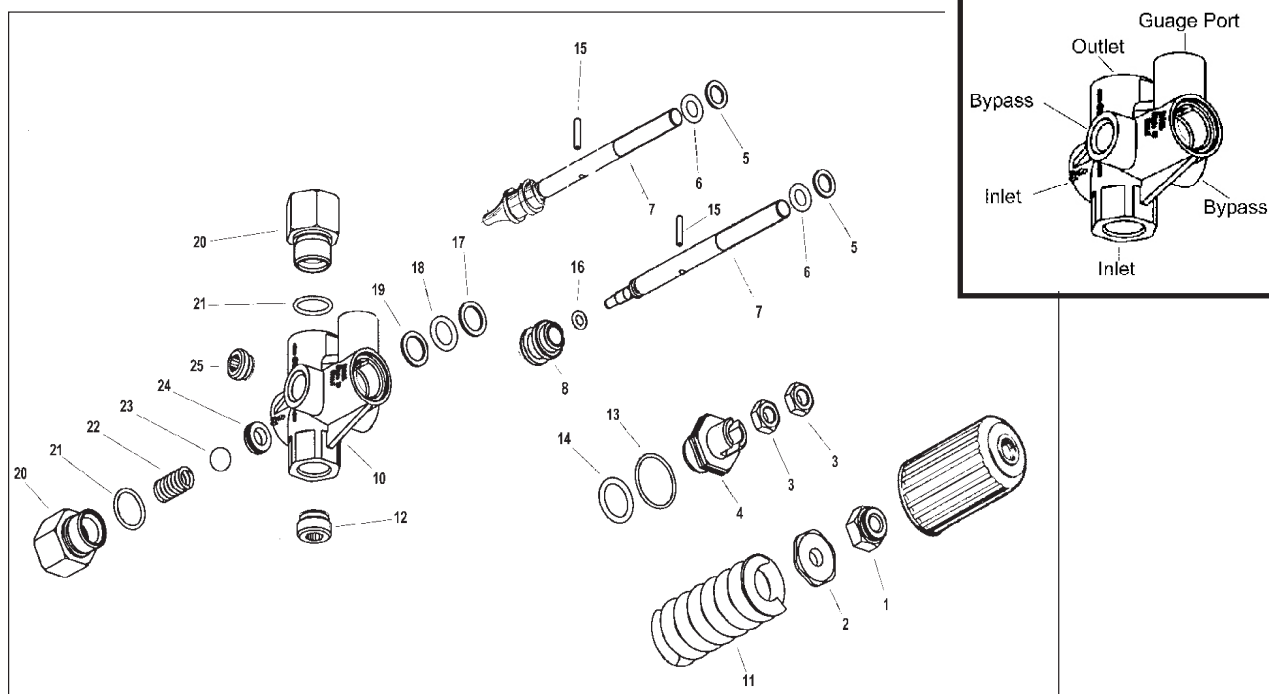


# Models

## 25161 / 25162

# Pressure Regulator



Item No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
1	16255	Nut M8X1	1	13	16276	O-Ring Yellow (25162)	1
2	16206	Spring Brass	1	13	16263	O-Ring Blue (25161)	1
3	16216	Nut M8X1	2	14	16203	O-Ring	1
4	16256	Coupling M18x1	1	15	16204	Pin	1
5	16201	Washer	1	16	16167	O-Ring (25161)	1
6	16200	O-Ring	1	17	16198	Nut	1
7	16274	Threaded Assembled Piston (25162)	1	18	16199	O-Ring	1
7	16257	Threaded Assembled Piston (25161)	1	19	16264	Nut Teflon	1
8	16258	Spacer for Piston (25161)	1	20	16265	Coupling Brass	1
9	16259	Nut M5 (25161 Only)	1	21	16266	O-Ring	2
10	16260	By- Pass Body	1	22	16267	Spring	1
11	16275	Spring (25162)	1	23	16268	Ball 13/32" S.S.	1
11	16261	Spring (25161)	1	24	16269	Seat S.S.	1
12	16262	Cap 3/8	1	25	16270	Cup 1/4"	1
				29	16280	Handle	1



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

### OPERATING CONDITIONS

<b>Maximum Flow:</b>	10.5 GPM	<b>Inlet Port:</b>	3/8" BSP
<b>Pressure: (25161)</b>	4100 PSI	<b>Outlet Port:</b>	3/8" BSP
<b>Pressure: (25151)</b>	1800 PSI	<b>Bypass:</b>	2 x 1/4"
<b>Max. Temp.:</b>	194 °F		

### Repair Kit#

### Includes

**25161 / 09505** 5,6,13,14,16,17,18,19,21,22,23,24

**25162 / 09506** 5,6,13,14,17,18,19,21,22,23,24

# TROUBLESHOOTING

Problems	Causes	Remedies
With gun closed the gun cycles:	1. Leaks from connections, components and various accessories	1. Repair or replace the faulty parts
Irregular pressure:	1. Lack of water  2. Air in the system	1. Check water pressure at source Fully open water supply Check that the pipe which connects to the water main is neither bent nor squashed Check that the tank and float are working properly  2. Run the machine until the air is drawn off Check that the tank and floats are working properly
The valve does not reach the required pressure:	1. Foreign bodies on the seal 2. O-Ring ruined 3. Fittings worn 4. Seal housing worn 5. Pump worn	1. Check and clean 2. Replace 3. Replace 4. Replace 5. Pump maintenance



**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)



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