

# FlashFlood with *eyesaline*

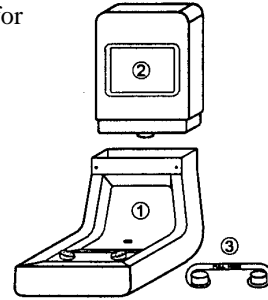
Serial # \_\_\_\_\_

## Installation and Operation Manual

### 1 Preparing for Installation

The FlashFlood is delivered in one (1) box. Upon receipt, check the shipping box for any damage. The following items are contained in the box:

- **FlashFlood Molded Plastic Body and Funnel with Perforator**
- **FlashFlood Cartridge** (product #401)
- **Pull Strap** (product #403)
- **Mounting Screws** (not pictured)
- **Installation & Operation Manual with Mounting Template** (not pictured)
- **Material Safety Data Sheet** (not pictured)



### 2 Installing the FlashFlood

The FlashFlood is classified as a secondary (personal) eyewash and is designed to be placed in the immediate vicinity of a hazard, and in an easily accessible location.

The FlashFlood must be level for operation. Mounting must be secure and capable of supporting the weight of the unit (14 lbs. - 6.4 kg) plus the weight of an individual leaning on the unit under the stressful condition of eye contamination.

A template is provided with the unit to assist you in mounting the FlashFlood.

1. The edges of the template indicate required clearances.
2. The unit is designed to mount on a flat vertical wall by means of the two (2) screws provided. The surface should be flat and clear of all obstructions within the minimum clearances.
3. Tape the template to the wall at the selected location, making sure the line between the mounting screw centers is level.
4. Drill pilot holes for mounting screws using 9/64" drill going through the template and into the wall 1 1/2" deep. Remove the template from the wall.
5. Remove the funnel with the perforator from the top of the FlashFlood body and set aside.
6. Insert screws through the two holes in the back surface of the unit.
7. Hold the unit in place on the wall. Insert a screwdriver through the holes on the front of the unit to reach the screw head and tighten the screws into pilot holes. CAUTION: tighten until snug only. Over tightening may split the body of the unit.
8. Replace the funnel with perforator into the top of the unit.
9. Ensure both sides are square on screws and the unit is level.
10. Place the pull strap over the nozzles and ensure that it is properly seated.
11. Remove the plastic cap from the FlashFlood cartridge, leaving the foil covering intact.
12. Invert the bottle and place securely into the funnel. The perforator will pierce the foil covering and allow the solution to flow into the unit. Note: The solution in the cartridge will drop approximately one (1) inch from the top of the bottle.

### 3 Operating Instructions

Employees must be instructed in the use of Emergency Eyewash stations. Studies have shown that obtaining emergency flushing within the first 10 seconds in eye emergencies is critical in minimizing eye damage. It is highly recommended that practice drills be run in each department where eye hazards exist. These practice emergency drills should be scheduled on a regular basis to keep both current and new employees aware of the location of all eyewash devices, as well as to reinforce the importance of obtaining immediate flushing in emergencies.

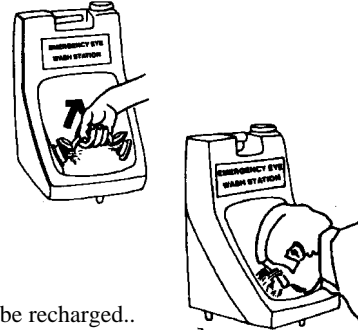
In severe contamination the eyes may involuntarily clamp shut, and the individual may be in a state of shock. Therefore, the person may need assistance from fellow workers in getting to and using the station.

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When the injured person reaches the station, the individual or the person(s) assisting him should:

1. Start the fluid flow by grasping the pull strap and pulling the strap upward.
2. When the solution is flowing, the injured person lowers his head into the solution flow. Using the thumb and forefingers of each hand, the injured person should fully open both eyelids and flush eyes thoroughly until flow stops.
3. If assistance is available, empty cartridges can be replaced with a fully charged cartridge (part #401) to extend the flushing time.
4. A 15 minute flush is recommended by ANSI Z358.1-1998. Have victim proceed to a primary unit after the initial flush with a FlashFlood.
5. **After flushing seek medical attention immediately.**
6. Safety personnel and supervision should be notified that the unit has been used and must be recharged..



**WARNING: This emergency eyewash unit is intended for the emergency first aid of victims of fluid chemical or small soft particle material eye contamination until medical treatment is obtained. In all cases, the victim should seek medical attention immediately after flushing. When transporting the victim to professional medical care, the eyes should continue to be irrigated with a buffered, physiologically correct solution.**

**IMPORTANT:**

1. *The sooner the injured person can flush his eyes, the less likelihood there will be of eye damage. Seconds can make the difference in preventing serious eye injury or blindness.*
2. *All employees should be reminded that this unit is for emergency use only; tampering with the unit or using it for non-emergency purposes, may cause the unit to be empty when needed.*

## 4 Inspection & Maintenance

An individual or department should be assigned the task of checking all self-contained eyewash units on a weekly schedule to insure adequate levels of flushing solution, as recommended by ANSI Standards. Records of these weekly inspections should be kept with the unit.

Since research studies have proven that bacteria levels tend to increase in uncirculated water, it is imperative that the flushing solution in eyewash stations be properly maintained as bacteria can cause serious secondary damage to already injured eyes. Although the use of *Eyesaline* or other additives will inhibit bacterial growth, NO preservatives can safely prevent build up over an extended period of time. All eyewash devices containing *Eyesaline* should be cleaned and refilled at least once every six months. Failure to replace the flushing solution within the recommended time frame can result in contamination of the flushing solution.

Note: The Eyesaline solution contains salt. There may be a white residue when the solution has dried on the FlashFlood surfaces. The white residue can be removed with a damp cloth.

**To replace the solution in the FlashFlood:**

1. Drain the FlashFlood of any remaining flushing fluid by pulling the rubber strap from the nozzles and allowing the unit to empty.
2. Remove spent cartridge.
3. Replace the pull strap over the nozzles, and ensure that it is properly seated.
4. Remove the plastic cap from the new FlashFlood cartridge, leaving the foil covering intact.
5. Invert the bottle and place into the funnel. The perforator will pierce the foil covering and allow the solution to flow into the unit. Note: The solution in the cartridge will drop approximately one (1) inch from the top of the bottle.

## 5 Parts & Accessories

Product #	Description
401	FlashFlood Replacement Cartridge
402	Wire Storage Rack for Replacement Cartridges
403	Pull Strap for FlashFlood