MNPT		1	1.3		\$389.15	
	2083X-PVDF	14000117	2" MNPT		1	1.4		\$389.15	MTO
3" and 4" MNPT									
	3090-PVDF	14000118	3" MNPT		1	4.0		\$1,205.67	MTO
	4091-PVDF	14000119	4" MNPT		1	10.65		\$2,051.82	MTO

Note: Mazzei® is a trademark of Mazzei Injector Company, LLC.


	Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
	A3	14000200	1/2" MNPT Red		50	7.6		\$42.21	MT0
	A4	14000201	1/2" MNPT Beige		50	7.6		\$42.21	MT0
	A5	14000202	1/2" MNPT Orange		50	7.6		\$42.21	MT0
	A7	14000203	1/2" MNPT Yellow		50	7.6		\$42.21	MT0
	A9	14000204	1/2" MNPT Lime Green		50	7.6		\$42.21	MT0
	A10	14000205	1/2" MNPT Dark Green		50	7.6		\$42.21	MT0
	A12	14000206	1/2" MNPT Blue		50	7.6		\$42.21	MT0
	A14	14000207	1/2" MNPT Purple		50	7.6		\$42.21	MT0
	A16	14000208	1/2" MNPT Grey		50	7.6		\$42.21	MT0
	A20	14000209	3/4" MNPT Light Brown		50	9.7		\$42.21	MT0
	A24	14000210	3/4" MNPT Dark Brown		50	8.7		\$42.21	MT0

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
Manifold (MAI-Series) AirJection® Units								
	MAI-2081	14000300	2" Unit w/ Model 2081A-PVDF Mazzei® Injector	1	7.0		\$1,195.19	MTO
	MAI-3090	14000301	3" Unit w/ Model 3090-PVDF Mazzei® Injector	1	14.2		\$2,485.58	MTO

Suction Kits

	K184	14000400	Suction line kit for 1/2" and 3/4" injectors Includes: MV-25, S-84, 10' clear vinyl 1/4" ID tubing, clamps	1	0.5		\$51.83	
	K183	14000401	Suction line kit for 1" and 1 1/2" injectors Includes: MV-50, TA-550, injectors. 10' clear vinyl 1/2" ID tubing, clamps	1	2.7		\$115.29	
	KR183	14000443	Economy Suction line kit for 1" and 1 1/2" injectors. Includes: ball valve, TA-550, S-84, 6' clear vinyl 1/2" ID tubing, clamps	1	2.7		\$49.90	MTO
	K282	14000402	Suction line kit for 2" injectors. Includes: C-86,S-87, 1" ball valve and connector, 10' clear vinyl 1" ID tubing, clamps	1	5.5		\$178.75	
	KR282	14000444	Economy Suction line kit for 2" injectors Includes: C75R, S-87, 1" ball valve & connector, 6' clear vinyl 1" ID tubing, clamps	1	5.5		\$113.37	MTO

Bypass Kits

	K184-A	14000403	Bypass and suction line kit for 1/2" injectors Includes: K184 Suction Kit, 1/2" ID 250 PSI tubing, 1/2" hose connectors, and hose clamps	1	1.7		\$99.90	
	K184-B	14000404	Bypass and suction line kit for 3/4" injectors Includes: K184 Suction Kit, 3/4" ID 250 PSI tubing, 3/4" hose connectors, and hose clamps	1	2.0		\$101.83	
	K181-A-02	14000405	Bypass and suction line kit for 1" injectors Includes: K183 Suction Kit, 1" ID 250 PSI tubing, 1" hose connectors, and hose clamps	1	4.3		\$209.52	
	K183-A	14000406	Bypass and suction line kit for 1 1/2" injectors Includes: K183 Suction Kit, 1 1/2" ID 250 PSI tubing, 1 1/2" hose connectors, and hose clamps	1	5.6		\$224.90	MTO
	K282-A	14000407	Bypass and suction line kit for 2" injectors Includes: K282 Suction Kit, 2" ID 250 PSI tubing, 2" hose connectors, and hose clamps	1	9.9		\$326.83	MTO

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
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Liquid Flowmeters — 1/2" MNPT Connections



F44250LH-8	14000408	.025-.25 GPM	1	0.4			\$153.59	MTO
F44330LH-8	14000409	3.0-30.0 GPH	1	0.4			\$153.59	MTO
F44375LH-8	14000410	.1-1.0 GPM	1	0.4			\$153.59	MTO
F44376LH-8	14000411	.2-2.0 GPM	1	0.4			\$153.59	MTO
F44500LH-8	14000412	.5-5.0 GPM	1	0.4			\$153.59	MTO

Suction Port Caps - Polypropylene



CAP-PP	14000413	Suction port cap for models 283 & 287	1	0.02			\$1.80	MTO
CAP-PP.25	14000414	Suction port cap for 1/2" & 3/4" injectors (excluding 283 & 287)	1	0.03			\$3.81	MTO
CAP-PP.50	14000415	Suction port cap for C83-PP & old style 1" injectors	1	0.04			\$7.85	MTO
CAP-PP.75	14000416	Suction port cap for new-style (-02) 1" & 1 1/2" injectors	1	0.04			\$7.85	MTO

Suction Port Caps - PVDF




CAP-PVDF	14000417	Suction port cap for models 283 & 287	1	0.02			\$2.94	MTO
CAP-PVDF.25	14000418	Suction port cap for 1/2" & 3/4" injectors (excluding 283 & 287)	1	0.04			\$5.06	MTO
CAP-PVDF.50	14000419	Suction port cap for C83-PP & old style 1" injectors	1	0.09			\$9.28	MTO
CAP-PVDF.75	14000420	Suction port cap for new-style (-02) 1" & 1 1/2" injectors	1	0.1			\$9.28	MTO
CAP-PVDF1.5	14000446	Suction port cap for 3.0" injectors (to close one suction port)	1	0.2			\$21.98	MTO
CAP-PVDF2.0	14000447	Suction port cap for 4.0" injectors (to close one suction port)	1	0.2			\$28.33	MTO

Check Valve Repair Kits




CR-1	14000421	for models 283 & 287	1	0.01			\$8.36	MTO
CR-2	14000422	for 1/2" & 3/4" injectors (excluding 283 & 287)	1	0.01			\$10.47	MTO
CR-3	14000423	for C83-PP, C83-PVDF & old style 1" injectors	1	0.02			\$12.58	MTO
CR-4	14000424	for new-style (-02) 1" & 1 1/2" injectors	1	0.02			\$16.82	MTO

Fertigation


	Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
	C83-PP	14000425	1/2" check valve for old-style 1" injectors - polypropylene		1	0.2		\$24.13	
	C83-PVDF	14000426	1/2" check valve for old-style 1" injectors - PVDF		1	0.2		\$37.97	MTO
	C75-CVA	14000448	1 1/4" check valve for 2" injectors - PVC (1 1/4" FNPT x 1" hose barb connections)		1	0.2		\$35.86	MTO
	C75R	14000449	1 1/4" check valve for 2" injectors - PVC (replacement valve for KR282 Kit)		1	0.2		\$35.86	MTO
	C86	14000427	1 1/4" check valve for 2" injectors - PVC (replacement valve for K282 Kit)		1	2.1		\$37.97	MTO

Metering Valves


	MV-25	14000428	1/4" metering valve for 1/2" & 3/4" injectors - polypropylene & Teflon		1	0.2		\$57.50	
	MV-5	14000460	1/2" metering valve for 1" & 1 1/2" injectors - polypropylene & Teflon *		1	0.6		\$89.21	
	MV-5-PVDF	14000461	1/2" metering valve for 1" & 1 1/2" injectors - PVDF & Teflon *		1	0.8		\$117.70	MTO

* Male thread






Tubing Adapters

	TA-225	14000431	1/4" x 1/4" (MNPT x Tube Size)		1	0.01		\$1.71	MTO
	TA-325	14000450	3/8" x 1/4" (MNPT x Tube Size)		1	0.01		\$1.71	MTO
	TA-525	14000432	1/2" x 1/4" (MNPT x Tube Size)		1	0.03		\$1.71	
	TA-550	14000433	1/2" x 1/2" (MNPT x Tube Size)		1	0.04		\$1.71	MTO

Tubing Clamps

	CLAMP#23	14000434	Clamp for 1/4" ID tubing		1	0.01		\$0.75	MTO
	CLAMP#44	14000435	Clamp for 1/2" ID tubing		1	0.02		\$0.75	MTO

Fertigation

	Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
	S-84	14000436	Strainer for suction lines, less tubing adapter	1		0.2		\$11.44	MTO
	S-84 1/4"	14000437	Strainer for suction lines for 1/2" & 3/4" injectors	1		0.2		\$13.37	
	S-84 1/2"	14000438	Strainer for suction lines for new-style (02) 1" & 1 1/2" injectors	1		0.2		\$13.37	MTO
	S-84FV	14000439	Strainer with foot valve, 3/8" hose barb and 1/2" MNPT connector	1		0.3		\$34.52	MTO
	S-87	14000440	PVC strainer for 1" suction lines used on 2" injectors	1		0.3		\$13.37	MTO

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
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MixRite Fertigation Injectors

Standard



570	14001000	.3% to 2%, 500/1 to 50/1	1	4.5		\$683.11	
571	14001001	.3% to 2%, 500/1 to 50/1 w/chemical shut off	1	4.6		\$709.08	MTO
572	14001002	.4% to 4%, 250/1 to 25/1	1	4.5		\$683.11	
573	14001003	.4% to 4%, 250/1 to 25/1 w/chemical shut off	1	4.6		\$709.08	MTO
574	14001004	3% to 10%, 33/1 to 10/1	1	7.0		\$1,205.17	MTO
575	14001005	3% to 10%, 33/1 to 10/1 w/chemical shut off	1	7.1		\$1,231.15	MTO

Internal Bypass w/ Yellow Sleeves



576IN	14001006	.2% to 2%, 500/1 to 50/1, Internal Bypass	1	4.5		\$394.08	MTO
577IN	14001007	.2% to 2%, 500/1 to 50/1 w/chemical shut off, internal bypass	1	4.6		\$935.03	MTO
578IN	14001008	.4% to 4%, 250/1 to 25/1, internal bypass	1	4.5		\$394.08	MTO
579IN	14001009	.4% to 4%, 250/1 to 25/1 w/chemical shut off, internal bypass	1	4.6		\$936.34	MTO
571GREEN	14001101	.2% fixed for home use with on/off	1	3.6		\$631.43	

CL Models for Chlorine, w/ Hastelloy Springs and Purple Sleeve




570CL	14001010	.2% to 2% 500/1 to 50/1	1	4.5		\$1,033.24	MTO
571CL	14001011	.2% to 2% 500/1 to 50/1, Chemical on/off	1	4.6		\$1,061.96	MTO
572CL	14001012	.4% to 4% 250/1 to 25/1	1	4.5		\$1,033.24	MTO
573CL	14001013	.4% to 4% 250/1 to 25/1, Chemical on/off	1	4.6		\$1,061.96	MTO
574CL	14001014	3% to 10% 33/1 to 10/1	1	7.0		\$1,326.01	MTO
575CL	14001015	3% to 10% 33/1 to 10/1, Chemical on/off	1	7.1		\$1,352.33	MTO

PVDF Models for Corrosive Liquids (Chlorine or Acids)




570PVDF	14001020	.2% to 2% 500/1 to 50/1	1	4.7		\$1,148.06	MTO
571PVDF	14001021	.2% to 2% 500/1 to 50/1, Chemical on/off	1	4.8		\$1,176.76	MTO
572PVDF	14001022	.4% to 4% 250/1 to 25/1	1	4.7		\$1,148.06	MTO
573PVDF	14001023	.4% to 4% 250/1 to 25/1, Chemical on/off	1	4.8		\$1,176.76	MTO
574PVDF	14001024	3% to 10% 33/1 to 10/1	1	7.2		\$1,722.08	MTO


Fertigation

	Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Price List	Stock Code
	TF3-002	14001032	1" Pipe thread up to 2%	1	4.5		\$683.11	MTO
	TF3-002ON/OFF	14001033	1" Pipe threads up to 2%, on/off	1	4.6		\$709.08	MTO
	TF3-004	14001034	1" Pipe thread up to 4%	1	4.5		\$683.11	MTO
	TF3-004ON OFF	14001035	1" Pipe threads up to 4%, on/off	1	4.6		\$709.08	MTO


TF-5 22GPM, 1" NPT

	TF5-001	14001051	0.1%-1%, 1", npt	1	9.25		\$1,069.61	MTO
	TF5-001ON/OFF	14001056	0.1%-1%, on/off, 1", npt	1	9.25		\$1,194.23	MTO
	TF5-002	14001052	0.2%-2.0%, 1", npt	1	9.25		\$1,069.61	
	TF5-002ON/OFF	14001057	0.2%-2.0%, on/off, 1", npt	1	9.25		\$1,230.06	MTO
	TF5-005	14001055	1%-5%, 1", npt	1	9.25		\$1,684.65	MTO
	TF5-005ON/OFF	14001058	1%-5%, on/off, 1", npt	1	9.25		\$1,845.09	MTO

TF-10 45GPM, 1 1/2" NPT

	TF10-001	14001061	.1% to 1% 1,000 to 1 1,000/1 to 100/1	1	16.2		\$1,635.99	
	TF10-002	14001062	.2% to 2%, 500/1 to 50/1	1	16.2		\$1,635.99	
	TF10-005	14001065	1% to 5%, 100/1 to 20/1	1	16.2		\$1,779.48	MTO

TF-25 110 GPM, 2" NPT

	TF25-001	14001071	.1% to 1% 1,000/1 to 100/1	1	39.6		\$3,587.68	MTO
	TF25-001ON/OFF	14001076	.1% to 1% 1,000/1 to 100/1, on/off	1	39.6		\$3,706.53	MTO
	TF25-002	14001072	.3% to 2.5% 333/1 to 40/1	1	39.6		\$3,587.68	
	TF25-002ON/OFF	14001077	.3% to 2.5% 333/1 to 40/1, on/off	1	39.6		\$3,706.53	MTO
	TF25-005	14001075	1% to 5% 100/10 TO 20/1	1	39.6		\$3,874.70	MTO
	TF25-005ON/OFF	14001078	1% to 5% 100/10 TO 20/1, on/off	1	39.6		\$3,993.54	MTO

Note: MixRite is a trademark of Tefen Plastics Products.