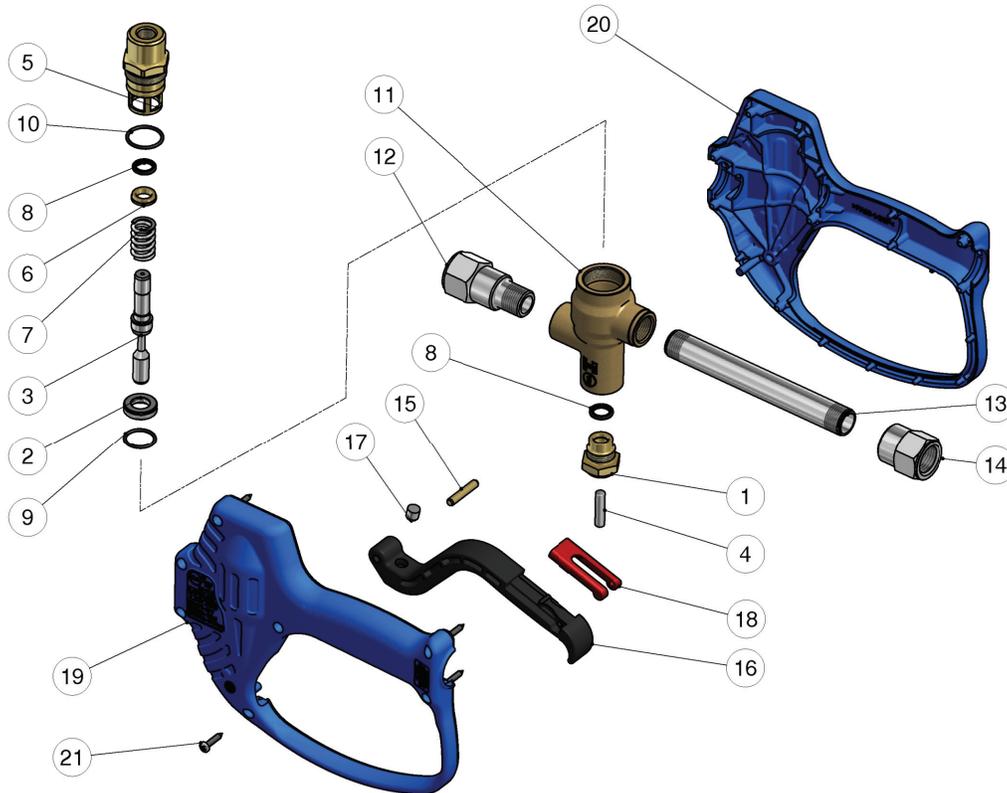


# Model 21381

## Linear Shut-Off Gun



### PARTS LIST

Item	Part #	Description	Quantity
1	04304	Plug	1
2&3	04305*	Piston and Seat	1
4	04306	S.S. Parallel Pin	1
5	04307	Spring Holder	1
6	04308	Spacer Ring	1
7	04309*	Spring	1
8	04310*	Stem Seal	2
9	07770*	O-Ring	1
10	08719*	O-Ring	1
11	04311	Housing	1
12	04312	S.S. Coupling, 1/2"FNPT	1
13	04053	S.S. Tube	1
14	04313	S.S. Coupling, 1/2"FNPT	1
15	05990	Parallel Pin, brass	1
16	04649	Trigger	1
17	04314	Stop Pin	1
18	04048	Safety Latch, Red	1
19	04315	Casing Kit (Items 19, 20 & 21)	1
21	04052	Self Tapping Screw	7

### Kit - #09764

\*includes 2, 7, 8, 9, and 10

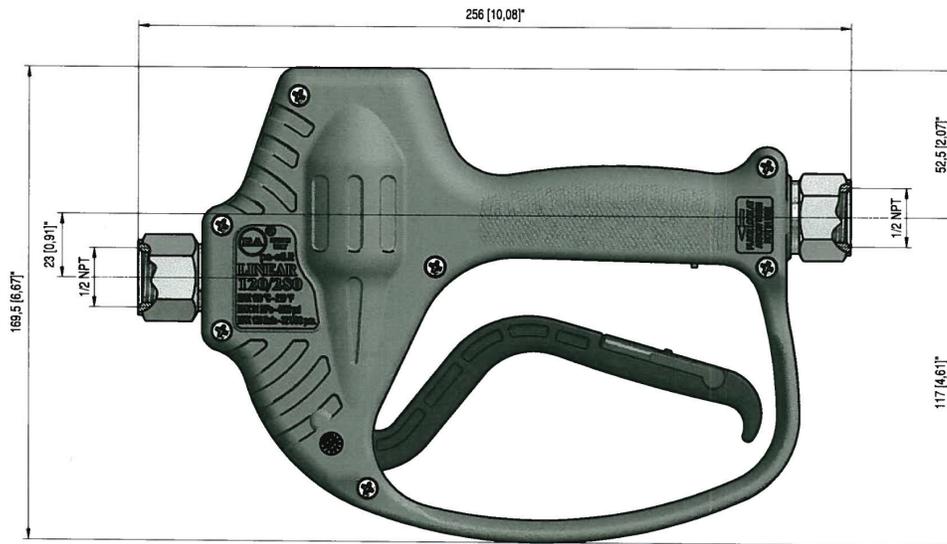
### OPERATING SPECIFICATIONS

	U.S.	Metric
Max. Flow:	32 GPM	120 L/min
Rated Pressure:	4050 PSI	280 Bar
Max. Pressure:	4500 PSI	310 Bar
Max. Temp.:	210° F	100° C
Weight:	2.8 lbs.	1265 grams
Inlet Port:	1/2" FNPT	
Outlet Port:	1/2" FNPT	



**\*WARNING\***  
**HIGH PRESSURE**  
**DO NOT POINT AT INDIVIDUAL**  
**MAY CAUSE SERIOUS INJURY!**

## DIMENSIONS – mm (inches)



### INSTRUCTIONS

This product is to be utilized with clean fresh water, even slightly added with normal detergents. For use involving different or corrosive liquids, contact the Giant's technical department. Appropriate filtration should be installed when using unclean liquids. Choose the gun in line with the data of nominal running (system rated pressure, max flow and max temperature). The pressure of the machine should not exceed the permissible pressure rate imprinted on the gun.

### INSTALLATION

This gun was designed to operate with **hot water** (in compliance with the technical specifications).

**Always** fit a safety valve to protect the delivery conduct when the latter is under pressure.

Choose a suitable nozzle and adjust the valve mounted in the front of the gun, thus obtaining a constant supply and avoiding unpleasant pressure spike when closing the system.

If the nozzle wears out, the pressure falls. When you install a new nozzle, adjust the system back to the original pressure.

### OPERATION

The gun opens and closes a high pressure conduct due to a piston acting on the seat; the return is controlled by a spring which releases the trigger. **Caution: during pump activation, always connect the safety latch to prevent accidental openings.**

### WATER HOSE FEED

By high or very unsteady pressure values on delivery, it is necessary to mount a pressure reducer in order to level the flow rate on delivery and to protect the system components.

### PROBLEMS AND SOLUTIONS

PROBLEMS	PROBABLE CAUSES	SOLUTIONS
Leakage from the nozzle	Presence of impurities Gun seat worn out	Clean Replace the seat Fit adequate filters and/or check
Leaking seals	Seals worn out	Replace seal
Difficult trigger opening	High pressure inside circuit	Check the bypass valve and adjust it if necessary

### MAINTENANCE

Maintenance has to be carried out by **Specialized Technicians**.

STANDARD: every 400 working hours (circa 10,000 cycles), check and lubricate the seals with water resistant grease.  
SPECIAL: every 800 working hours (circa 20,000 cycles), check the wear of the seals and internal parts and if necessary, replace with original Giant parts, taking care during installation to lubricate with water resistant grease.



**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**  
Performance Under Pressure

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