

# Models

## 25170-1.8/25170-2.1/25170-2.3

## 25170-1.8A/25170-2.1A/25170-2.3A

# CHEMICAL INJECTORS

Chemical Injector Rating with an Original Orifice			
Model Number (Nozzle Size)	Desired Flow	Orifice Size	Max Chemical Draw*
	(GPM)	(mm)	(oz/min)
25170-1.8(A) (#8)	1	1.8	50
25170-1.8(A) (#8)	3	1.8	53
25170-2.1(A) (#11)	3	2.1	56
25170-2.1(A) (#11)	5	2.1	58
25170-2.3(A) (#13)	5	2.3	50
25170-2.3(A) (#13)	8	2.3	56

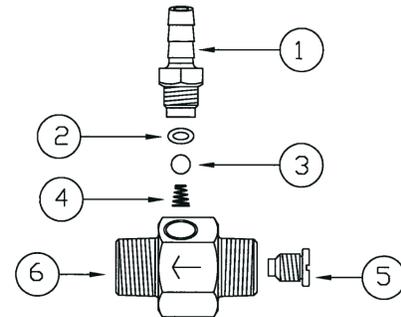
\*Based on 50 feet of 1/2" hose, longer hose will affect the amount of the draw.

### OPERATING CONDITIONS

Maximum Pressure:	4000 PSI
Maximum Temperature:	194 °F
Inlet Port:	3/8" MNPT
Outlet Port:	3/8" MNPT
Orifice Size (25170-1.8A):	1.8 mm (#8)
Orifice Size (25170-2.1A):	2.1 mm (#11)
Orifice Size (25170-2.3A):	2.3 mm (#13)

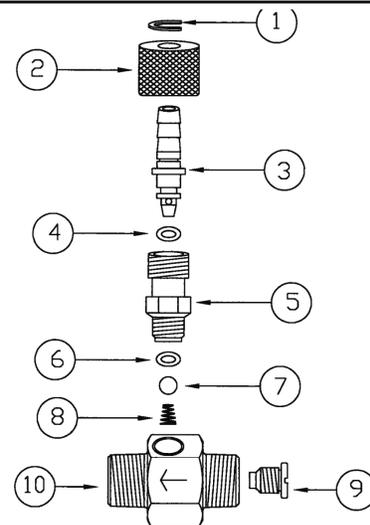
### Fixed Injectors

Item #	Part #	Description	Qty
1	12517	Hose Barb	1
2	12516-0001	O-Ring, Viton	1
3	23010-0100	7/32" 316 SS Ball	1
4	23009-0700	Spring, Hastelloy	1
5	06727-0400	Orifice, SS (25170-1.8)	1
5	06728-0400	Orifice, SS (25170-2.1)	1
5	06729-0400	Orifice, SS (25170-2.3)	1
6	06726	Injector Body	1



### Adjustable Injectors

Item #	Part#	Description	Qty
1	23405	Retaining Clip	1
2	23104	Adjusting Screw	1
3	23102	Hose Barb	1
4	02009-0001	O-Ring	1
5	23103	Valve Seat	1
6	12516-0001	O-Ring	1
7	23010-0100	S.S. Ball	1
8	23009-0700	Spring, Hastelloy	1
9	06727-0400	Orifice, SS (25170-1.8A)	1
9	06728-0400	Orifice, SS (25170-2.1A)	1
9	06729-0400	Orifice, SS (25170-2.3A)	1
10	06726	Body	1



**WARNING:** This product might contain a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**GIANT**

GIANT INDUSTRIES, INC.

900 N. Westwood Ave. Toledo, Ohio 43607

(419)-531-4600 - FAX: (419)-531-6836 - [www.giantpumps.com](http://www.giantpumps.com)

Performance Under Pressure © Copyright 2023 Giant Industries, Inc.

11/23 25170.indd