

**SPEAKMAN COMPANY**  
**SE-590 Installation, Maintenance & Operation Instructions**  
**EYESAVER® EYEWASH**

**DESCRIPTION**

Portable emergency eyewash. Supplied with stainless steel tank, stay-open full flow ball valve; activated by stainless steel push handle; pressure gauge, air filler, pressure relief valve, twin spray heads with flip-off dust covers, and drench hose activated by a squeeze handle with non-aerated spray nozzle.

**SPECIFICATIONS**

TANK: 10 Gallon Stainless Steel.

SPRAY HEADS: (2) Yellow ABS Plastic Spray Outlet, Dust Cover.

VALVE: 1/2" NPT Female Brass, Chrome-Plated.

ACTIVATOR: Stainless Steel Push Handle.

DRENCH HOSE:

VALVE: 3/8" NPT Female Brass, Chrome-Plated.

HOSE: 6' Reinforced, 750 PSI Burst Pressure, Hose clip for Valve and Dust Cap.

SHIPPING WEIGHT: 24.59 lbs.

EMERGENCY SIGN: 7-7/8" x 7-7/8" Plastic Wall Sign.

**OPTIONS**

◇ SGN4 (Eye Wash Floor Sign)
◇ SSBV2 (1/2" Stainless Steel Valve)

**INSTALLATION**

Assemble bull horn assembly (item #4) and 3/8" pipe to 3/8" ball valve. Review drawing (as shown on other side) to assure proper assembly. Use thread sealant on joint. Once fully assembled, fill tank with 8 gallons of water and pressurize tank with 85 PSI of air. Be sure to recharge after each use.

**OPERATION**

The *eyewash* is activated by pushing the push handle back 90°. Once the unit is activated, water will discharge from the spray outlets until the push handle is manually pulled back to the off position. The *drench hose* is activated by applying pressure to the valve handle. The self-closing valve will open and an aerated flow of water will discharge from the outlet. Water will continue to flow as long as the handle is depressed. Once pressure on the handle is released, the valve will immediately shut off.

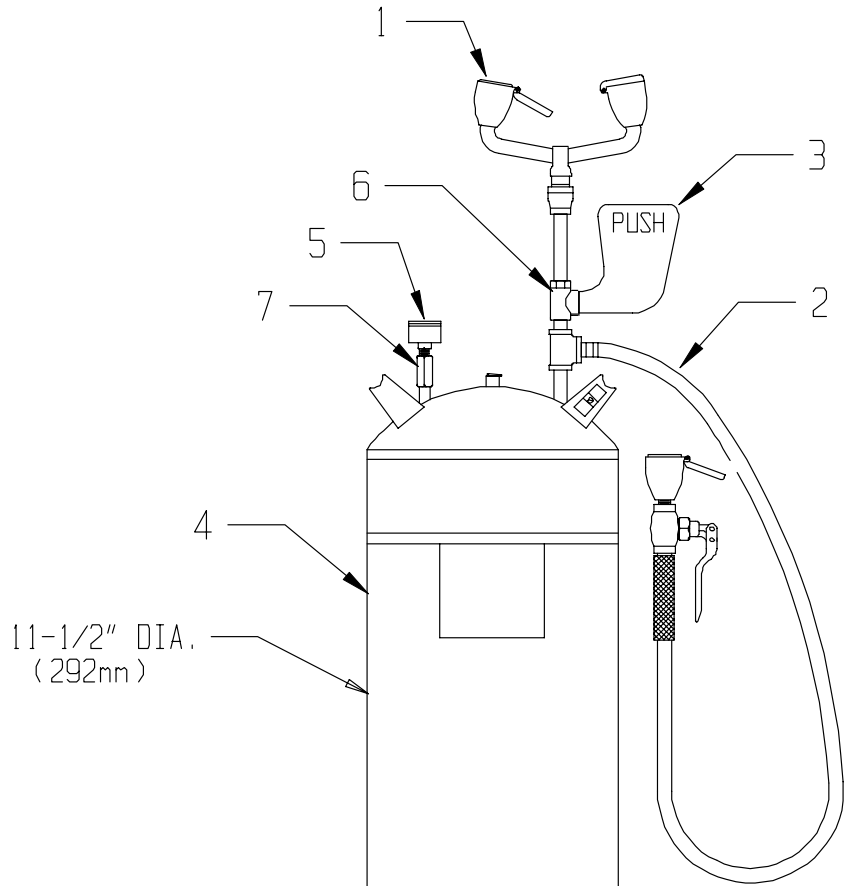
**TESTING PROGRAM**

The American National Standards Institute (ANSI) states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. Speakman Company furnishes a testing record tag (91-0635) with each unit. On this tag the date of inspection and the inspectors initials should be noted.

**MAINTENANCE**

The valve and the eyewash are the only portions of the unit that may require maintenance. Should you need parts to repair this unit, please reference the parts listing below for correct part numbers. Before any maintenance is done *be sure to shut the water supply off.*

**WARNING:** Use only genuine Speakman parts when repairing or replacing components. To order parts call 1-800-537-2107.



**SE-590 REPLACEMENT/REPAIR PARTS**

<b>ITEM</b>	<b>PART/GROUP #</b>	<b>DESCRIPTION</b>
1	G05-0735	Low Flow Bullhorn Assy.
2	RPG20-1978	Non-Aerated Drench Hose Assy.
3	04-0832	Paddle Handle
4	05-1670-MO	Tank- 10 Gal S/S
5	05-1671-MO	Pressure Gauge
6	20-0756-RCP	3/8" Apollo Ball Valve
7	24-0268-RCP	Air Inlet Tee

**FLOW DATA**

EYEWASH:

FLOW RATE GPM (LPM)	.4 (1.5) For 15 minutes.
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HAND-HELD SPRAY

FLOW RATE GPM (LPM)	1.5 (5.6) For 5 minutes.
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Note: All units meet existing ANSI Z358.1 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.

**SPEAKMAN®**

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 Visit us on the web at [www.speakmancompany.com](http://www.speakmancompany.com)