

# **SPEAKMAN COMPANY**

## **SE-490 Installation, Maintenance & Operation Instructions**

### **EYESAVER® EYE/FACE WASH**

#### **DESCRIPTION**

Emergency eye/face wash, for wall mounting. supplied with stainless steel bowl, stay-open full flow ball valve; activated by stainless steel push handle; heavy duty wall mounting plate, twin spray heads with individual flow restrictors and flip-off dust covers.

#### **SPECIFICATIONS**

BOWL: 300 Series Stainless Steel.  
SPRAY HEADS: (2) Yellow ABS Plastic Spray Outlet, Sprayface, and Dust Cover.  
VALVE: 1/2" NPT Female Brass, Chrome-Plated.  
ACTIVATOR: Stainless Steel Push Handle.  
INLET: 1/2" NPT Female.  
PLATE: Cold-Rolled Steel Painted Safety Green.  
SHIPPING WEIGHT: 10.4 lbs.  
EMERGENCY SIGN: 7-7/8" x 7-7/8" Plastic Wall Sign.

#### **OPTIONS**

◇ AL1 (Air Horn Alarm)	◇ HS (Hand-held Spray)
◇ AL2 (Electrical Alarm)	◇ HFO (Hand & Foot Operation)
◇ AL3 (Electrical Alarm)	◇ PT (1-1/4" P-Trap)
◇ AL2-C1D2 (Electrical Alarm / Haz. Area)	◇ SSBV2 (1/2" Stainless Steel Valve)
◇ AL3-C1D2 (Electrical Alarm / Haz. Area)	◇ FPV (Anti-Freeze Protection Valve)
◇ FLW (Flow Switch)	◇ SGN4 (Eye Wash Floor Sign)
◇ VPL (Vapor Proof Light)	◇ SPV (Anti-Scald Protection Valve)

#### **INSTALLATION**

Review drawing (as shown on other side) to assure proper installation. The unit should be mounted to a structural member that will ensure structural rigidity. Use appropriate wall anchors and be sure the wall bracket is level to ensure proper flow pattern, and to avoid unnecessary water spillage. Connect a water supply to the unit (use pipe sealant on all joints) that is a 1/2" minimum uninterrupted source of potable water. Failure to use potable water can result in emergency units producing impure or contaminated water causing possible further injury. The drain tailpiece or waste should be connected to an adequate drain in compliance with local plumbing codes.

#### **OPERATION**

The eye/face wash is activated by pushing the push handle back 90°. The unit will continue to discharge water until the push handle is manually pulled back to the off position.

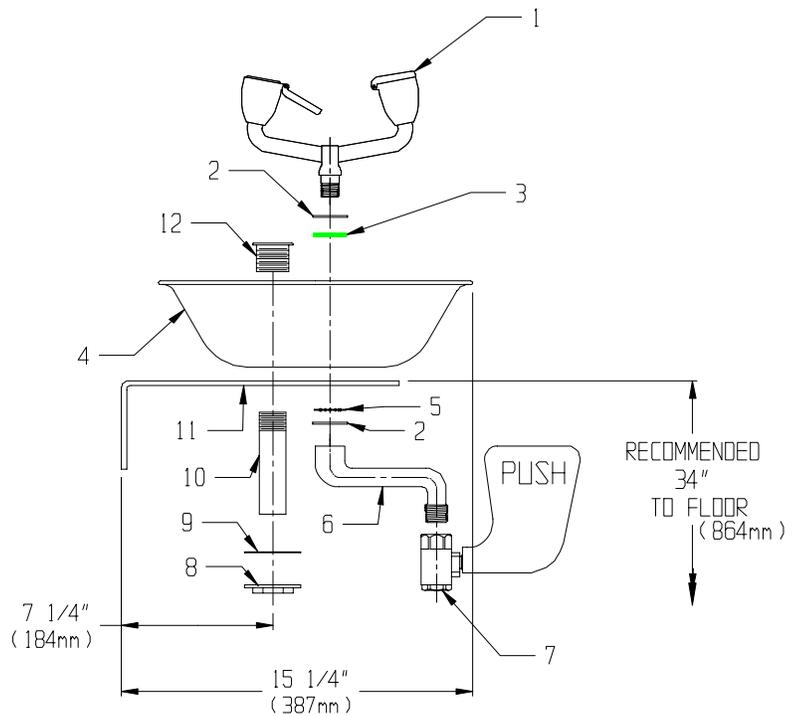
#### **TESTING PROGRAM**

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**

Should you need parts to repair this unit, please reference the parts list below for correct part numbers. Reference additional technical sheet (supplied) for information on the SE-910 ball valve. 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-490 REPLACEMENT/REPAIR PARTS**

<b><u>ITEM</u></b>	<b><u>PART/GROUP #</u></b>	<b><u>DESCRIPTION</u></b>
1	G05-0715	Bullhorn & Sprayhead Assy.
2	45-0693	(2) 1-7/16" x 7/8" x 1/8" Brass Washer
3	45-0412	Black Rubber Washer
4	68-0035-MO-P	S/S Bowl
5	45-0690	Internal Tooth Lock Washer
6	31-0491-RCP	Supply Pipe
7	SE-910	1/2" Stay-Open Ball Valve
8	01-0791-RCP	Locknut
9	45-0615	Washer for Drain
10	43-0642	Drain Tube
11	56-0143-PNT	Wall Bracket
12	05-2034	Drain

**FLOW DATA**

EYE/FACE WASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	3.82 (15)

NOTE: This unit should be connected to an uninterrupted source of potable water, with a minimum flowing pressure of 30 PSI and a maximum static pressure of 125 PSI.

Note: All units meet existing ANSI Z358.1 2004 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.

**SPEAKMAN®**

PO Box 191 Wilmington, DE 19899

Phone: 800-537-2107 Fax: 800-977-2747

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