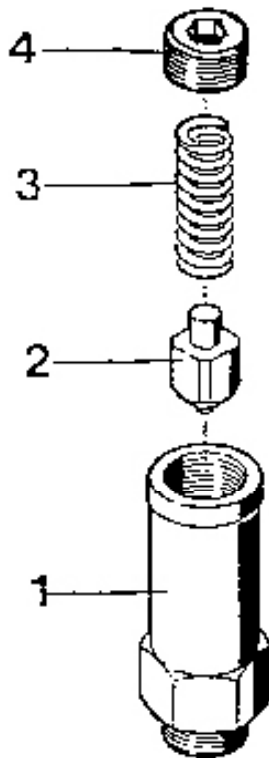


Series

Pop-Off Valves Brass & 316 S.S.

22530 & 22550 - Brass

22530-5100 & 22550-5100 - S.S.



Parts List

<u>Item</u>	<u>Part#</u>	<u>Description</u>	<u>Quantity</u>
1	22557	Body 1/4" NPT	1
1*	22557-5000*	S.S. Body 1/4" NPT	1
1	22559	Body 3/8" NPT	1
1*	22559-5000*	S.S. Body 3/8" NPT	1
2	22555	Valve	1
3	22556	Spring, Silver (1200 PSI)	1
3*	22556-0100*	Spring, Yellow (1200 PSI)	1
3	22558	Spring, Red (2400 PSI)	1
3*	22558-0100*	Spring, Purple (2400 PSI)	1
3	22563	Spring, Orange (3600 PSI)	1
3*	22563-0100*	Spring, Black (3600 PSI)	1
3	22937	Spring, Blue (5000 PSI)	1
3*	22937-0100*	Spring, Green (5000 PSI)	1
4	22554	Adjusting Screw	1

***For Stainless Steel Units Only**

Common Specifications:

Maximum Flow:	10 GPM
Minimum Flow:	1 GPM
Maximum Temperature:	160 °F
Inlet Port:	1/4" (22550 Series)
	3/8" (22530 Series)
Outlet Port:	3/4" Hose Barb
Dimensions:	0.75" X 2.06"

Pressure Specifications:

<u>1/4" NPT Inlet</u>	<u>3/8" NPT Inlet</u>	<u>Max. PSI (Bar)</u>	<u>Min. PSI (Bar)</u>
22550A	22530A	1200 (83)	500 (35)
22560A	22531A	2400 (165)	1200 (83)
22565A	22532A	3600 (250)	2400 (165)
22568	22533A	5000 (345)	3600 (250)



Giant Industries, Inc.
900 N. Westwood Ave.
Toledo, Ohio 43607
419-531-4600
FAX 419-531-6836
www.giantpumps.com

INSTALLATION INSTRUCTIONS

- 1) Position the pop-off valve on the discharge side of the pumping unit between the pump and the unloader. The 1/4" MNPT or 3/8" MNPT is the inlet. (Mount unit directly onto the pump for best results.)
- 2) Adjust the valve relief pressure setting as follows:
 - a. Start the pump with the shut-off gun open and adjust the system pressure to 600 PSI (minimum) above the normal operating pressure.
 - b. If the valve opens or leaks, stop the pump.
 - c. Use a 1/4 inch allen wrench to turn the adjusting screw clockwise to increase the pressure so that the spring is compressed.
 - d. Repeat steps a-c (above) until the valve does not open or leak at a minimum of 600 PSI above the normal operating pressure.
- 3) Reset the system pressure back to the normal operation.
- 4) A hose may be clamped over the outlet of the valve if desired. The other end of the hose may then be placed in a sewer, float tank, or other suitable drain.

WARNING: Never attempt to stop the valve leakage by overtightening the adjusting screw (item #4) or by any other means that would not allow the valve (item #2) to open and thus relieve excess system pressure. Tampering with the valve could result in a situation that may cause the system damage and/or severe personal injury.

CAUTION: The discharge from an opened pop-off valve must be readily visible by the system operator. In the event that a pop-off valve opens, the system should be immediately shut down and a trouble-shoot procedure performed before restarting the pump. Take care that the pop-off valve is installed pointed down to prevent bodily injury. Valves must be free of foreign material for proper operation.

- 5) Pop-off valves are suitable for protection from malfunctions in pumps, unloaders, regulators, heating coils, shut-off guns, and straight-through guns. For best results, use the pop-off valve in conjunction with an accumulator or pulsation dampener.

CAUTION: Remember that the pop-off valve is designed to be used as a safety relief only. It is not to be used as a primary system unloader.



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