

SPEAKMAN COMPANY

SE-431 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 a drench hose activated by squeeze handle with aerated spray nozzle. All mounted on 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.

DRENCH HOSE:

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

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

SHIPPING WEIGHT: 25 lb.

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

OPTIONS

◇ AL1 (Air Horn Alarm)	◇ AL3-C1D2 (Electrical Alarm / Haz. Area)	◇ SSBV2 (1/2" Stainless Steel Valve)
◇ AL2 (Electrical Alarm)	◇ FLW (Flow Switch)	◇ SGN4 (Eye Wash Floor Sign)
◇ AL3 (Electrical Alarm)	◇ FPV (Anti-Freeze Protection Valve)	◇ SPV (Anti-Scald Protection Valve)
◇ AL2-C1D2 (Electrical Alarm / Haz. Area)	◇ 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 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 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. Once water supply is connected to unit the spray pattern can be manually adjusted by using a flat head screw driver to rotate the adjusting screw, located in the front of each shroud assembly, while the unit is activated and water is flowing.

OPERATION

The *eye/face wash* is activated by pushing the push handle back 90°. The unit will continue to operate 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.

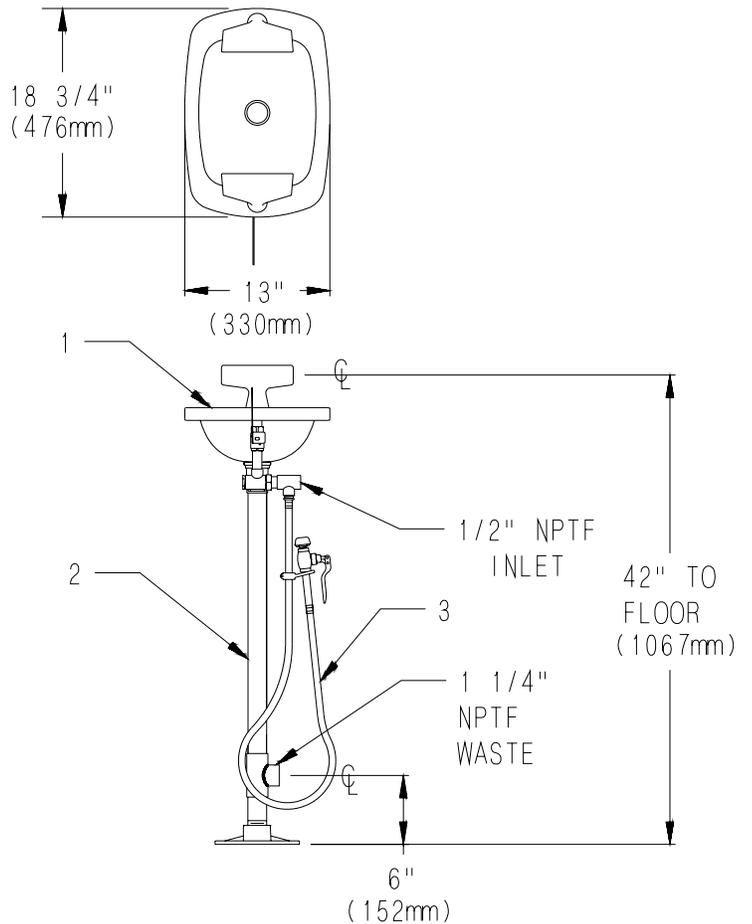
MAINTENANCE

Should you need parts to repair this unit, please reference the parts list below for correct part numbers. Reference additional technical sheets (supplied) for information on the SE-401 eye/face wash and SE-920 drench hose assembly. 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-431 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.
3	SE-920	Drench Hose Assy.



FLOW DATA

EYE/FACE WASH:

FLOW PRESSURE PSI (BAR)	20 (1.38)
FLOW RATE GPM (LPM)	12 (46)

DRENCH HOSE:

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

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

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®

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