

Sellstrom S90320 Gravit-Eye® 16 Gallon Eyewash Station

Installation, Operation & Maintenance Manual

Instruction: INST-EW

Effective: 1/2016

Expires: 1/2026

Replaces: 6/2012

The Sellstrom® S90320 Gravit-Eye® Eyewash Station can be used in areas where any person may be exposed to injurious or corrosive materials and a continuous supply of water is not available. The Sellstrom® S90320 Gravit-Eye® Eyewash Station is ideal in remote and low traffic areas where protective measures are still needed. Emergency eyewash stations shall be in unobstructed and accessible locations that require no more than 10 seconds for the injured person to reach. (see ANSI Z358.1-2014 appendix B5) Conforms to ANSI Z358.1-2014 and provides over 15 minutes of continuous flow.



Made in the U.S.A.

WARNING!

Under Penalty of Law:

These instructions are not to be removed except by the user of this equipment. Current instructions must always be available to any potential user. Note: Because of continuous developments in the application and use of Sellstrom equipment and our desire to serve your best interests, these instructions are invalid 10 years after the effective date on these instructions. If you purchase a product, and these instructions are out of date, call Sellstrom Customer Service and request current instructions. Dial toll free (800) 323-7402 (U.S. and Canada) or (847) 358-2000.

If you have difficulty or experience any problem with Sellstrom equipment or the instructions, call the above toll-free number or (847) 358-2000 immediately and ask the Customer Service department for assistance.

sellstrom®

Product that works.

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1.0 Approved Application

The Gravit-Eye® should only be used as an emergency eyewash station. Instructions must be followed and water purity must be maintained as directed.

2.0 Installation

- 2.1 The station shall be positioned with the flushing fluid nozzles not less than 33-inches (838mm) and no greater than 45-inches (1143mm) above the surface on which the user stands. It shall also be positioned so that the sides are a minimum 6-inches from the wall or nearest obstruction. Install unit so spent eyewash fluid transfers to an appropriate collection container or to a drain. Do not let spent eyewash fluid drain to the floor or to the surrounding areas of the tank due to dangers of slipping or electrical shock.
 - 2.2 If set on a flat surface, such as a table, cart, or shelf, the surface should be of adequate strength to support 155 pounds, filled weight, with a 2 to 1 safety factor minimum. Carts, tables, or shelves used should therefore have a minimum static load rating of 310 pounds. Carts with casters should be locked into place (minimum of 2 locking casters).
 - 2.3 Eyewash units may be wall mounted using the “J” bracket enclosed in the accessory kit with each eye wash station. Hardware selected to mount the bracket should be chosen based on the wall construction that the unit is mounted on. Bracket must be mounted into a wall with sufficient strength to support the filled weight of the unit with appropriate safety factor as noted above.
 - 2.4 Do not mount into dry wall without a wood stud to support the weight.
 - 2.5 Where the possibility of freezing exists, equipment should be protected from freezing. The unit should deliver tepid flushing fluid with a minimum temperature of 60 degrees F, to a maximum temperature of 100 degrees F. In circumstances where chemical reaction is accelerated by flushing fluid temperature, a facilities safety / health advisor should be consulted for the optimum temperature for each application. See ANSI Z358.1-2014 Appendix B6.
 - 2.6 After installation and filling, eyewash station should be activated for about 5 seconds to visually verify flow.
 - 2.7 It is the installer’s responsibility to ensure the eyewash is located in an area identified with a highly visible sign positioned so the sign shall be visible within the area served by the eyewash. The area around the eyewash shall be well lit.
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3.0 Operation

- 3.1 Before initial use, clean and rinse station. It is recommended the eyewash be filled and flushed using hot water, 140F (60C) or hotter.
 - 3.2 Every time the unit is filled, it should first be cleaned and rinsed.
 - 3.3 Partially fill station with potable water.
 - 3.4 Add one, eight ounce bottle of bacteriostatic additive to prevent bacteria growth in the tank.
 - 3.5 Continue to fill tank to 1/8-inch below overflow point.
 - 3.6 Install cap to the top of the station. Do not over tighten.
 - 3.7 It is recommended the eyewash be cleaned as directed, and the water be replaced at a minimum of every six months
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4.0 Warnings

- 4.1 Read all follow all instructions for this eyewash station. Failure to do so may result in serious eye damage and vision loss.
 - 4.2 Clean tank every six months. Fill and flush using hot water, 140F (60C) or hotter, after cleaning.
 - 4.3 A new bottle of bacteriostatic additive must be added every time the eyewash tank is refilled.
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5.0 Inspection

It is recommended the eyewash be inspected weekly for inadequate water level. Inspections which give evidence of any particulates or discoloration suggest the water be replaced immediately.