

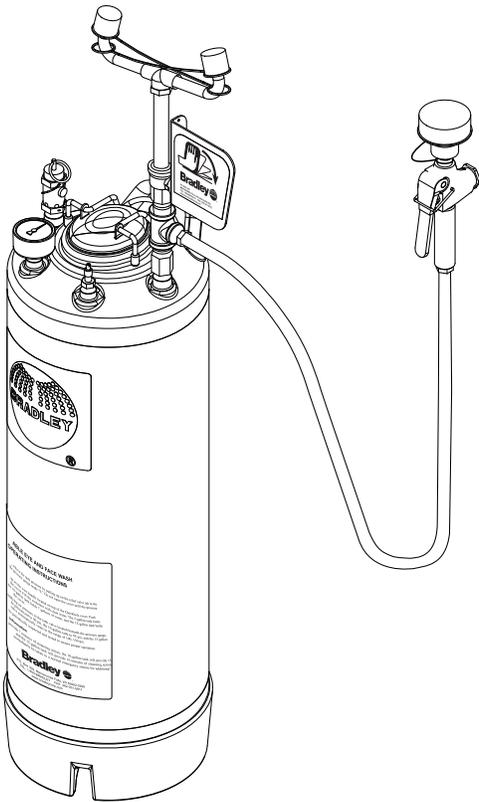
Installation

S19-680

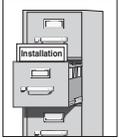
5-Gallon Tank (ASME rated) with
Eyewash and Hose Spray

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⚠ IMPORTANT ⚠



Read this installation manual completely to ensure proper installation, then file it with the owner or maintenance department. Compliance and conformity to drain requirements and other local codes and ordinances is the responsibility of the installer.



Separate parts from packaging and make sure all parts are accounted for before discarding any packaging material. If any parts are missing, do not begin installation until you obtain the missing parts.



Flush the water supply lines before beginning installation and after installation is complete. Test the unit for leaks and adequate water flow.



The inspection and testing results of this equipment should be recorded weekly to verify proper operation. This equipment should be inspected annually to ensure compliance with ANSI Z358.1.



Workers who may come in contact with potentially hazardous materials should be trained regarding the placement and proper operation of emergency equipment per ANSI Z358.1.



For questions regarding the operation or installation of this product, visit www.bradleycorp.com or call 1-800-BRADLEY.

Product warranties and service parts information may also be found under "Products" on our web site at www.bradleycorp.com.

Supplies Required:

- Pipe sealant
- Clean air pressure equipment or supply capable of up to 100 psi
- Sign-mounting hardware

Installation

Step 1: Assemble eyewash and hose spray

1. Remove the plastic dust plug from the bottom of the yoke assembly and discard. Attach the eyewash yoke assembly to the tank. Max. torque 150 in-lbs.
2. Connect the hose spray to the hose with pipe sealant. Do not attach the body wash sprayhead (Item 8.3) at this time.
3. Remove the plug from the eyewash yoke base and discard. Connect the hose with pipe sealant.
4. Attach the pressure gauge to the adapter on the pressure side of the tank with pipe sealant (supplied by installer) as shown on page 6.

Step 2: Fill tank and pressurize

1. If the tank is pressurized, relieve tank pressure by pulling up on relief tank tab in center of cover until pressure gauge reads "0."

⚠ IMPORTANT: DO NOT open cover until pressure gauge reads "0"!

2. Open the tank by pulling up on the wire handle located on top of the Quicklock cover. Push down, rotate and remove. Fill the container with 4 gallons of potable water. Replace the cover.
3. After filling the tank with water and before pressurizing the unit, cycle the valve from the closed to open and back to closed. Pressurize the tank to 90 PSI by applying air pressure to the tank valve.

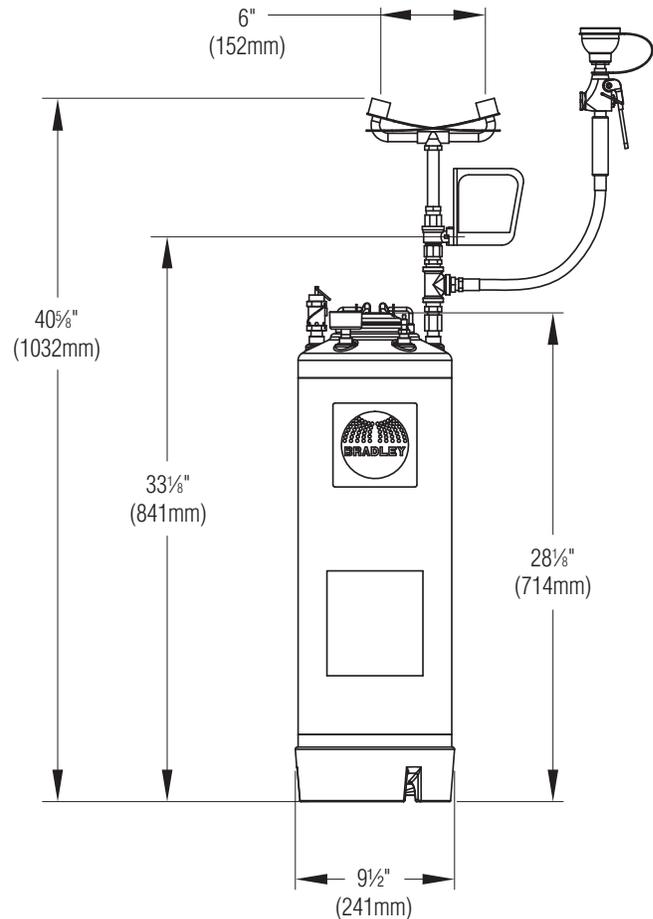
NOTE: Relief valve is designed to automatically vent at 100-130 PSI to prevent the tank from overpressurizing.

Step 3: Flush tank

1. Discharge the water through the eyewash and hose spray for at least five minutes to flush the system.
2. Attach the body wash sprayhead.
3. Refill the tank and pressurize as explained in Step 2 outlined above.

NOTE: Let unit stand for one hour. If there is a noticeable pressure drop, repressurize and let stand for one hour. If problems persist, consult the Troubleshooting guide found on page 4.

NOTE: This unit will provide 8 minutes of cleansing action. Take the injured person immediately to a normal emergency station for additional cleansing and treatment.



Maintenance

⚠ WARNING: Water preservatives protect potable water from bacteria, fungi and algae growth for up to four months. If a water preservative is not used with this eyewash, it is recommended that the tank be cleaned weekly or as often as needed. Infection, loss of vision or other serious injury may result from misuse of this eyewash. DO NOT use expired, cloudy, colored or contaminated solution. DO NOT open preservative bottle if safety seal is broken. DO NOT save unused solution.

Step 1: Inspect eyewash unit

1. Visually inspect the pressure gauge weekly to ensure the unit is maintaining the proper pressure. If the unit is not working properly, remove it from the hazard area immediately and refer to the troubleshooting instructions. For further assistance, contact the Bradley Corporation.

Step 2: Clean eyewash unit

When using potable water *only*:

1. Empty the tank any time from once per week to once per month, depending on the quality of your water supply. The manufacturer is not responsible for variations in the water supply.
2. Clean the inside of the tank using warm water and mild soap. Rinse the tank thoroughly with warm water.
3. Refill the eyewash tank following the procedure outlined in Step 2 found on page 3.

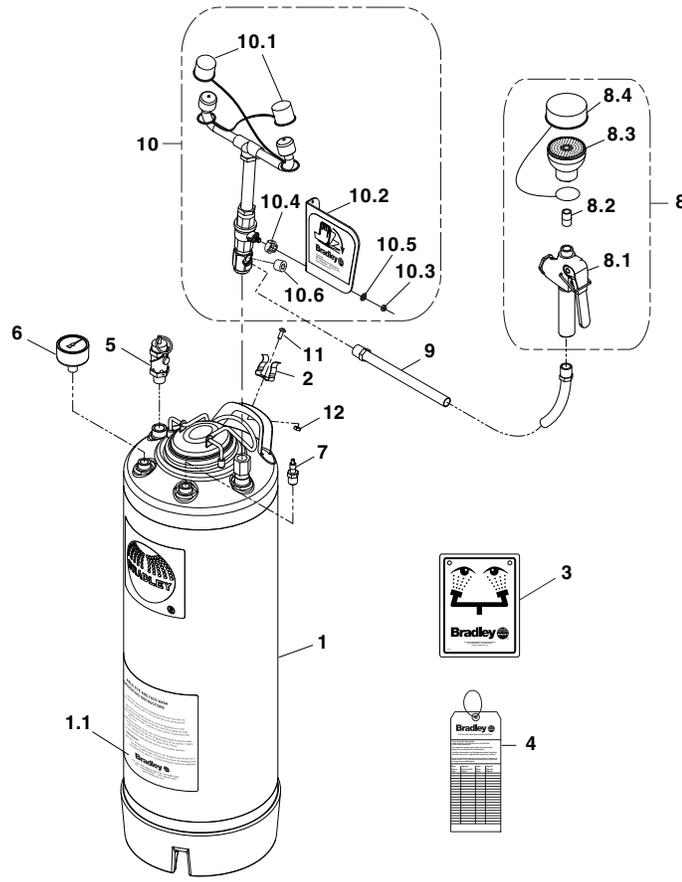
When using potable water and water preservative (recommended):

1. Empty the tank at least once every 120 days.
 2. Clean the inside of the tank using warm water and mild soap. Rinse the tank thoroughly with warm water.
 3. Refill the eyewash tank with potable water and the contents of an 8-ounce bottle of water preservative (refer to the procedure outlined in Step 2 found on page 3).
- To order potable water preservative, contact your Bradley representative or local distributor and ask for part number S19-865.

Troubleshooting

1. If pressure relief valve relieves prior to the required pressure, do the following (when in the unpressurized condition):
 - Tighten the valve completely into the tank by turning the gray hex head portion of the pressure relief valve clockwise.
 - Pull up on the relief valve ring and ensure that the ring is not preventing the valve from closing completely. Push on the center pin of the relief valve to ensure that it is completely closed. Repressurize tank to required pressure. This may have to be done several times to get the valve to seat completely.
2. If the pressurized tank loses pressure over time, check the connections with diluted liquid dish soap or children's bubbles to identify the leak location. Tighten the connection slightly and test again.

Assembly of Components and Parts List



Item	Part No.	Qty.	Description	Item	Part No.	Qty.	Description
1	S39-788	1	Tank, 5-Gallon	8.3	S05-158	1	Body Wash Sprayhead
1.1	204-641	1	Operating Instr. Label, English	8.4	S53-063	1	Dust Cover
	204-641FC	1	Operating Instr. Label, French	9	S89-002	1	3/8" Yellow Tube
	204-641M	1	Operating Instr. Label, Spanish	10	S05-184	1	Eyewash Valve Assembly
2	146-031	1	Clip	10.1	107-371	2	Tethered Dust Cover
3	114-051	1	Safety Sign	10.2	S08-336	1	Handle/Label Assembly
4	204-421	1	Emergency Tag	10.3	110-215	1	Nut
5	169-892	1	Pressure Relief Valve	10.4	153-372R	1	Adapter
6	169-786	1	Pressure Gauge	10.5	142-002DA	1	Lockwasher
7	S27-161	1	Tank Valve Assembly	10.6	169-043	1	Plug (do not save)
8	S19-787	1	Hose Spray	11	160-138	1	Button Head Screw #10-24 x 1/2"
8.1	S27-265	1	Valve, Hose Spray	12	161-025	1	Hex Nut #10-24
8.2	113-544A	1	Close Nipple, Plated				