

# **SPEAKMAN COMPANY**

## **SE-441 Installation, Maintenance & Operation Instructions**

### **EYESAVER® EYE/FACE WASH**

#### **DESCRIPTION**

Pedestal mounted emergency eye/face wash. supplied with yellow plastic bowl, frost-proof hydrant activated by panic handle, 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. (Standard valve bury depth is 42")

#### **SPECIFICATIONS**

BOWL: Acrylic/PVC Thermoplastic.

SPRAY HEADS: (6) Brass, Chrome-Plated, Aerated.

FROST-PROOF VALVE: 1" NPT Female Brass.

ACTIVATOR: 3/4" Dia. Brass, Casted Handle.

SHROUDS: Yellow Polypropylene.

INLET: 1" 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 Powder Coating

SHIPPING WEIGHT: 68 lb.

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

*NOTE: Bury depth can vary upon request.*

#### **OPTIONS**

◇ AL2 (Electrical Alarm)	◇ FLW (Flow Switch)
◇ AL3 (Electrical Alarm)	◇ SGN4 (Eye Wash Floor Sign)
◇ AL2-C1D2 (Electrical Alarm / Haz. Area)	◇ VPL (Vapor Proof Light)
◇ AL3-C1D2 (Electrical Alarm / Haz. Area)	◇

#### **INSTALLATION**

Review drawing (as shown on other side) to assure proper installation and assembly of emergency eye/face wash and frost-proof hydrant. The hydrant is designed to be buried and connected to a under ground supply, that has a 1" 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. *Be sure that the hydrant is as plumb as possible, and that a minimum of (3) cubic feet of crushed stone is around the supply to allow proper drainage of hydrant.* Mount the stanchion to an adequate base 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. This will insure a proper flow pattern, and avoid any unnecessary water spillage. Use thread sealant on all piping connections. Assemble hydrant to the eye/face wash (3/4" union), using pipe dope on this connection. 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**

This unit is operated by pushing or pulling the panic handle 90° to the horizontal position. Once activated the water will continue to discharge until the handle is manually put back in the vertical off position.

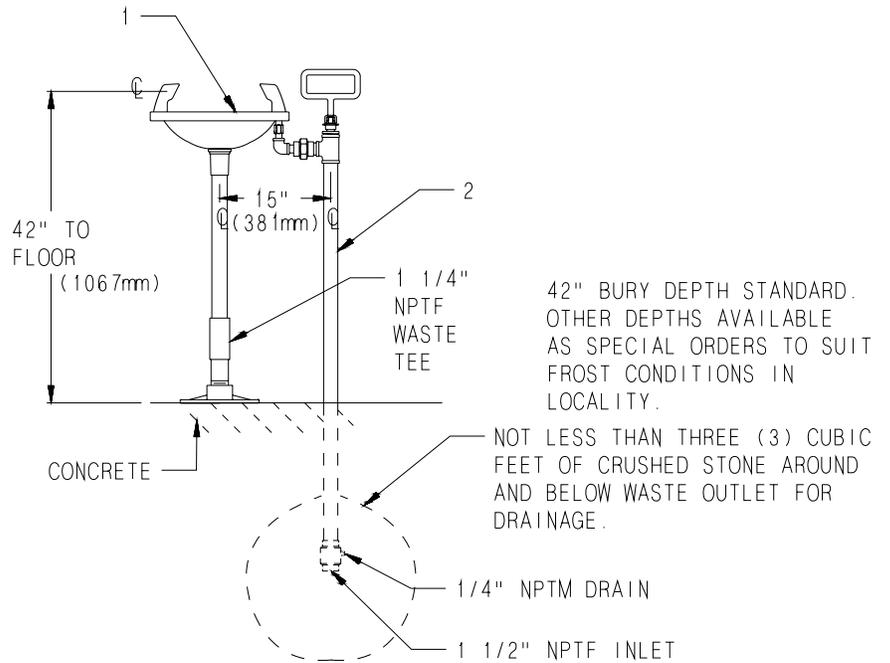
#### **TESTING PROGRAM**

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-441 REPLACEMENT/REPAIR PARTS**

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	SE-401	Eye/Face Wash
2	G20-1723	Frost-Proof Hydrant

**FLOW DATA**

EYE/FACE WASH:

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 80 PSI.

**SPEAKMAN®**

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