

# **SPEAKMAN COMPANY**

## **SE-421 Installation, Maintenance & Operation Instructions**

### **EYESAVER® EYE/FACE WASH**

#### **DESCRIPTION**

Pedestal mounted emergency eye/face wash. Supplied with yellow plastic bowl, stay-open full flow ball valve; activated by stainless steel push handle in-line strainer, and galvanized steel pipe with drain tee and floor flange. Spray pattern is a 9" x 8" (72 sq. in.) curtain of aerated water, easily controlled at any pressure for maximum protection.

#### **SPECIFICATIONS**

BOWL: Acrylic/PVC Thermoplastic.  
 SPRAY HEADS: (6) Brass, Chrome-Plated, Aerated.  
 VALVE: 1/2" NPT Female Brass, Chrome-Plated.  
 ACTIVATOR: Stainless Steel Push Handle.  
 SHROUDS: Yellow Polypropylene.  
 INLET: 1/2" NPT Female.  
 STRAINER: Brass, Chrome-Plated, In-Line.  
 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 Powder Coating.  
 SHIPPING WEIGHT: 25 lb.  
 EMERGENCY SIGN: 7-7/8" x 7-7/8" Plastic Wall Sign.

#### **OPTIONS**

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

#### **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 eye/face wash bowl on the rubber washer and drain spud making sure to get the bowl level as possible, to insure 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 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 operate 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.

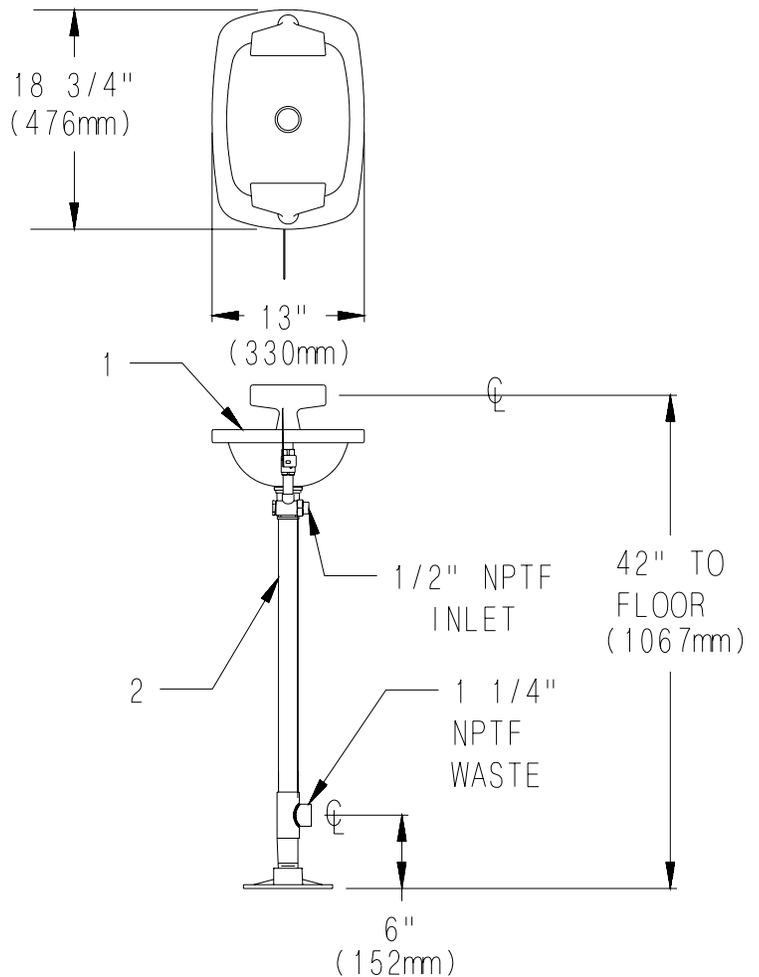
**MAINTENANCE**

Should you need parts to repair this unit, please reference the parts listing below for correct part numbers. Reference additional technical sheet (supplied) for information on the SE-401 eye/face wash. 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-421 REPLACEMENT/REPAIR PARTS**

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	SE-401	Eye/Face Wash
2	G74-0018-PNT	Stanchion Assy.



**FLOW DATA**

EYE/FACE WASH:

FLOW PRESSURE PSI (BAR)	30 (2.07)
FLOW RATE GPM (LPM)	9.55 (16.6)

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.

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

**SPEAKMAN<sup>®</sup>**  
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