

# **SPEAKMAN COMPANY**

## **SE-535 Installation, Maintenance & Operation Instructions**

### **EYESAVER® EYEWASH**

#### **DESCRIPTION**

Pedestal mounted emergency eyewash. Supplied with stainless steel bowl, stay-open full flow ball valve; activated by stainless steel trigger bar; adjustable volume regulator, aerated spray outlets with individual adjustments for maximum performance, and a drench hose activated by a squeeze handle with aerated spray nozzle. All mounted on galvanized steel pipe with drain tee and floor flange.

#### **SPECIFICATIONS**

BOWL: 300 Series Stainless Steel.

SPRAY HEADS: (2) Brass, Chrome-Plated, Aerated.

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

ACTIVATOR: Stainless Steel Trigger Bar.

INLET: 1/2" NPT Female.

PIPE: 1-1/4" IPS Galvanized Steel.

FLOOR FLANGE: Brass Casting with (3) 17/32" Dia. Mounting Holes on 9" Dia. Bolt Circle, Spaced 120° Apart.

WASTE: 1-1/4" NPT Female.

FINISH: Safety Green.

DRENCH HOSE:

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

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

SHIPPING WEIGHT: 27 lb.

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

#### **OPTIONS**

◇ AL1 (Air Horn Alarm)	◇ ILS (In-Line Strainer)
◇ AL2 (Electrical Alarm)	◇ SGN4 (Eye Wash Floor Sign)
◇ AL3 (Electrical Alarm)	◇ FPV (Anti-Freeze Protection Valve)
◇ AL2-C1D2 (Electrical Alarm / Haz. Area)	◇ SPV (Anti-Scald Protection Valve)
◇ AL3-C1D2 (Electrical Alarm / Haz. Area)	◇ SSBV2 (1/2" Stainless Steel Valve)
◇ FLW (Flow Switch)	◇ VPL (Vapor Proof Light)

#### **INSTALLATION**

Review drawing (as shown on other side) to assure proper location of inlet and drain. Mount stanchion to floor using suitable anchors. Rest the eyewash bowl on the rubber washer and drain spud, making sure to get the bowl as level as possible, to ensure a proper flow pattern and to avoid unnecessary water spillage. Once bowl is positioned correctly on spud, apply plumbers putty to drain strainer and tighten with hex tool (supplied). Connect SE-920 drench hose to 1/2" tee as shown on other side. 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. This unit is supplied with a volume control that can control the amount of water delivered, even at higher pressures. This should be set after unit is completely installed so that streams from spray outlets converge in the middle of the eyewash bowl.

#### **OPERATION**

The *eyewash* is activated by pushing the trigger bar back 90°. Once the unit is activated, water will discharge from the spray outlets until the trigger bar 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. Reference additional technical sheets (supplied) for information on the SE-920 drench hose assembly and SE-505 eyewash. 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-535 REPLACEMENT/REPAIR PARTS**

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	SE-505	Eyewash
2	G74-0018-PNT	Stanchion Assy.
3	SE-920	Drench Hose Assy.

**FLOW DATA**

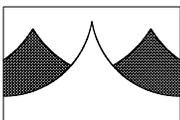
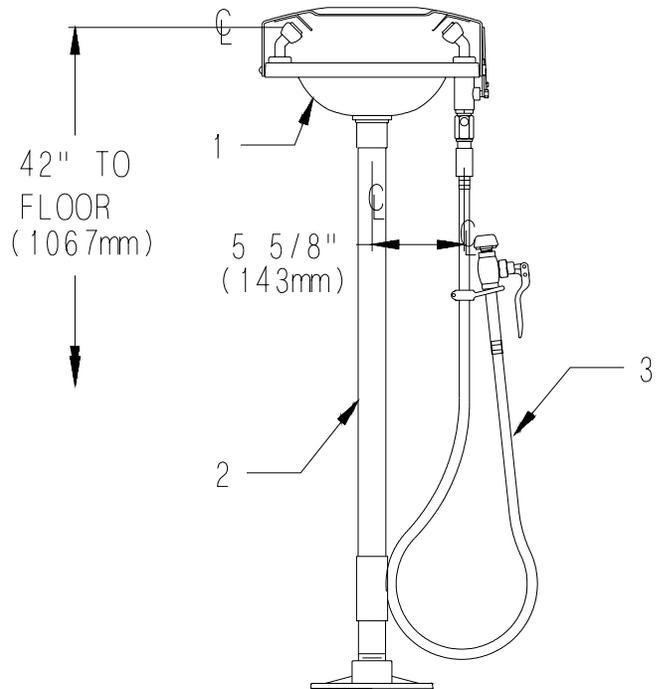
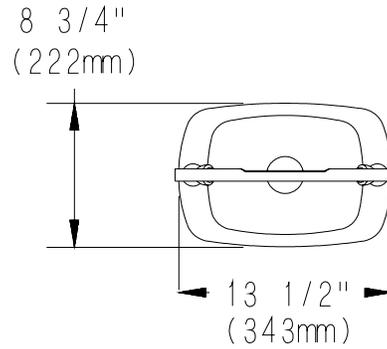
EYEWASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	3 (11)

DRENCH HOSE:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	1.6 (6)

NOTE: This unit should be connected to an uninterrupted source of potable water, with a minimum flowing pressure of 20 PSI and a maximum static pressure of 125 PSI.



**SPEAKMAN COMPANY**  
 The Quality leader Since 1869  
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 1-800-537-2107, Fax: 1-800-977-2747

Note: All units meet existing ANSI Z358.1 1998 Standards and OSHA Rules. Product improvements may cause specification and dimensional changes without notice.