

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.

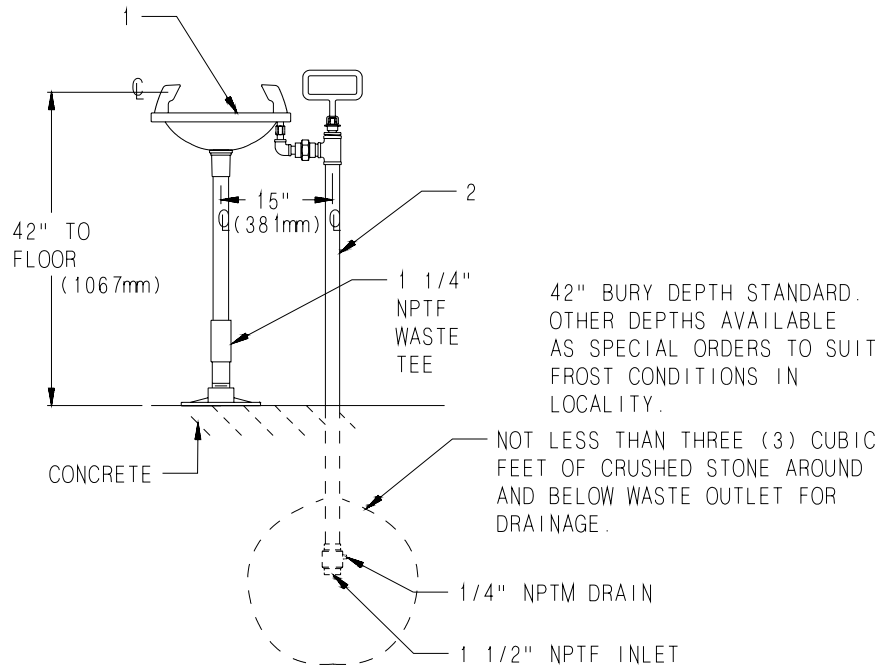
TESTING PROGRAM

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®

PO Box 191 Wilmington, DE 19899 Phone: 800-537-2107 Fax: 800-977-2747
Visit us on the web at www.speakmancompany.com