



Griffco Valve Inc.
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CORPORATION STOPS



Features:

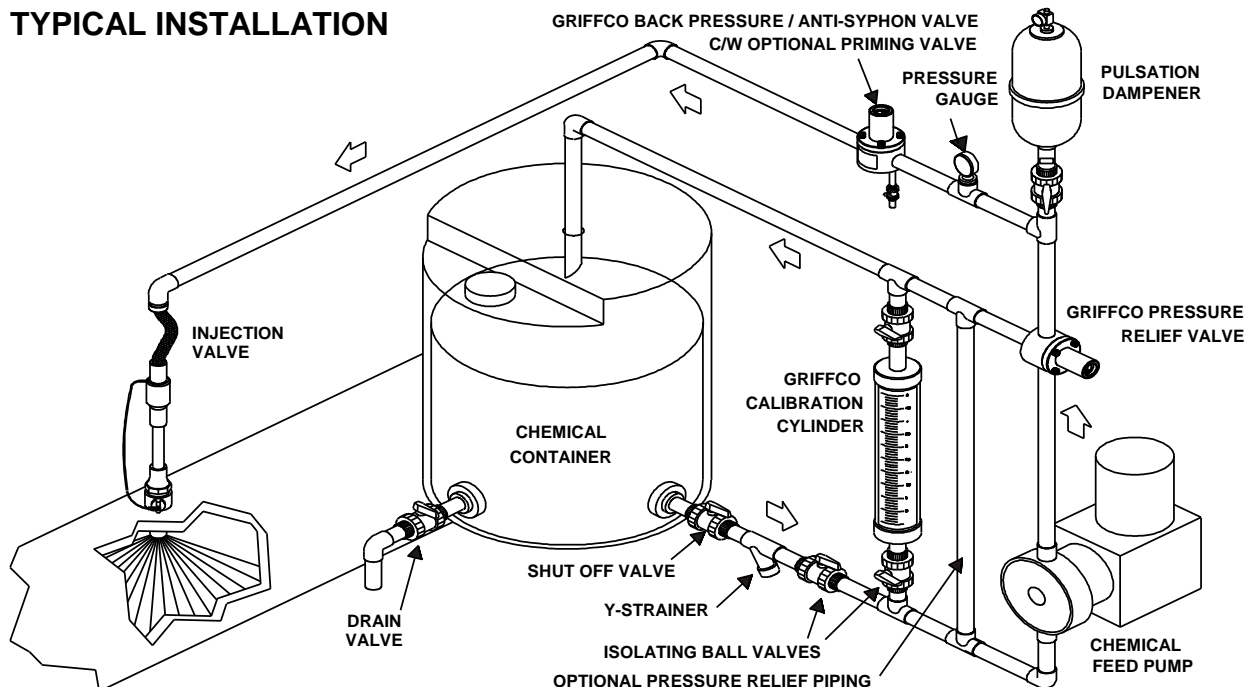
- High Reliability / Low Cost
- Robust, machined construction
- Union connections (Threads optional)
- Integral ball check valve w/spring
- Multiple tip options
- Dual lock capability
- 316SS locking chain
- Variable & custom injector lengths
- Ball Valves with PTFE seals
- Wide range of materials for quills and ball valves

Griffco corporation stops are designed to ensure chemical feed systems inject into the center of a process stream for better mixing and to prevent corrosion along the process pipe. In addition, they allow for quill servicing without having to turn off or shut down the process or main line. The check valve prevents the process fluid from going back up the chemical line. Robust construction ensures reliability in the rigorous service of municipal and industrial applications. Materials of construction include PVC, CPVC, PVDF, 316 SS, Alloy 20 and Hastelloy C. They are available in sizes 1/2", 3/4", and 1".

Operation:

Griffco corporation stops are threaded into a process pipe or tank to deliver chemical to a desired application point. The ball valve allows for separation of the process fluid and chemical being injected for servicing or isolations purposes. The integrated quill keeps the chemical off the wall of the tank or pipe and will ensure better mixing of the chemical with the process fluid. The ball check in the valve functions as a positive shut-off to ensure the process fluid does not go back up the chemical line. The union facilitates an easy connection between the valve and the chemical line. An optional flexible line is available to allow for removing or retracting the quill from the process or main.

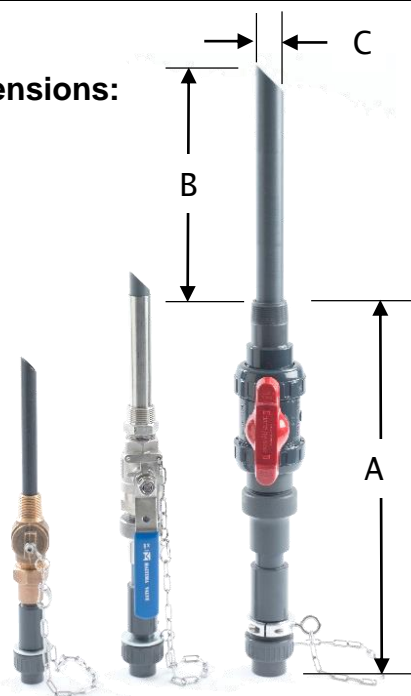
TYPICAL INSTALLATION



Technical Data:

Sizes: Model CS	1/2", 3/4", and 1"
Quill Connections:	Plastic: Union Socket Metal: Male Threads
Ball Connections	Threaded: 3/4", 1", 1.25" (NPT, AWWA [Brass only])
Maximum Temperature: (°F)	Plastic: 140° ; Metal: 300°
Maximum Operating Pressure:	150 psi
Materials of Construction:	
Valve Ball / Spring:	Plastic: PTFE Ball / Hastelloy C Spring Metal: 316SS Ball and 316SS Spring (matches body)
O Ring:	Standard: Viton Optional: EPDM
Union Nut	Standard: PVC for plastic valves. N/A for metal valves, threads only. Optional: Others on Request
Injection Quill Body	PVC, CPVC, PVDF, 316 SS, A 20, Hast. C, Others on Request
Locking Chain	316SS

Dimensions:

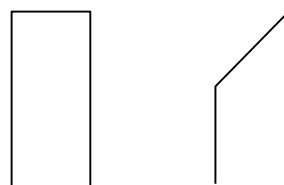


Connection Size	Ball Valve	"A" Length	"B" Quill Length (* std)	"C" Tip OD
1/2"	3/4"	9"	6" *	1/2"
3/4"	1"	13"	6" *	3/4"
1"	1.25"	17"	6" *	1"

Quill Length	In.	mm
1	1	25
2	2	50
3	3	75
4	4	100
5	5	125
6	6	150
7	7	175
8	8	200
9	9	225
10	10	250
11	11	275
12	12	300
13	13	325
14	14	350
15	15	375
16	16	400
17	17	425
18	18	450
19	19	475
20	20	500
21	21	525
22	22	550
23	23	575
24	24	600

Tip Configurations:

Flat (standard) Beveled



Note: standard configuration is:

- 6" Quill length
- Flat tip
- Viton orings (union only)
- Male NPT threads

Product Codes for Ordering:

CS □ □ □□□ □ □ □

1 = Ball Valve Material **2 = Check Valve** **3 = Size**

S - 316SS Blank - No Check 050 - 1/2"
 B - Brass C - w/check valve 075 - 3/4"
 P - PVC 100 - 1"
 K - PVDF
 CP - CPVC
 BW - Brass (AWWA threads)

4 = Quill Material

S - 316 SS
 A - Alloy 20
 C - Hastelloy C
 P - PVC
 K - PVDF
 CP-CPVC

5 = Quill Length

Blank - 6" (Standard)
 (Others by request)

6 = Options

Blank - Viton oring & flat tip
 E - EPDM Union oring
 B - BSPT threads
 S - Socket Conn. (Plastic only)
 SD - Metric Socket
 X2 - Dual chain lock
 TC - PTFE Coated Hast. C Spring
 L - Beveled/angled
 N - No Check Valve/Threaded Conn.

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