

# Model 21795

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High Flow Shut-Off Gun



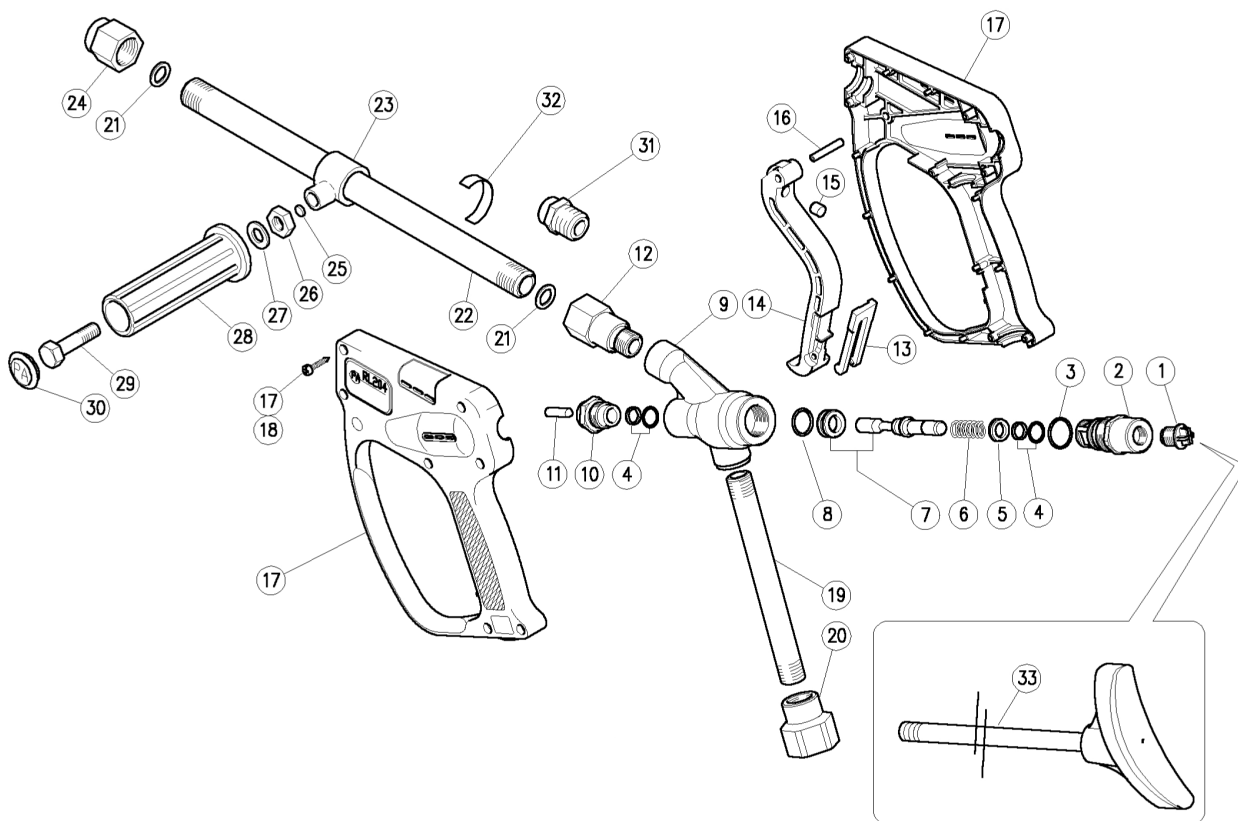
## OPERATING SPECIFICATIONS

	<u>U.S.</u>	<u>Metric</u>
Max. Flow:	52.8 GPM	200 L/min
Max. Pressure:	2900 PSI	200 Bar
Max.Temp.:	212° F	100° C
Weight:	2.97 lbs.	1348 grams
Inlet Port:	3/4" BSP	
Outlet Port:	1/2" BSP	

**NOTE:** The gun has been deisned for continuous use at a water temperature of 140° F (60° C). It can only operate at 212° F (100° C) for short periods of time.



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



Item	Part #	Description	Qty.
1	04038	Plug	1
2	04307	Spring Holder	1
3	08719	O-Ring	1
4	04310	Stem Seal	2
5	04308	Spacer Ring	1
6	04309	Spring	1
7	04305	Piston and Seal	1
8	08706	O-ring	1
9	03064	Housing	1
10	04304	Front Plug	1
11	04348	Parallel Pin	1
12	04047	Coupling	1
13	04048	Safety Latch	1
14	04049	Trigger	1
15	04351	Stop Pin	1
16	04050	Parallel Pin	1
17	04392	Casing Kit	1

Item	Part #	Description	Qty.
18	04052	Self Tapping Screw	7
19	04053	Tube	1
20	03065	Inlet Fitting	1
21	04080	Washer	2
22	04355	Tube, 15"	1
22	04356	Tube, 31"	1
22	04357	Tube, 49"	1
23	04084	Tube Fastener	1
24	04172	Nozzle Holder	1
25	21771	Plate	2
26	04085	Hexagon Nut	1
27	04086	Washer	1
28	13062	Knob	1
29	04087	Screw	1
30	04088	Plug	1
31	21677	Nozzle Holder	1
33	04089	Shoulder Rest	1

#### Spares Kit - #09745

Item	Part #	Description	Qty.
23	04084	Tube Fastener	1
25	21771	Plate	2
26	04085	Hexagon Nut	1
27	04086	Washer	1
28	13062	Knob	1
29	04087	Screw	1
30	04088	Plug	1

#### Knob Kit - #04377

Item	Part #	Description	Qty.
26	04085	Hexagon Nut	1
27	04086	Washer	1
28	13062	Knob	1
29	04087	Screw	1
30	04088	Plug	1

## 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.

**CAUTION:** Re-assemble the gun restoring the original conditions.

**The manufacturer is not to be considered responsible for damage as a result from incorrect fitting and maintenance.**

## INSTRUCTIONS

This product is to be utilized with clean fresh water, even slightly additivated with normal detergents. For use involving different or corrosive liquids, contact 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). In any case, 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 specs). Provide the plant generating **hot water** with an equipment limiting the incidental increase of the fluid temperature.

**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.

## OPERATIONS

The gun opens and closes a high pressure conduct by means of a piston acting on a seat; the return is controlled by a spring which releases the trigger. **Attention: during pump activation always set the gun with its safety latch connected in order to prevent accidental openings.**

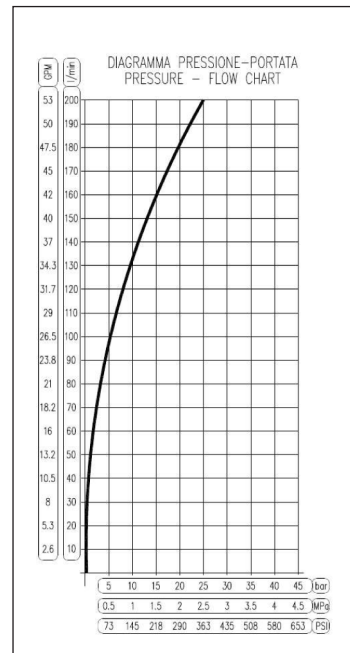
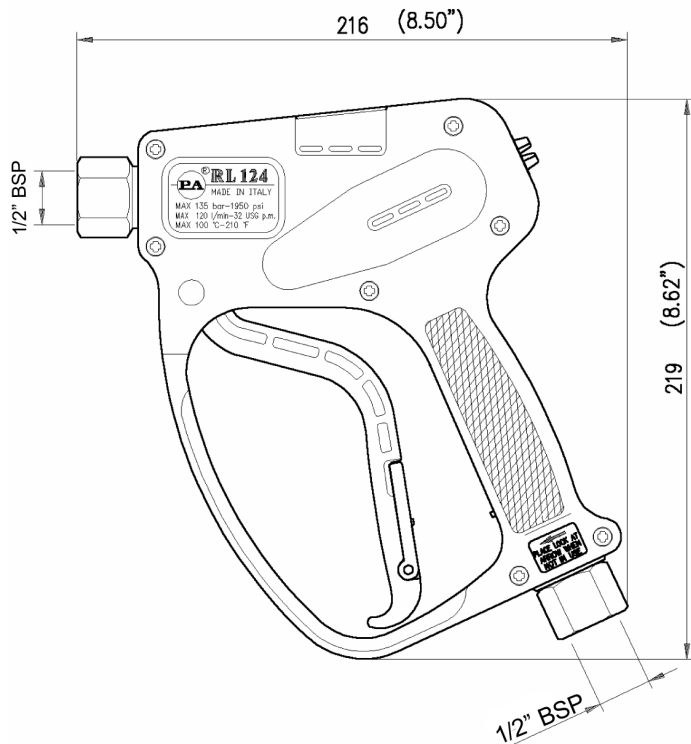
## WATER HOSE FEED

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

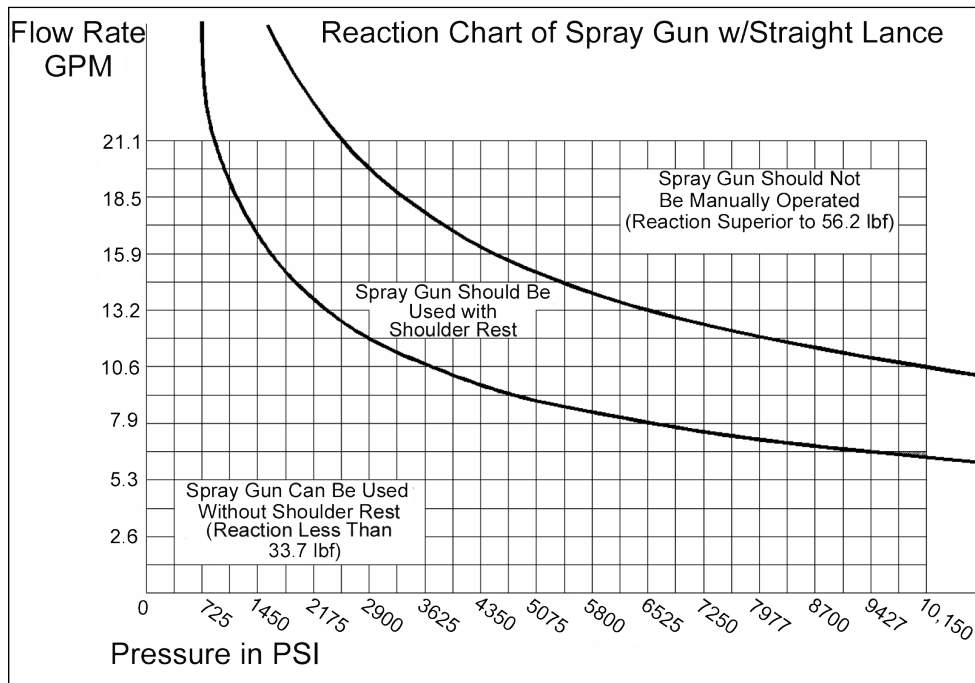
## PROBLEMS AND SOLUTIONS

PROBLEMS	PROBABLE CAUSES	SOLUTIONS
Leakage from the nozzle side of the gun	Presence of impurities Gun seat worn out	Clean Replace the seat
Leakages from the seals	Seals worn out	Replace the seals
The trigger opens up with difficulty	The pressure inside the circuit is too high	Check the bypass valve and adjust it if necessary

## DIMENSIONS - mm (in)



\* **Attention:** in order to prevent any risk of instability due to pressure spikes, check the above chart carefully!



# GIANT

**Performance Under Pressure**

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**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)