

# EMERGENCY FIXTURES



Drench Showers

Eye and Eye/Face Washes

Combination Drench

Shower Eye and Eye/Face Washes

Faucet/Eyewash

Enclosed Safety Showers

Tankless Tempering Systems

Navigator Skid Systems

Emergency Signaling Systems

Drench Hoses

Laboratory Fixtures

Emergency Thermostatic Mixing Valves

Portable Eyewashes

Safety Industrial Solutions. Brought to Life.







Bradley



## WHAT'S NEW!

Halo Swing Activated  
Faucet/Eyewash (P 69)

Navigator Valve for Emergency  
Eyewash and Faucet (P 53)



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### FAST SHIPPING

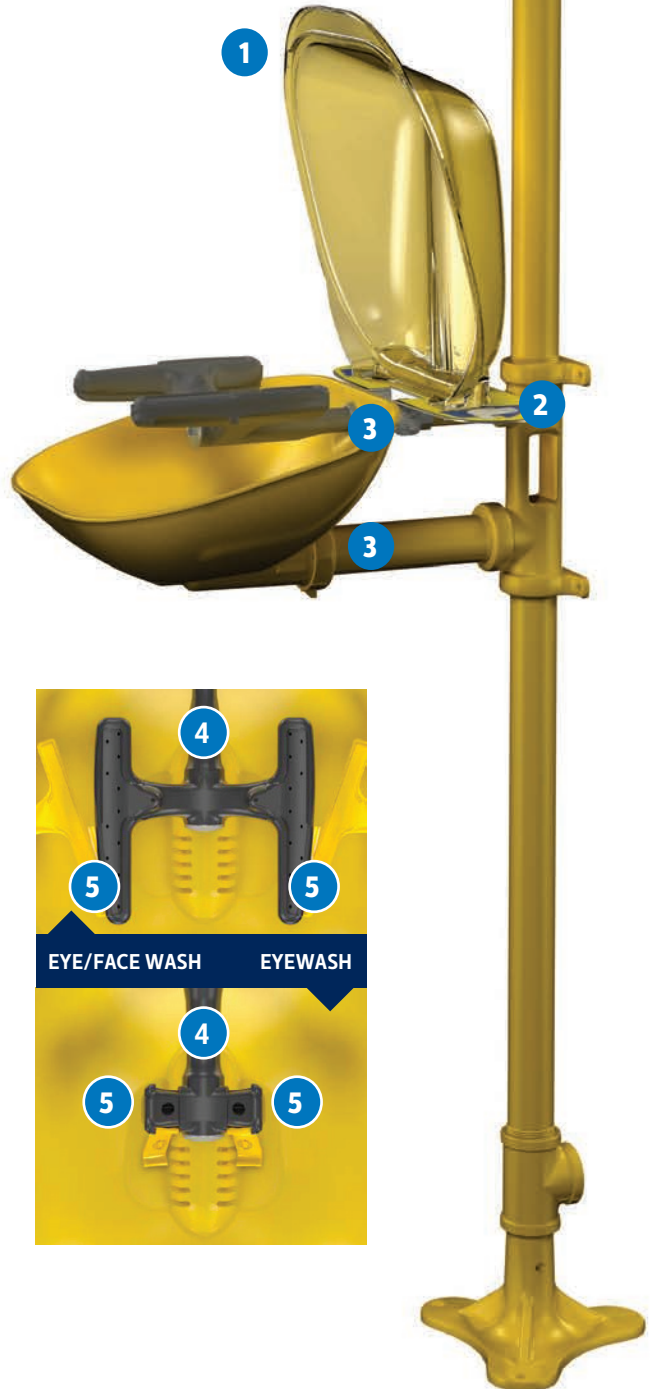
Bradley's **BradEX**® shipping program allows you to prepare for upcoming inspections and respond to changing workplace needs. Fast replacements are just a phone call away and will ship within two days. The **BradEX**® shipping feature is available for a wide range of product, at no extra cost.

# Halo

EYE/FACEWASH

Halo™ surrounds you with the fastest, most effective relief in the industry. Bradley's new eye & eye/face wash provides the most washdown coverage for your face of any model on the market. In an emergency, your eyes and face can't afford to trust anything but the best in the industry.

- 1** Enhanced dust cover design in clear translucent yellow allowing for easy inspection. When the cover is opened, water flow starts automatically giving the user instant relief.
- 2** New ergonomic hand activation is easy to reach from any direction.
- 3** Separate supply waste and pipes to eye/face wash are industry first and exclusive to Bradley!
- 4** The Aquaduct™ design is the only self draining design for standard Eyewash models – another industry first and Bradley exclusive. The self-draining Aquaduct helps reduce the risk of bacteria growth when unit is not in use. Integral strainer inside the Aquaduct reduces debris in the water for additional eye protection and also prevents clogging.
- 5** New dust cover caps on the Eyewash are hinged for a more secure hold – keeping dust and debris off the water spouts.





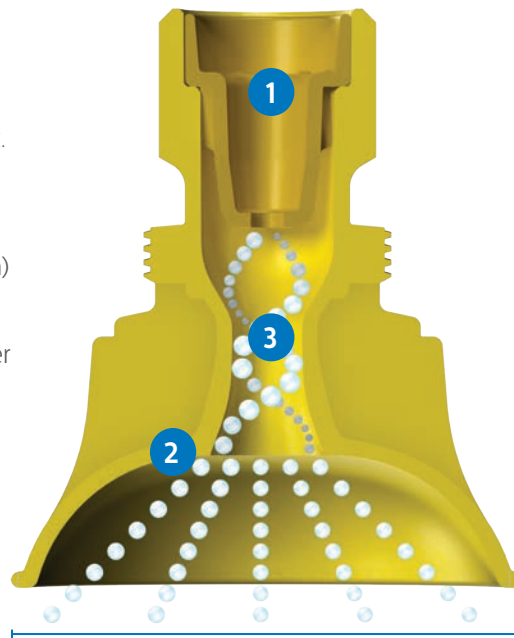
# SPINTEC®

SpinTec® showerheads incorporate the latest technology in fluid dynamics and provide the most consistent distribution of water from a drench shower. That means the fastest, most effective removal of contaminants in the industry.

## SpinTec Standard Showerhead

Showerhead is constructed of ABS plastic so it is highly corrosion resistant.

- 1** Integral flow control provides a minimum of 20GPM (761 L/Min)
- 2** Contoured shape focuses water for faster washdown
- 3** Spinning motion of water creates optimal spray pattern

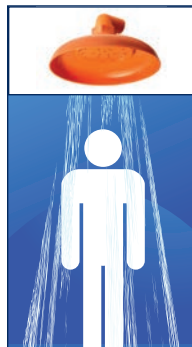


Smaller profile reduces risk of damage in busy industrial environments

## SpinTec Uniform Distribution



## OLD Uneven Distribution



## SpinTec High Performance Stainless Steel

The 304 & 316 Stainless Steel showerhead provides the maximum corrosion resistance and durability for highly corrosive and abusive applications.



## Recessed Flush-Mounted SpinTec Showerhead

Provides the smallest footprint and clean appearance of in-ceiling mounting. Easy to install.



## SpinTec Showerhead with Stainless Steel Shroud

Provides new showerhead with a traditional looking shroud.

# BRADLEY ELECTRIC TANKLESS WATER HEATERS

**POWERED BY KELTECH™**

## Tough enough for the most extreme environments on earth

On demand supply of ANSI-required tepid water for safety showers and eye/face washes – in seconds.

- No need to keep a 300 gal (1136 L) tank heated 24/7/365
- Easy to install – just add water and power. All you need is one electrical connection and a cold water line
- Under constant flow and pressure, temperatures stay within +/-1° F of set point
- Precision systems custom engineered to fit your application
- Meets ANSI/ISEA Z358.1 standards and third-party verified to UL/CSA standards
- Only electric tankless water heaters registered with the National Board and certified with the HLW stamp
- Optional features include NEMA 4X stainless steel enclosures, explosion proof purge system, and freeze protection to -20°F



For information contact your Bradley Representative or visit [bradleycorp.com](http://bradleycorp.com)



# Environmental and hazardous chemicals and site conditions

Within these industries warranting additional consideration are shown below. This list is not intended to be exhaustive, but rather, to serve as a starting point to begin the evaluation process of what types of hazards warrant the installation of a drench shower or Eyewash fixture that provides an ANSI-compliant 15-minute flush. Industries subject to a higher accident ratio and an increased rate of OSHA audits are:

- Healthcare
- Industrial
- Education
- Construction
- Agriculture
- Government
- Hospitality
- Retail
- Laboratories
- Food Processing
- Paper Mills
- Automotive
- Mining
- Trades
- Aerospace
- Ethanol/Oil Refineries
- Wastewater Treatment
- Utilities

## Common hazards that require a 15-minute flush

- Dust, dirt, salt, sand, cardboard, wood chips, powder, fine particulate
- Bloodborne pathogens; blood, bodily fluids and remains
- Metal shavings, filings, dust, concrete, cement chips,
- Insecticides, pesticides, herbicides, fumigants
- Nails, wood splinters, staples
- Smoke, flammable or poisonous gases
- Solvents, stains, paint, thinner, acetone
- Caustic water treatment chemicals
- Laboratory chemicals, oxygen
- Bleach, chlorine, ammonia
- Bacteria, germs, bio hazards
- Gas, diesel, cleaning solvents, antifreeze
- Battery acid, starter fluid, paints, oils, hydraulic fluid
- Falling, flying or shifting debris, rocks, building materials and glass
- Thermal hazards, UV radiation burns (welder's flash), electrical arcs
- Acids, bases, solvents, lime
- Flammable liquids



### Important information about compliance

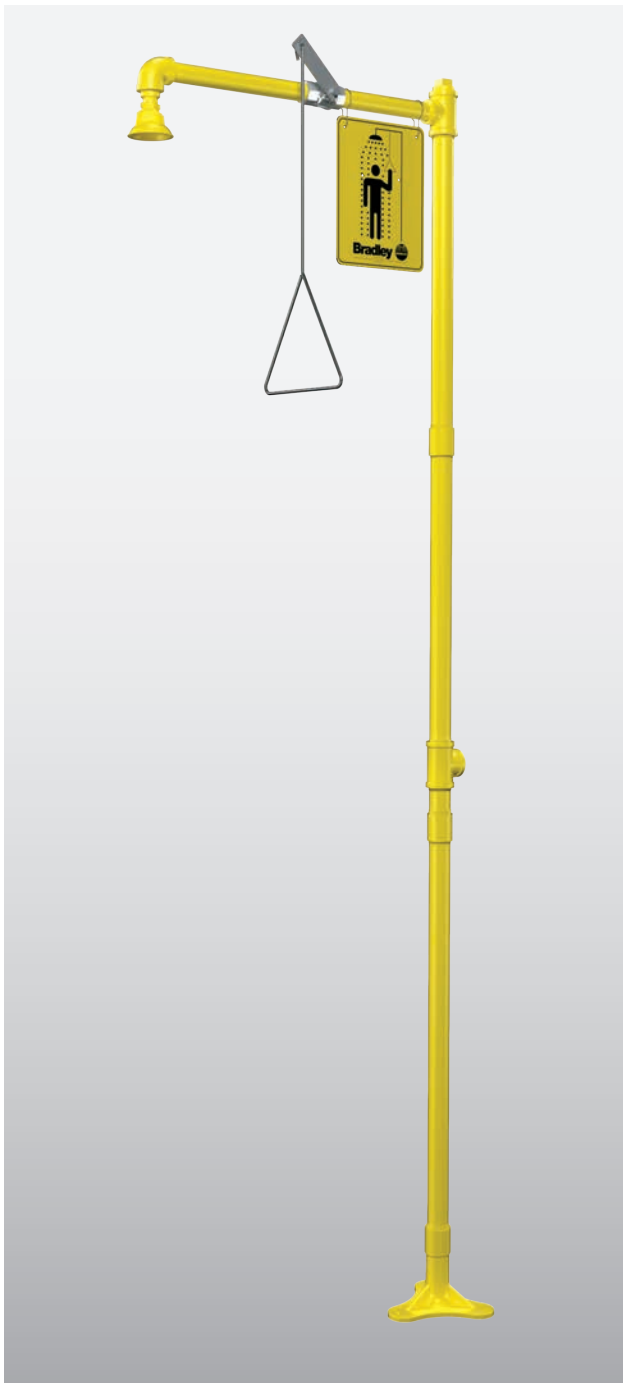
The U.S. Code of Federal Regulations 29CFR 1910.151 states: "Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use."

The American National Standards Institute (ANSI) establishes standards for minimum performance and use requirements for Eyewash and shower equipment.

The ANSI/ISEA Z358.1-2014 for Emergency Eyewash and Shower Equipment provides detailed guidelines to which OSHA, State OSHA and other regulatory agencies commonly refer.

The Joint Commission 2014 EC Standard for Hospitals requires: "The hospital takes action to minimize or eliminate identified safety and security risks in the physical environment." Furthermore, hospitals are required to "Minimize risk associated with selecting, handling, storing, transporting, using, and disposing hazardous chemicals." Surveyors commonly refer to OSHA requirements and the ANSI Standard for further guidance on best demonstrated practices.

Canadian Provincial authorities also typically refer to ANSI standards when auditing for or advising proper requirements for emergency Eyewash showers.



## S19-110 Series

### Overview

When there's the possibility of full-body chemical contamination, the first choice is an ANSI-compliant, full-body drench shower. Bradley drench showers, the S19-110 line of products, are a great choice when a wall-mounted drench shower isn't practical. And with the BradTect® corrosion-resistant yellow coating standard on most units, these drench showers are not only easy to see, but durable enough for your tough work environment.

### Key Features

- SpinTec showerhead improves water distribution
- Exceeds ANSI minimum water flow of 20 GPM (76 L/Min) at 30 psi (207 kPa)
- Stay-open ball valve with single-step activation
- Triangular stainless steel pull rod
- Universal ID sign
- BradTect corrosion-resistant yellow coating (except on stainless steel, PVC and chrome models)
- 1¼" (32 mm) NPT inlet
- One-year warranty
- Top- or mid-level supply standard on all drench showers and combination units
- ANSI/ISEA Z358.1 certified models available
- AS/NZS4775:2007 & AS4020 certified models available

### Emergency Fixture Facts

Drench showers are required to have 16" (406 mm) of clearance around the fixture, from the center of the spray pattern. ANSI /ISEA Z358.1 Section 4.1.4

### Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Hose Spray Kits	page 82
Freeze and Scald Protection Valves	page 84
Other parts and accessories	page 82

## Recommended Emergency TMV

### Navigator® EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





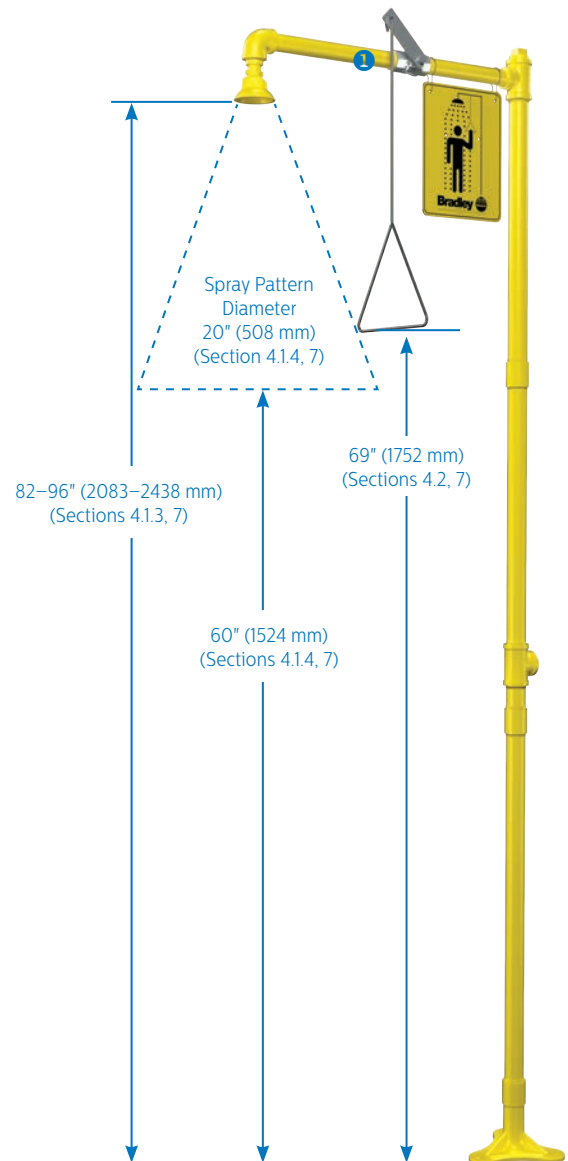
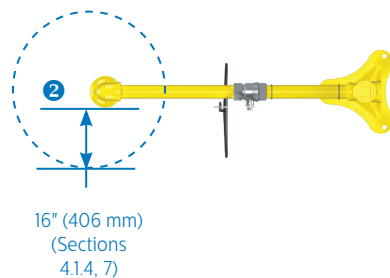
# Quick Compliance Guide

## Safety Drench Showers

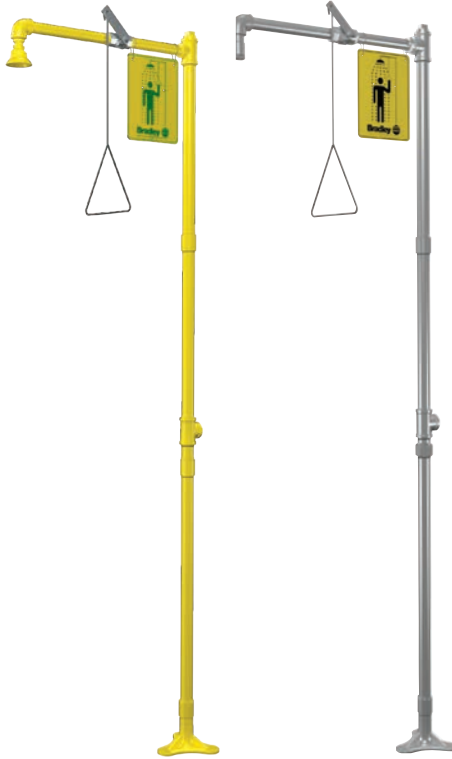
- Valve mechanism opens in one second or less; it stays open until manually closed. (Section 4.2) ①
- Supply with flushing fluid (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”). (Definitions, Sections 4.1.1, 4.4.1)
- Locate 10 seconds or 55' (16.8 m) from contaminants or hazardous materials. Locate on the same plane as hazard and free of obstructions. (Section 4.5.2, Appendix B5)
- Doors are an obstruction. (Appendix B5)
- Must resist corrosion in the presence of flushing fluid. (Section 4.1.5)
- Audible, visual and central control signal systems deter vandals and notify personnel that an accident occurred. (Appendix B4)
- Environmental conditions often require freeze or scald protection equipment. (Section 4.5.5)

## Top down view

Requires a 16" (406 mm) radius from the center of the drench shower spray pattern to be free of obstructions. (Section 4.1.4) ②



15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant showers release a continuous flow of at least 20 GPM (76 L/Min) of tepid flushing fluid for a period of at least 15 minutes. (Sections 4.1.2, 4.4.1, 4.5.5, 4.5.6)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15 minute flush or until medical personnel arrive. (Definitions, Sections 4.5.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Section 4.6.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Section 4.6.5)



**S19-110**

Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1

**S19-110Z**

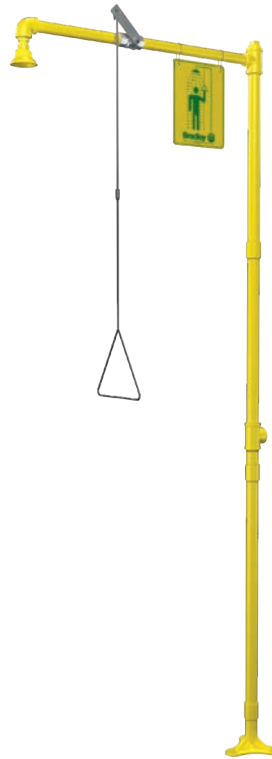
Same features as S19-110, except with BSPP thread  
 UL classified to meet ANSI/ISEA Z358.1

**S19-110SS**

Same features as S19-110, except is an all stainless steel fixture  
 Bradley's stainless steel emergency fixtures in 304 stainless recommended for harsh environments  
 UL classified to meet ANSI/ISEA Z358.1

**S19-110SSZ**

Same features as S19-110SS except with BSPP thread  
 Certified to AS4775 and AS4020



**S19-110BF**



Barrier-free Freestanding Drench Shower – fully accessible to people with physical disabilities  
 BradTect corrosion-resistant yellow coating  
 Plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1

**S19-110BFSS**



Same features as S19-110BF, except is an all stainless steel fixture  
 Bradley's stainless steel emergency fixtures in 304 stainless recommended for harsh environments  
 UL classified to meet ANSI/ISEA Z358.1

**S19-110BFSSZ**



Same features as S19-110BFSS except with BSPP thread  
 Certified to AS4775 and AS4020





## S19-120 & S19-130 series

### Overview

A drench shower is required anywhere a MSDS sheet indicates that a full body flush may be required or where exposure to hazardous material is likely. Bradley's drench showers provide a complete full body deluge of water, to ensure that contaminants are rinsed from the body as rapidly and efficiently as possible. With water resources at a premium, Bradley's patented design features an integral 22 GPM (83 L/Min) flow restrictor that works in tandem with the showerhead flow pattern to ensure that the most effective ANSI 15-minute flush is achieved. Maximize your precious water resources by choosing Bradley.

### Key Features

- SpinTec showerhead improves water distribution
- Stainless steel pull rod with triangular handle
- Stay-open ball valve
- BradTect coated galvanized steel pipe
- Horizontal/vertical: 1" (25 mm) water supply
- Freestanding: 1¼" (32 mm) water supply
- ANSI/ISEA Z358.1 certified models available
- AS/NZS4775:2007 & AS4020 certified models available
- One-year warranty

### Emergency Fixture Facts

Bradley equips all ANSI-compliant emergency fixtures with a valve that will stay open until manually closed, allowing the user free use of their hands during an emergency. ANSI/ISEA Z358.1 Section 4.2

### Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Hose Spray Kits	page 82
Freeze and Scald Protection Valves	page 84
Other parts and accessories	page 82

## Recommended Emergency TMV

### Navigator® EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





**S19-120**

Horizontal Drench Shower  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Impact-resistant plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1

**S19-120Z**

Same features S19-120, except with BSPP thread  
 UL Classified to meet ANSI/ISEA Z358.1



**S19-120A**

Same features as S19-120, except with stainless steel shroud  
 UL classified to meet ANSI/ISEA Z358.1

**S19-120AZ**

Same features S19-120A, except with BSPP thread  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120SS**

Same features as S19-120 except is an all stainless steel fixture  
 Certified to ANSI/ISEA Z358.1

**S19-120SSZ**

Same features as S19-120SS except with BSPP thread  
 Certified to ANSI/ISEA Z358.1



**S19-120HFP**

Frost Proof Horizontal Drench Shower  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Impact-resistant plastic showerhead  
 Available in three wall thicknesses:  
 S19-120HFP8 0–8" (0–203 mm)  
 S19-120HFP12 8–12" (203–305 mm) – standard  
 S19-120HFP18 12–18" (305–457 mm)  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120P**

Horizontal Drench Shower with Hose Spray  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Impact-resistant plastic showerhead  
 Includes 8' (2.4 m) drench hose for body rinse  
 Easily wall mounted  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120T**

Horizontal Drench Shower.  
 Chrome-plated, brass pipe and fittings for bright, mirror finish  
 Impact-resistant stainless steel shroud  
 Easily wall mounted  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120FM**

Flush-mount Horizontal Drench Shower  
 Integral flange mounts flush with ceiling  
 Concealed pipe and fittings  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120BF**

Barrier-free  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Impact-resistant plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120SSBF**

Same features as S19-120BF, except is an all stainless steel fixture  
 UL classified to meet ANSI/ISEA Z358.1



**S19-120SSBFZ**

Same features as S19-120SSBF except with BSPP thread  
 Certified to AS4775 and AS4020



**S19-120ABF**

Same features as S19-120BF, except with stainless steel shroud  
 UL classified to meet ANSI/ISEA Z358.1

**S19-120FMBF**

Barrier-free  
 Integral flange mounts flush with ceiling  
 Concealed pipe and fittings  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1







**S19-130**

Vertical Drench Shower  
 Impact-resistant plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1



**S19-130SS**

Same features as S19-130, except is an all stainless steel fixture  
 UL classified to meet ANSI/ISEA Z358.1



**S19-130A**

Same features as S19-130, except with stainless steel shroud  
 UL classified to meet ANSI/ISEA Z358.1

**S19-130Z**

Same features as S19-130, except with BSPP thread  
 Certified to AS4775 and AS4020

**S19-130SSZ**

Same features as S19-130SS, except with BSPP thread  
 Certified to AS4775 and AS4020



**S19-130BF**

Barrier-free  
 Impact-resistant plastic showerhead  
 UL classified to meet ANSI/ISEA Z358.1



**S19-130SSBF**

Same features as S19-130ABF, except is an all stainless steel fixture  
 UL classified to meet ANSI/ISEA Z358.1



**S19-130ABF**

Same features as S19-130BF, except with stainless steel showerhead  
 UL classified to meet ANSI/ISEA Z358.1



**S19-130SSBFZ**

Same features as S19-130SSBF except with BSPP thread  
 Certified to AS4775 and AS4020



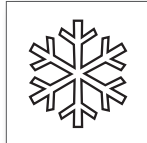
## FLOW CONTROLS

In the interest of water conservation, each shower head features an integral 20 GPM (76 L/Min) flow control. This item must be purchased separately for most competing brands.



## FROST PROOF

Bradley features frost-proof emergency fixtures for when an adjacent outside wall of a heated building is available. They can also be free standing with a buried supply pipe. See your local plumbing codes for code compliance.



## BARRIER FREE

Halo models are barrier-free. This provides ease of use for individuals with disabilities.





# S19214 Series

## Overview

Safety and maintenance personnel often select pedestal-mounted Eyewashes where a wall-mounted fixture is not practical due to site conditions. As a leading manufacturer of emergency fixtures, Bradley provides a variety of Eyewash solutions; barrier-free, frost-proof or stainless steel fixtures with a variety of different spray patterns. Committed to providing a strong value proposition, Bradley also offers complimentary safety inspections to facilities, providing expert advice about emergency fixture solutions.

## Key Features

- Halo Eyewashes and eye/face washes provide the most washdown coverage available
- Exceed ANSI-mandated flow rates
- Universal activation
- BradTect coated galvanized steel pipe
- 1/2" (13 mm) water supply, 1/4" (32 mm) waste
- All pedestal-mounted units with Halo meet barrier-free requirements
- One-year warranty
- ANSI/ISEA Z358.1 certified models available
- AS/NZS4775:2007 & AS4020 certified models available

## Emergency Fixture Facts

The emergency fixture must provide a continuous flow of flushing fluid. ANSI/ISEA Z358.1 Section 5.4.5, 6.4.5

## Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Hose Spray Kits	page 82
Freeze and Scald Protection Valves	page 84
Retrofit Dust Cover Kits	page 89
Foot Treadle Kits	page 92
Other parts and accessories	page 82

## Recommended Emergency TMV

### Navigator EFX 8 (S19-2000)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.



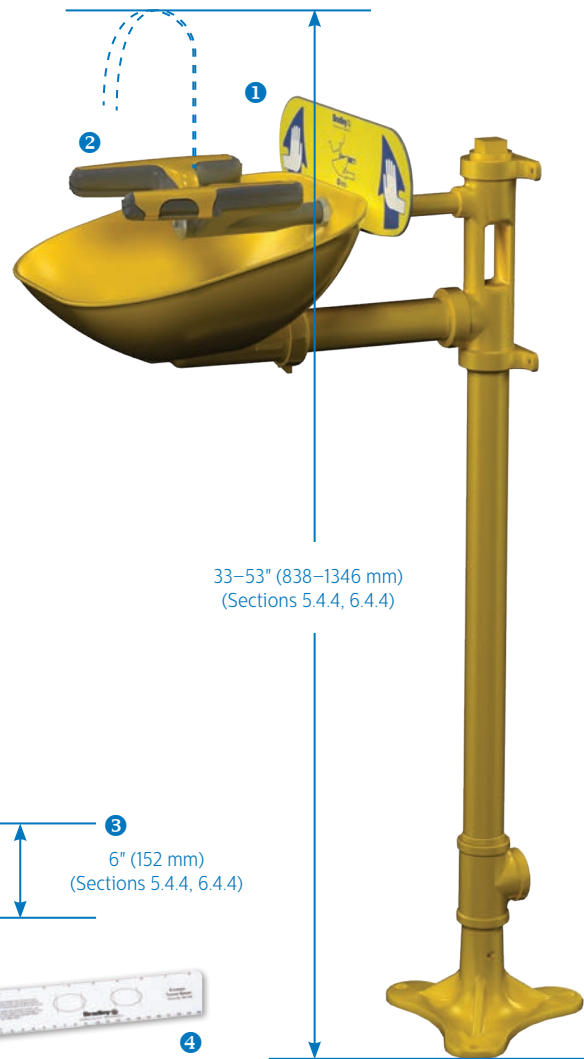
Don't see the product you are looking for? Go to page 23 to use the S19214 Configurator



# Quick Compliance Guide

## Eye and Eye/Face Wash Fixtures

- Valve mechanism opens in one second or less; it stays open until manually closed. (Sections 5.2, 6.2) ①
- Supply with flushing fluid, (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”) Definitions, Sections 5.1.1, 6.1.1)
- Locate 10 seconds or 55’ (16.8 m) from contaminants or hazardous materials. Locate on the same plane as hazard and free of obstructions. (Sections 5.4.2, 6.4.2, Appendix B5)
- Must resist corrosion in the presence of flushing fluid. (Sections 5.1.5, 6.1.5) ②
- Protect eye and eye/face wash heads from contaminants. (Sections 5.1.3, 6.1.3)
- Flow Rates: **Eyewash** unit delivers a minimum of .4 GPM (1.5 L/Min) for 15 minutes. (Section 5.1.6) **Eye/face wash** unit delivers a minimum of 3.0 GPM (11 L/Min) for 15 minutes. (Section 6.1.6)
- Use a flow meter to test flow rate; use a test gauge to test flow pattern. (Sections 5.1.8, 5.3.1, 6.1.7, 6.1.8, 6.3, 6.3.1)
- Audible, visual and central control signal systems deter vandalism and alert safety personnel. (Appendix B4)
- Environmental conditions often require freeze or scald protection equipment. (Sections 5.4.5, 6.4.5)



## Top down view

Required to be free of obstructions a minimum of 6" (152 mm) from the outside of the eye or eye/face wash sprayheads. (Sections 5.4.4, 6.4.4) ③

Use a Bradley test gauge (Model 269-1444) to check flow pattern. ④

15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant fixtures release a continuous flow of tepid flushing fluid for a minimum of 15 minutes. (Sections 5.1.6, 5.4.5, 5.4.6, 6.1.6, 6.4.5, 6.4.6)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15 minute flush or until medical personnel arrive. (Definitions, Sections 5.4.6, 6.4.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 5.5.2, 6.5.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Sections 5.5.2, 5.5.5, 6.5.2, 6.5.5)



**S19214EW**

Eyewash with plastic bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1



**S19214EWZS**

Eyewash with plastic bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19214B**

Eyewash with stainless steel bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19214EWZ**

Same features as S19214EW except with BSPP thread

**S19214BZ**

Same features as S19214B except with BSPP thread



**S19214BZS**

Eyewash with stainless steel bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19214PDC**

Eyewash with plastic bowl and dust cover  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1



**S19214PDCZS**

Eyewash with plastic bowl and dust cover  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020

**S19214PDCZ**

Same features as S19214PDC except with BSPP thread



**S19214DC**

Eyewash with stainless steel bowl and dust cover  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19214DCZ**

Same features as S19214DC except with BSPP thread



**S19214DCZS**

Eyewash with stainless steel bowl and dust cover  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19214FW**

Eye/face wash with plastic bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19214FWZ**

Same features as S19214FW except with BSPP thread



**S19214FWZS**

Eye/face wash with plastic bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19214Y**

Eye/face wash with stainless steel bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19214YZ**

Same features as S19214Y except with BSPP thread



**S19214YZS**

Eye/face wash with stainless steel bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020





**S19214YF**

Eye/face wash with stainless steel bowl  
 Hand or foot operation  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1



**S19214YFZS**

Eye/face wash with stainless steel bowl  
 Hand or foot operation  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19214P**

Eye/face wash with stainless steel bowl  
 8' (2.4 m) hand-held drench hose  
 attachment for body rinse  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19214YFZ**

Same features as S19214YF  
 except with BSPP thread

**S19214PZ**

Same features as S19214P except with BSPP thread  
 AS4775 & AS4020 certified



**S19214PDCFW**

Eye/face wash plastic bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1



**S19214PDCFWZS**

Eye/face wash plastic bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19214DCFW**

Eye/face wash stainless steel bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19214PDCFWZ**

Same features as S19214PDCFW  
 except with BSPP thread

**S19214DCFWZ**

Same features as S19214DCFW  
 except with BSPP thread



**S19214DCFWZS**

Eye/face wash stainless steel bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19214BSS**

All stainless steel fixture  
 UL classified to meet ANSI/ISEA Z358.1

**S19214BSSZ**

Same features as S19214BSS except with BSPP thread  
 Certified to AS4775 and AS4020



**S19214SC**

All stainless steel fixture  
 Hinged dust cover  
 UL classified to meet ANSI/ISEA Z358.1

**S19214SCZ**

Same features as S19214SC except with BSPP thread

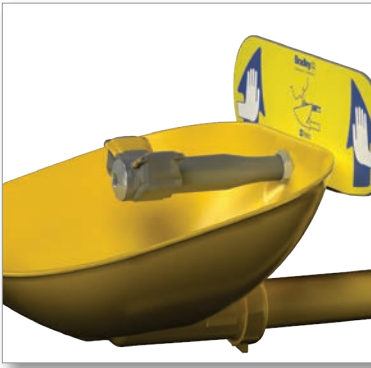


**S19214SS**

All stainless steel fixture  
 Hand or foot operation  
 UL classified to meet ANSI/ISEA Z358.1

**S19214SSZ**

Same features as S19214SS except with BSPP thread



## EYEWASHES

When the safety risk targets the eye area, Bradley's Eyewashes are the recommended solution for emergency care. The Eyewash sprayheads flow at approximately 5.1 GPM (19 L/Min), exceeding ANSI's 0.4 GPM (1.5 L/Min) flow rate. The flow gently flushes water directly on the eye to wash out contaminants.



## EYE/FACE WASHES

When chemicals and other hazardous liquids can contaminate the face and eyes, an eye/face wash is the solution. Bradley's eye/face wash heads feature integral flow controls that provide a soft flush of approximately 5.1 GPM (19 L/Min). Eye/face washes are considered premium fixtures that exceed ANSI's 3.0 GPM (11 L/Min) mandate.



## DUST COVERS

The most effective way to keep the unit clean and functioning properly is to have a dust cover over the eye or eye/face wash. See-through plastic dust covers provide effective dust protection, but also allow for easy inspection. These covers automatically open when the eye or eye/face wash is activated. Dust covers are available as standard equipment on many eye and eye/face washes, or can be ordered as a retrofit kit.



## FOOT TREADLE

Foot treadles provide hands-free activation for eye and eye/face washes. Foot treadles are available as standard equipment on some eye and eye/face washes, or can be ordered as a retrofit kit.



# S19214 Series Configurator

Don't see a model that meets your application? Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your desired product.

## 1 Configuration



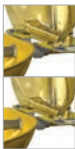
- B** 24 in (61 cm) Drain Height
- O** 6 in (15.2 cm) Drain Height, Standard

## 2 Pipe Material



- A** NPT †, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- B** NPT †, All 304 Stainless Steel, 1.25 in (32 mm)
- C** NPT †, All 316 Stainless Steel,\* 1.25 in (32 mm)
- D** NPT †, Chrome-Plated, 1.25 in (32 mm)
- F** BSPP †, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- G** BSPP †, All 304 Stainless Steel, 1.25 in (32 mm)
- H** BSPP †, All 316 Stainless Steel, 1.25 in (32 mm)
- J** BSPP †, Chrome-Plated, 1.25 in (32 mm)

## 3 Ball Valve



- 1** Stay-Open Eyewash, Chrome-Plated Brass
- 2** Stay-Open Eyewash, 316 SS

## 4 Eyewash or Eye/Face Wash



- A** Halo Eyewash
- B** Halo Eye/Face Wash
- D** Halo Eyewash, 304 SS Yoke
- E** Halo Eye/Face Wash, 304 SS Yoke
- F** Halo 304 Stainless Eye/Face Wash, 304 SS Yoke\*\*
- G** Halo Eyewash, 316 SS Yoke
- H** Halo Eye/Face Wash, 316 SS Yoke
- J** Halo 316 Stainless Eye/Face Wash, 316 SS Yoke\*\*

## 5 Bowl and Dust Cover



- A** Plastic Bowl, No Dust Cover
- B** Plastic Bowl, Plastic Dust Cover
- D** 304 SS, No Dust Cover
- E** 304 SS, 304 SS Dust Cover
- F** 304 SS, Plastic Dust Cover
- G** 316 SS, No Dust Cover
- H** 316 SS, 316 SS Dust Cover
- J** 316 SS, Plastic Dust Cover
- O** No Bowl or Dust Cover

## 6 Activation



- A** 300 SS Handle
- B** 316 SS Handle
- C** 300 SS Handle with 300 SS Foot Pedal \*
- D** 300 SS Handle with 316 SS Foot Pedal \*
- E** 316 SS Handle with 316 SS Foot Pedal \*

## 7 Drench Hose and Back-flow Prevention



- A** Drench Hose Kit with Vacuum Breaker
- B** Drench Hose Kit with N9 Back-flow Preventer
- C** Drench Hose Kit with 9D Back-flow Preventer
- D** Drench Hose Kit without Back-flow Preventer
- O** No Drench Hose and No Back-flow Prevention

## 8 Freeze and Scald Protection



- N** Anti-Freeze Valve
- P** Anti-Scald Valve
- R** Anti-Freeze and Anti-Scald Valves
- O** No Anti-Freeze Valve and No Anti-Scald Valve
- Z** Anti-Freeze and Anti-Scald Valve Ready

‡ NPT (National Pipe Thread).

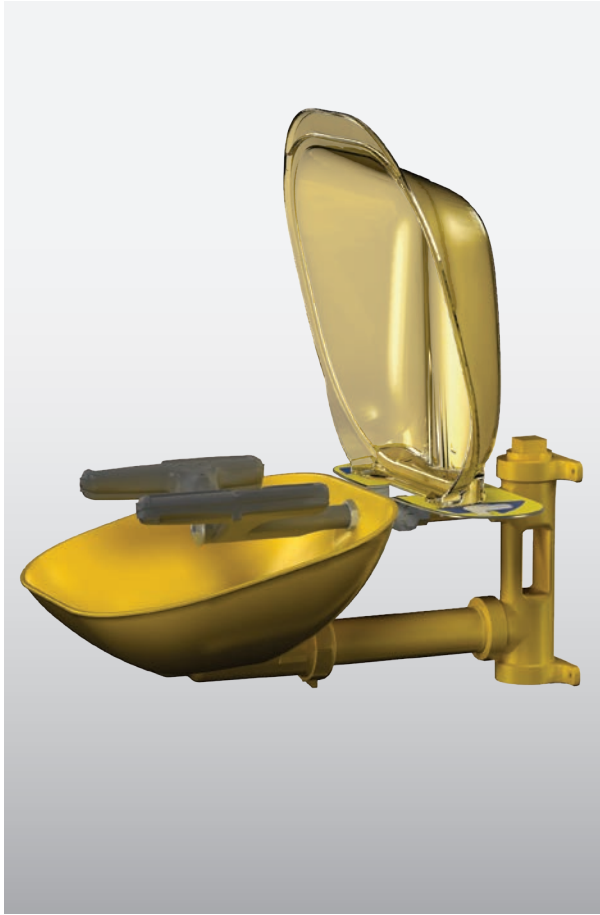
† BSPP (British Standard Pipe Parallel Threads)

\* Not available with barrier-free configurations.

\*\*Must select stainless steel pipe and ball valve when stainless steel eye/face wash is required.

Fill in 1 through 8 to specify the Halo model and configuration for your desired project:

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
S	1	9	2	1	4			



# S19224 series

## Overview

Wall-mounted emergency units are classic fixtures that originated from safety's early days. The classic fixture evolved from a basic Eyewash model with little to no options, to the fixtures of today with standard high visibility, yellow corrosion-resistant coating, plastic and stainless steel dust covers, various flow rates and flow patterns to flush the most elusive contaminants from the face. Wall-mounted fixtures are among the most compact, versatile safety solutions on the market. They can be found in industrial facilities, airports, auto repair shops, food processing environments and paper mills to name a few.

## Key Features

- Halo Eyewashes and eye/face washes provide the most washdown coverage available
- Dust cover protects fixture from dust and debris
- Fixtures exceed ANSI-mandated flow rates
- Single-step activation
- BradTect corrosion-resistant yellow coating
- Wall-mounted units with Halo meet barrier-free requirements
- ANSI/ISEA Z358.1 certified models available
- AS/NZS4775:2007 & AS4020 certified models available
- One-year warranty

## Emergency Fixture Facts

An ANSI-compliant Eyewash provides 15-minutes of flushing fluid.  
ANSI/ISEA Z358.1 Section 5.1.6, 6.1.6

## Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Hose Spray Kits	page 82
Freeze and Scald Protection Valves	page 84
Retrofit Dust Cover Kits	page 89
Foot Treadle Kits	page 92
Other parts and accessories	page 82

## Recommended Emergency TMV

### Navigator EFX 8 (S19-2000)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.



Don't see the product you are looking for? Go to page 32 to use the S19224 Configurator



**S19224EW**

Eyewash with plastic bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224EWZ**

Same features as S19224EW except with BSPP thread



**S19224EWZS**

Eyewash with plastic bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19224B**

Eyewash with stainless steel bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224BZ**

Same features as S19224B except with BSPP thread



**S19224BZS**

Eyewash with stainless steel bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19224PT**

Eyewash with plastic bowl  
Tailpiece and P-trap  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224PTZ**

Same features as S19224PT except with BSPP thread



**S19224PTZS**

Eyewash with plastic bowl  
Tailpiece and P-trap  
All stainless steel piping  
BSPP thread



**S19224BPT**

Eyewash with stainless steel bowl  
 Tailpiece and P-trap  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19224BPTZ**

Same features as S19224BPT  
 except with BSPP thread



**S19224BPTZS**

Eyewash with stainless steel bowl  
 Tailpiece and P-trap  
 All stainless steel piping  
 BSPP thread



**S19224PDC**

Eyewash with plastic bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19224PDCZ**

Same features as S19224PDC  
 except with BSPP thread



**S19224PDCZS**

Eyewash with plastic bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19224DC**

Eyewash with stainless steel bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19224DCZ**

Same features as S19224DC  
 except with BSPP thread



**S19224DCZS**

Eyewash with stainless steel bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19224DCPT**

Eyewash with stainless steel bowl and dust cover  
Tailpiece and P-trap  
Galvanized steel protected with BradTect  
corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224DCPTZ**

Same features as S19224DCPT  
except with BSPP thread



**S19224DCPTZS**

Eyewash with stainless steel bowl and dust cover  
Tailpiece and P-trap  
All stainless steel piping  
BSPP thread



**S19224FW**

Eye/face Wash with plastic bowl  
Galvanized steel protected with BradTect  
corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224FWZ**

Same features as S19224FW  
except with BSPP thread



**S19224FWZS**

Eye/face Wash with plastic bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19224FWPT**

Eye/face Wash with plastic bowl  
Tailpiece and P-trap  
Galvanized steel protected with BradTect  
corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224FWPTZ**

Same features as S19224FWPT  
except with BSPP thread



**S19224FWPTZS**

Eye/face Wash with plastic bowl  
Tailpiece and P-trap  
All stainless steel piping  
BSPP thread





**S19224T**

Eye/face Wash with stainless steel bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224TZ**

Same features as S19224T except with BSPP thread



**S19224TZS**

Eye/face Wash with stainless steel bowl  
All stainless steel piping  
BSPP thread  
Certified to AS4775 and AS4020



**S19224P**

Eye/face Wash with stainless steel bowl  
8' (2.4 m) hand-held drench hose for body rinse  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224PZ**

Same features as S19224P except with BSPP thread



**S19224TPT**

Eye/face Wash with stainless steel bowl  
Tailpiece and P-trap  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1

**S19224TPTZ**

Same features as S19224TPT except with BSPP thread



**S19224TPTZS**

Eye/face Wash with stainless steel bowl  
Tailpiece and P-trap  
All stainless steel piping  
BSPP thread



**S19224Y**

Eye/face Wash with stainless steel bowl  
Hand or foot operation  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
UL classified to meet ANSI/ISEA Z358.1  
Unit is not Barrier-Free

**S19224YZ**

Same features as S19224Y except with BSPP thread  
Unit is not Barrier-Free



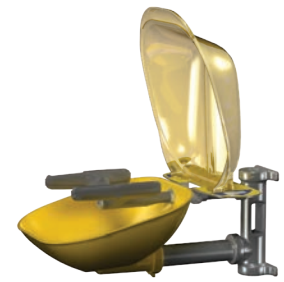
**S19224YZS**

Eye/face Wash with stainless steel bowl  
 Hand or foot operation  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020  
 Unit is not Barrier-Free



**S19224PDCFW**

Eye/face Wash with plastic bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1



**S19224PDCFWZS**

Eye/face Wash with plastic bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020

**S19224PDCFWZ**

Same features as S19224PDCFW  
 except with BSPP thread



**S19224DCFW**

Eye/face Wash with stainless  
 steel bowl and dust cover  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1



**S19224DCFWZS**

Eye/face Wash with stainless  
 steel bowl and dust cover  
 All stainless steel piping  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19224DCRPT**

Eye/face Wash with stainless  
 steel bowl and dust cover  
 Tailpiece and P-trap  
 Galvanized steel protected with BradTect  
 corrosion-resistant yellow coating  
 UL classified to meet ANSI/ISEA Z358.1

**S19224DCFWZ**

Same features as S19224DCFW  
 except with BSPP thread

**S19224DCRPTZ**

Same features as S19224DCRPT  
 except with BSPP thread



**S19224DCRPTZS**

Eye/face Wash with stainless steel bowl and dust cover  
 Tailpiece and P-trap  
 All stainless steel piping  
 BSPP thread



**S19224SC**

All stainless steel fixture  
 Hinged dust cover  
 UL classified to meet ANSI/ISEA Z358.1

**S19224SCZ**

Same features as S19224SC except with BSPP thread  
 Certified to AS4775 and AS4020



**S19224SS**

All stainless steel fixture  
 UL classified to meet ANSI/ISEA Z358.1

**S19224SSZ**

Same features as S19224SS except with BSPP thread  
 Certified to AS4775 and AS4020



**S19-220HFP**



Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Stainless steel bowl  
 Available in three wall thicknesses:  
 S19-220HFP8 0-8" (0-203 mm)  
 S19-220HFP12 8-12" (203-305 mm) – standard  
 S19-220HFP18 12-18" (305-457 mm)  
 UL classified to meet ANSI/ISEA Z358.1



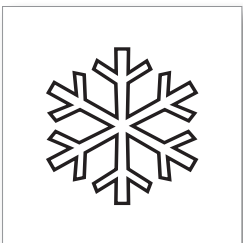
## EYE AND EYE/FACE WASH BOWLS

Bradley's eye and eye/face wash bowls come in two different materials – plastic and stainless steel. The high-visibility plastic bowls are intended for general use. The impact-resistant plastic will stand up to regular wear and tear. For the most durable bowl, select stainless steel bowls for rugged environments, where impact and corrosion could be a problem.



## DUST COVERS

The most effective way to keep the unit clean and functioning properly is to have a dust cover over the eye or eye/face wash. See-through plastic dust covers provide effective dust protection, but also allow for easy inspection. These covers automatically open when the eye or eye/face wash is activated. Dust covers are available as standard equipment on many eye and eye/face washes, or can be ordered as a retrofit kit.



## FROST PROOF

Bradley features frost-proof emergency fixtures for when an adjacent outside wall of a heated building is available. They can also be free standing with a buried supply pipe. See your local plumbing codes for code compliance.



## BARRIER FREE

Halo models are barrier-free. This provides ease of use for individuals with disabilities.

# S19224 Series Configurator

Don't see a model that meets your application? Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your desired product.

## 1 Configuration



- 0 Standard Wall Mount

## 2 Pipe Material



- A NPT †, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- B NPT †, All 304 Stainless Steel, 1.25 in (32 mm)
- C NPT †, All 316 Stainless Steel,\* 1.25 in (32 mm)
- D NPT †, Chrome-Plated, 1.25 in (32 mm)
- F BSPP †, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- G BSPP †, All 304 Stainless Steel, 1.25 in (32 mm)
- H BSPP †, All 316 Stainless Steel,\* 1.25 in (32 mm)
- J BSPP †, Chrome-Plated, 1.25 in (32 mm)

## 3 Ball Valve



- 1 Stay-Open Eyewash, Chrome-Plated Brass
- 2 Stay-Open Eyewash, 316 SS

## 4 Eyewash or Eye/Face Wash



- A Halo Eyewash
- B Halo Eye/Face Wash
- D Halo Eyewash, 304 SS Yoke
- E Halo Eye/Face Wash, 304 SS Yoke
- F Halo 304 Stainless Eye/Face Wash, 304 SS Yoke \*\*
- G Halo Eyewash, 316 SS Yoke
- H Halo Eye/Face Wash, 316 SS Yoke
- J Halo 316 Stainless Eye/Face Wash, 316 SS Yoke \*\*

## 5 Bowl and Dust Cover



- A Plastic Bowl, No Dust Cover
- B Plastic Bowl, Plastic Dust Cover
- D 304 SS, No Dust Cover
- E 304 SS, 304 SS Dust Cover
- F 304 SS, Plastic Dust Cover
- G 316 SS, No Dust Cover
- H 316 SS, 316 SS Dust Cover
- J 316 SS, Plastic Dust Cover
- O No Bowl or Dust Cover

## 6 Activation



- A 300 SS Handle
- B 316 SS Handle
- D 300 SS Handle with 300 SS Foot Pedal \*

## 7 Waste



- A Tail-piece
- D P-trap
- O No Waste

## 8 Drench Hose and Back-flow Prevention



- A Drench Hose Kit with Vacuum Breaker
- B Drench Hose Kit with N9 Back-flow Preventer
- C Drench Hose Kit with 9D Back-flow Preventer
- D Drench Hose Kit without Back-flow Preventer
- O No Drench Hose and No Back-flow Prevention

## 9 Freeze and Scald Protection



- N Anti-Freeze Valve
- P Anti-Scald Valve
- R Anti-Freeze and Anti-Scald Valves
- O No Anti-Freeze Valve and No Anti-Scald Valve
- Z Anti-Freeze and Anti-Scald Valve Ready

† NPT (National Pipe Thread).

† BSPP (British Standard Pipe Parallel Threads)

\* Not available with barrier-free configurations.

\*\*Must select stainless steel pipe and ball valve when stainless steel eye/face wash is required.

Fill in 1 through 8 to specify the Halo model and configuration for your desired project:

S	1	9	2	2	4	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
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# S19314 Series

## Overview

Bradley's S19314 Series is the most complete safety fixture on the market. The drench shower provides full-body relief from contamination, and the eye or eye/face wash targets those areas of the body where a gentle spray of water is optimal.

## Key Features

- Halo Eyewashes and eye/face washes provide the most washdown coverage available
- SpinTec showerhead improves water distribution
- Stay-open ball valve with single-step activation
- Triangular stainless steel pull rod
- BradTect corrosion-resistant yellow coating (except on stainless steel, PVC and chrome models)
- Frost-proof and barrier-free models available
- Universal ID sign
- Top- or mid-level supply standard on all drench showers and combination units
- Integrated eye or eye/face wash with capped Eyewash heads
- One-year warranty
- 1¼" (32 mm) NPT inlet
- Single-step eye or eye/face wash activation
- Single-step drench shower activation
- ANSI/ISEA Z358.1 certified models available
- AS/NZS4775:2007 & AS4020 certified models available

## Emergency Fixture Facts

Locate safety fixtures 10 seconds or 55' (16.8 m) from a hazardous area. ANSI/ISEA Z358.1 Section 7.4.2, Appendix B5

## Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Hose Spray Kits	page 82
Freeze and Scald Protection Valves	page 84
Retrofit Dust Cover Kits	page 89
Foot Treadle Kits	page 92
Other parts and accessories	page 82



## Recommended Emergency TMV

### Navigator® EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.



Don't see the product you are looking for? Go to page 43 to use the S19314 Configurator

# Quick Compliance Guide

## Combination Drench Shower, Eye and Eye/Face Washes

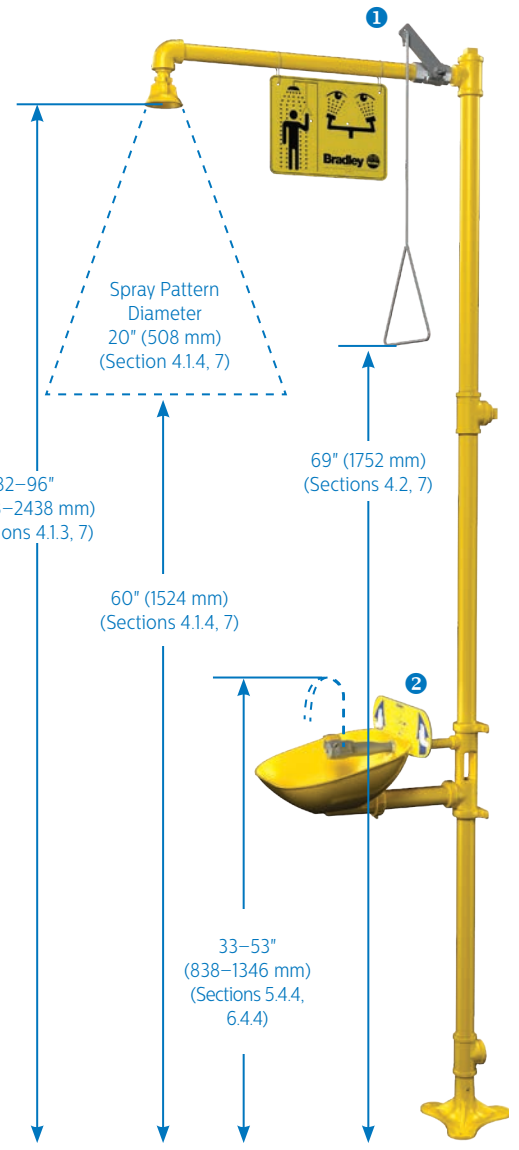
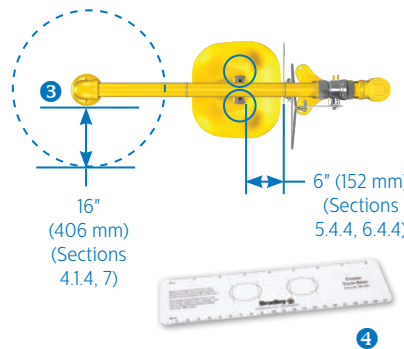
- Valve mechanism opens in one second or less; it stays open until manually closed. (Sections 4.2, 5.2, 6.2, 7.1.1, 7.1.2, 7.1.3) **1**
- Drench shower and eye or eye/face wash must operate simultaneously. (Section 7.4.4)
- Supply with flushing fluid (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”). (Definitions, Sections 4.1.1, 4.4.1, 5.1.1, 6.1.1, 7.1.2, 7.1.3)
- Locate 10 seconds or 55’ (16.8 m) from contaminants or hazardous materials. Locate on same plane as the hazard, free of obstructions. (Sections 4.5.2, 5.4.2, 6.4.2, 7.1.1, 7.1.2, 7.1.3, 7.4.2, Appendix B5) **2**
- Must resist corrosion in the presence of flushing fluid (Sections 4.1.5, 5.1.5, 6.1.5, 7.1.1, 7.1.2, 7.1.3)
- Protect eye and eye/face wash heads from contaminants. (Sections 5.1.3, 6.1.3, 7.1.2, 7.1.3)
- Flow Rates: **Eyewash** unit delivers a minimum of .4 GPM (1.5 L/Min) for 15 minutes. (Section 5.1.6)  
**Eye/face wash** unit delivers a minimum of 3.0 GPM (11 L/Min) for 15 minutes. (Section 6.1.6)
- Use flow meter to check flow rate; use test gauge to test flow pattern. (Sections 5.1.8, 5.3.1, 6.1.7, 6.3, 7.1.2, 7.1.3)
- Environmental conditions often require freeze or scald protection equipment. (Sections 4.5.5, 5.4.5, 6.4.5, 7.1.1, 7.1.2, 7.1.3)

### Top down view

Requires a 16" (406 mm) radius from the center of the drench shower spray pattern to be free of obstructions. (Sections 4.1.4, 7.1.1) **3**

Required to be free of obstructions a minimum of 6" (152 mm) from the outside of the eye or eye/face wash sprayheads. (Sections 5.4.4, 6.4.4, 7.1.2, 7.1.3)

Use a Bradley test gauge (Model 269-1444) to check flow pattern. **4**



15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant showers release a continuous flow of at least 20 GPM (76 L/Min) of tepid flushing fluid for a period of at least 15 minutes. (Sections 4.1.4, 4.4.1, 4.5.5, 4.5.6, 7.1.1) Compliant eye or eye/face wash fixture releases a continuous flow of flushing fluid for a minimum of 15 minutes. (Sections 5.1.6, 5.4.5, 5.4.6, 6.1.6, 6.4.5, 6.4.6, 7.1.2, 7.1.3)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15-minute flush or until medical personnel arrive. (Definitions, Sections 4.5.6, 5.4.6, 6.4.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 4.6.2, 5.5.2, 6.5.2, 7.5.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Section 7.5.5) (Section 4.6.5)



**S19314EW**

Eyewash with plastic showerhead and bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
UL classified to meet ANSI/ISEA Z358.1

**S19314EWZ**

Same features as S19314EW except with BSPP thread



**S19314EWZS**

Eyewash with plastic showerhead and bowl  
All stainless steel piping  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
BSPP thread  
Certified to AS4775 and AS4020



**S19314PZ**

Eyewash with plastic showerhead and bowl  
8' (2.4 m) hand-held drench hose for body rinse  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
UL classified to meet ANSI/ISEA Z358.1

**S19314PZ**

Same features as S19314P except with BSPP thread



**S19314SBZ**

Eyewash with plastic showerhead and stainless steel bowl  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
UL classified to meet ANSI/ISEA Z358.1

**S19314SBZ**

Same features as S19314SB except with BSPP thread



**S19314SBZS**

Eyewash with plastic showerhead and stainless steel bowl  
All stainless steel piping  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
Certified to AS4775 and AS4020



**S19314LLZ**

Eyewash with plastic showerhead and stainless steel bowl  
Hand or foot operation for Eyewash  
Galvanized steel protected with BradTect corrosion-resistant yellow coating  
Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
UL classified to meet ANSI/ISEA Z358.1

**S19314LLZ**

Same features as S19314LL except with BSPP thread



**S19314LLZS**

Eyewash with plastic showerhead and stainless steel bowl  
 Hand or foot operation for Eyewash  
 All stainless steel piping  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314F**

Eyewash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314FZS**

Eyewash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 All stainless steel piping  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020

**S19314FZ**

Same features as S19314F except with BSPP thread



**S19314UU**

Eyewash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 Hand or foot operation for Eyewash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314UUZS**

Eyewash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 Hand or foot operation for Eyewash  
 All stainless steel piping  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314PDC**

Eyewash with plastic showerhead, bowl and dust cover  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1

**S19314UUZ**

Same features as S19314UU except with BSPP thread

**S19314PDCZ**

Same features as S19314PDC except with BSPP thread



**S19314PDCZS**

Eyewash with plastic showerhead, bowl and dust cover

All stainless steel piping

Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)

BSPP thread

Certified to AS4775 and AS4020



**S19314DC**

Eyewash with plastic showerhead and stainless steel bowl and dust cover

Galvanized steel protected with BradTect corrosion-resistant yellow coating

Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)

UL classified to meet ANSI/ISEA Z358.1



**S19314DCZS**

Eyewash with plastic showerhead and stainless steel bowl and dust cover

All stainless steel piping

Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)

BSPP thread

Certified to AS4775 and AS4020

**S19314DCZ**

Same features as S19314DC except with BSPP thread



**S19314FW**

Eye/face Wash with plastic showerhead and bowl  
Dual eye/face wash

Galvanized steel protected with BradTect corrosion-resistant yellow coating

Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)

UL classified to meet ANSI/ISEA Z358.1



**S19314FWZS**

Eye/face Wash with plastic showerhead and bowl  
Dual eye/face wash

All stainless steel piping

Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)

BSPP thread

Certified to AS4775 and AS4020



**S19314SBFW**

Eye/face Wash with plastic showerhead and stainless steel bowl  
Dual eye/face wash

Galvanized steel protected with BradTect corrosion-resistant yellow coating

Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)

UL classified to meet ANSI/ISEA Z358.1

**S19314FWZ**

Same features as S19314FW except with BSPP thread

**S19314SBFWZ**

Same features as S19314SBFW except with BSPP thread





**S19314SBFWZ**

Eye/face Wash with plastic showerhead and stainless steel bowl  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 Certified to AS4775 and AS4020



**S19314AC**

Eye/face Wash with Plastic showerhead and stainless steel bowl  
 Hand or foot operation for eye/face wash  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314ACZS**

Eye/face Wash with plastic showerhead and stainless steel bowl  
 Hand or foot operation for eye/face wash  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020

**S19314ACZ**

Same features as S19314AC except with BSPP thread



**S19314TT**

Eye/face Wash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314TTZS**

Eye/face Wash with plastic showerhead with stainless steel shroud and stainless steel bowl  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314SPR**

Eye/face Wash with stainless steel showerhead and bowl  
 Hand or foot operation for eye/face wash  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1

**S19314TTZ**

Same features as S19314TT except with BSPP thread

**S19314SPRZ**

Same features as S19314SPR except with BSPP thread



**S19314SPRZS**

Eye/face Wash with stainless steel showerhead and bowl  
 Hand or foot operation for eye/face wash  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314BFPB**

Eye/face Wash with plastic showerhead and bowl  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314BFPBZS**

Eye/face Wash with plastic showerhead and bowl  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 All stainless steel piping  
 Eyewash exceeds minimum water flow of 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314BFPBZ**

Same features as S19314BFPB except with BSPP thread



**S19314BF**

Eye/face Wash with plastic showerhead and stainless steel bowl  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314BFZS**

Eye/face Wash with plastic showerhead and stainless steel bowl  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314PDCFV**

Eye/face Wash with plastic showerhead, bowl and dust cover  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1

**S19314PDCFVZ**

Same features as S19314PDCFV except with BSPP thread

**S19314BFZ**

Same features as S19314BF except with BSPP thread





**S19314PDCFWS**

All stainless steel piping  
 Eye/face with plastic showerhead, bowl and dust cover  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314DCFWS**

Eye/face with plastic showerhead and stainless steel bowl and dust cover  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314DCFWS**

Eye/face with plastic showerhead and stainless steel bowl and dust cover  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020

**S19314DCFWS**

Same features as S19314PDCFWS except with BSPP thread



**S19314DCBF**

Eye/face with plastic showerhead and stainless steel bowl and dust cover  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314DCBFZ**

Eye/face Wash with plastic showerhead and stainless steel bowl and dust cover  
 Barrier-free design – fully accessible to people with physical disabilities  
 Dual eye/face wash  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19314GG**

Eye/face Wash with plastic showerhead and no bowl  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1

**S19314GGZ**

Same features as S19314GG except with BSPP thread

**S19314DCBFZ**

Same features as S19314DCBF except with BSPP thread





**S19314GGZS**

Eye/face Wash with plastic showerhead and no bowl  
 All stainless steel piping  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 BSPP thread  
 Certified to AS4775 and AS4020



**S19-310TW**

Eyewash with plastic showerhead and no bowl  
 Through-wall design  
 Galvanized steel protected with BradTect corrosion-resistant yellow coating  
 Available in three wall thicknesses:  
 S19-310TW8 0–8" (0–203 mm)  
 S19-310TW12 8–12" (203–305 mm) – standard  
 S19-310TW18 12–18" (305–457 mm)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314BFSS**

Eye/face Wash all stainless steel fixture  
 Barrier-free design – fully accessible to people with physical disabilities  
 Corrosion-resistant for harsh environments  
 Bradley's stainless steel emergency fixtures are recommended for harsh environments  
 UL classified to meet ANSI/ISEA Z358.1



**S19314FSS**

Eye/face Wash all stainless steel fixture  
 Bradley's stainless steel emergency fixtures are recommended for harsh environments  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314SC**

Eye/face Wash all stainless steel fixture  
 Bradley's stainless steel emergency fixtures are recommended for harsh environments  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314SS**

Eye/face Wash all stainless steel fixture  
 Hand or foot operation for eye/face wash  
 Bradley's stainless steel emergency fixtures are recommended for harsh environments  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**S19314BFSSZ**

Same features as S19314BFSS except with BSPP thread  
 Certified to AS4775 and AS4020

**S19314FSSZ**

Same features as S19314FSS except with BSPP thread  
 Certified to AS4775 and AS4020

**S19314SCZ**

Same features as S19314SC except with BSPP thread  
 Certified to AS4775 and AS4020

**S19314SSZ**

Same features as S19314SS except with BSPP thread  
 Certified to AS4775 and AS4020



**S19314SS16**

Eye/face Wash all stainless steel fixture  
 Fixture is all type 316 corrosion-resistant stainless steel for harsh environments  
 Bradley's stainless steel emergency fixtures are recommended for harsh environments  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1

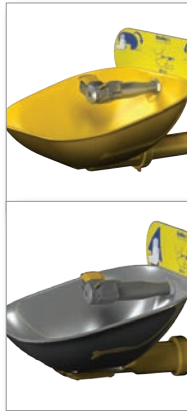
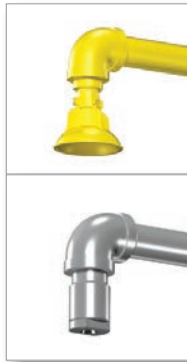
**S19314SS16Z**

Same features as S19314SS16 except with BSPP thread  
 Certified to AS4775 and AS4020



**S19-310PVC**

Eye/face Wash with plastic showerhead and bowl  
 Corrosion-resistant schedule 80PVC  
 Stainless steel valve fittings  
 Eye/face wash exceeds minimum water flow of 3 GPM (11 L/Min) at 30 psi (207 kPa)  
 UL classified to meet ANSI/ISEA Z358.1



**DRENCH SHOWERHEADS**

Bradley's drench showers are available with either a plastic or stainless steel showerhead. The plastic showerheads are high-visibility yellow and made of impact-resistant material. For the most durable showerhead, select stainless steel which stands up to corrosion and aggressive impact.



**EYE AND EYE/FACE WASH BOWLS**

Bradley's eye and eye/face wash bowls come in two different materials – plastic and stainless steel. The high-visibility plastic bowls are intended for general use. The impact-resistant plastic will stand up to regular wear and tear. For the most durable bowl, select stainless steel bowls for rugged environments, where impact and corrosion could be a problem.



**DUST COVERS**

The most effective way to keep the unit clean and functioning properly is to have a dust cover over the eye or eye/face wash. See-through plastic dust covers provide effective dust protection, but also allow for easy inspection. These covers automatically open when the eye or eye/face wash is activated. Dust covers are available as standard equipment on many eye and eye/face washes, or can be ordered as a retrofit kit.

**FOOT TREADLE**

Foot treadles provide hands-free activation for eye and eye/face washes. Foot treadles are available as standard equipment on some eye and eye/face washes, or can be ordered as a retrofit kit.

**FLOW CONTROLS**

In the interest of water conservation, each shower head features an integral 20 GPM (76 L/Min) flow control. This item must be purchased separately for most competing brands.



# S19314 Series Configurator

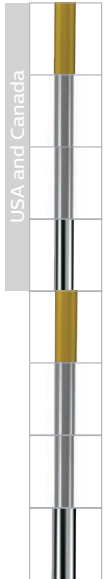
**Don't see a model that meets your application?** Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your desired product.

## 1 Configuration



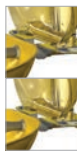
- A** 6 in (15.2 cm) Drain Height, Barrier Free
- B** 24 in (61 cm) Drain Height
- C** 24 in (61 cm) Drain Height, Barrier-Free
- O** 6 in (15.2 cm) Drain Height, Standard

## 2 Pipe Material



- A** NPT\*, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- B** NPT\*, All 304 Stainless Steel, 1.25 in (32 mm)
- C** NPT\*, All 316 Stainless Steel\*, 1.25 in (32 mm)
- D** NPT\*, Chrome-Plated, 1.25 in (32 mm)
- F** BSPP<sup>o</sup>, Yellow BradTect Galvanized Steel, 1.25 in (32 mm)
- G** BSPP<sup>o</sup>, All 304 Stainless Steel, 1.25 in (32 mm)
- H** BSPP<sup>o</sup>, All 316 Stainless Steel, 1.25 in (32 mm)
- J** BSPP<sup>o</sup>, Chrome-Plated, 1.25 in (32 mm)

## 3 Ball Valve



- 1** Stay-Open Shower and Eyewash, Chrome-Plated Brass
- 2** Stay-Open Shower and Eyewash, 316 SS

## 4 Showerhead



- A** Plastic Showerhead, 3.1 in (7.9 cm) diameter Standard
- B** Plastic Showerhead, 10 in (25.4 cm) diameter Plastic Shroud
- C** Plastic Showerhead, 10.75 in (27.3 cm) diameter Stainless Steel Shroud
- D** 304 SS High Performance Showerhead, 1.5 in (3.8 cm) diameter
- E** 316 SS High Performance Showerhead, 1.5 in (3.8 cm) diameter

## 5 Eyewash or Eye/Face Wash



- A** Halo Eyewash
- B** Halo Eye/Face Wash
- D** Halo Eyewash, 304 SS Yoke
- E** Halo Eye/Face Wash, 304 SS Yoke
- F** Halo 304 Stainless Eye/Face Wash, 304 SS Yoke\*\*\*
- G** Halo Eyewash, 316 SS Yoke
- H** Halo Eye/Face Wash, 316 SS Yoke
- J** Halo 316 Stainless Eye/Face Wash, 316 SS Yoke\*\*\*

## 6 Bowl and Dust Cover



- A** Plastic Bowl, No Dust Cover
- B** Plastic Bowl, Plastic Dust Cover
- D** 304 SS, No Dust Cover
- E** 304 SS, 304 SS Dust Cover
- F** 304 SS, Plastic Dust Cover
- G** 316 SS, No Dust Cover
- H** 316 SS, 316 SS Dust Cover
- J** 316 SS, Plastic Dust Cover
- O** No Bowl or Dust Cover

## 7 Activation



- A** 300 SS Handle
- B** 316 SS Handle
- C** 300 SS Handle with 300 SS Foot Pedal \*
- D** 300 SS Handle with 316 SS Foot Pedal \*
- E** 316 SS Handle with 316 SS Foot Pedal \*

## 8 Drench Hose and Back-flow Prevention



- A** Drench Hose Kit with Vacuum Breaker
- B** Drench Hose Kit with N9 Back-flow Preventer
- C** Drench Hose Kit with 9D Back-flow Preventer
- D** Drench Hose Kit without Back-flow Preventer
- O** No Drench Hose and No Back-flow Prevention
- Z** Drench Hose Ready

## 9 Freeze and Scald Protection



- N** Anti-Freeze Valve
- P** Anti-Scald Valve
- R** Anti-Freeze and Anti-Scald Valves
- O** No Anti-Freeze Valve and No Anti-Scald Valve
- Z** Anti-Freeze and Anti-Scald Valve Ready

▶ NPT (National Pipe Thread).

◊ BSPP (British Standard Pipe Parallel Threads)

\* Not available with barrier-free configurations.

\*\* Self-closing valves are not ANSI/ISEA Z358.1 compliant.

\*\*\*Must select stainless steel pipe and ball valve when stainless steel eye/face wash is required.

Fill in 1 through 9 to specify the Halo model and configuration for your desired project:

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
S	1	9	3	1	4				

## S19-304 Series

### Overview

Bradley Heat Trace Showers are engineered to ensure water doesn't freeze in the fixture, down to -50°F (-46°C). These durable freeze protected showers help keep employees safe in extreme, frigid environments. The high-visibility fixture is insulated and covered by a yellow plastic shell, it features an integral freeze protection bleed valve, and is electrically rated for use in General Area, Class I Division 2, Class I Division 1, and Class II Division 1 and 2 locations.

Heat trace fixtures are available with an optional signaling system, indicator light, extension cable, drench hose, stainless steel material, and anti-scald valve.

### Key Features

- General area and hazardous location models
- Freeze protection valve ensures continual flow of water should power fail
- SpinTec showerhead improves water distribution
- Halo Eyewash technology delivers the most effective washdown coverage
- Bowl and dust cover always included
- Classified by Underwriters Laboratories Inc to ANSI Z358.1

### Emergency Fixture Facts

In geographic areas where an emergency fixture may freeze, safety personnel should consider purchasing a freeze-protected fixture or additional accessories to prevent the pipes from freezing. ANSI/ISEA Z358.1 Section 6.4.5



Model S19-304GATL  
General Area with  
Indicator Lights

### Recommended Emergency TMV

#### Navigator® EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





### S19-304GAT

For use in general areas where temperatures fall below freezing  
 120 VAC protects until from freezing down to -50° F (-46°C)  
 1 ¼" NPT (top supply)  
 1 ¼" galvanized steel pipe  
 3.1" (78.7mm) diameter, impact-resistant plastic SpinTec Showerhead  
 Halo Eye/Face Wash  
 ABS Plastic Halo Eye/Face Wash  
 Ergonomic hand activation Eyewash paddle

### S19-304GAB

Same features as S19-304GAT except with bottom water supply



### S19-304GATL

For use in general areas where temperatures fall below freezing  
 120 VAC protects until from freezing down to -50° F (-46°C)  
 1 ¼" NPT (top supply)  
 1 ¼" galvanized steel pipe  
 3.1" (78.7mm) diameter, impact-resistant plastic SpinTec Showerhead  
 Halo Eye/Face Wash  
 ABS Bowl and dust cover (transparent cover)  
 Ergonomic hand activation Eyewash paddle  
 General Area Indicator Lights

### S19-304GABL

Same features as S19-304GATL except with bottom water supply



### S19-304D2T

For use in Class I Division 2 areas where temperatures fall below freezing  
 120 VAC protects until from freezing down to -50° F (-46°C)  
 1 ¼" NPT (top supply)  
 1 ¼" galvanized steel pipe  
 3.1" (78.7mm) diameter, impact-resistant plastic SpinTec Showerhead  
 Halo Eye/Face Wash  
 ABS Plastic Halo Eye/Face Wash  
 Ergonomic hand activation Eyewash paddle

### S19-304D2B

Same features as S19-304GAT except with bottom water supply



### S19-304D2TL

For use in Class I Division 2 areas where temperatures fall below freezing  
 120 VAC protects until from freezing down to -50° F (-46°C)  
 1 ¼" NPT (top supply)  
 1 ¼" galvanized steel pipe  
 3.1" (78.7mm) diameter, impact-resistant plastic SpinTec Showerhead  
 Halo Eye/Face Wash  
 ABS Plastic Halo Eye/Face Wash  
 Ergonomic hand activation Eyewash paddle  
 Class I Division 2 Indicator Lights

### S19-304D2BL

Same features as S19-304D2TL except with bottom water supply

## S19-304 SERIES FEATURES

- Electric heat trace cable:
  - Thermal rating 5 watts/foot
  - Self regulated to -50°F (-45.5°C)
  - Protects against overheating and cold spots
- ¾" (19 mm) polyethylene pipe insulation
- Insulated and covered by high-visibility yellow ABS plastic shell
  - Easy to maintain
  - Six easy-to-remove sections
- NEMA 4X rated electrical enclosure
- Signaling Systems can be easily added to all units
- Thermostat opens at 64°F (18°C) and closes at 54°F (12°C)
- Four-hub, aluminum junction box accepts ¾" (19 mm) conduit for hazardous locations
- Plastic junction box with one extra ¾" conduit hole for General Area locations
- Freeze valve opens at 35°F (2°C) internal water temperature to prevent freezing
- Stainless steel pull rod with triangular handle
- Chrome-plated brass, stay-open ball valve
- ½" (13 mm) Eyewash valve
- 1" (25 mm) shower valve
- UL Plumbing listed to meet ANSI/ISEA Z358.1
- CSA electrical certification for use in United States and Canada (CCSAus)

Standard selections are in bold. Selection should be made in each category. Incoming supply (top or bottom) must be indicated.

### ELECTRICAL CLASS

- GA General Area
- D2 Class I Div 2 – Groups B, C, D**
- D1 Class I Div 1 – Groups C, D
- C2 Class II Div 1 and 2– Groups E, F & G

### VOLTAGE

- V1 120V**
- V4 240V

### WATER SUPPLY

- T Top Supply
- B Bottom Supply

### PIPE AND BALL VALVE MATERIAL

- GLV Galvanized Pipe and Chrome-Plated Brass Ball Valve**
- 304 304SS Pipe, 316 SS Ball Valve
- 316 316SS Pipe, 316 SS Ball Valve

### SHOWERHEAD

- SH ABS Plastic Showerhead**
- SHP ABS Plastic Showerhead with Plastic Shroud
- SHS ABS Plastic Showerhead with SS Shroud
- S04 304 SS Showerhead
- S16 316 SS Showerhead

### EYEWASH

- EW ABS Plastic Eyewash Only Aluminum Yoke
- FW ABS Plastic Eye/Face Wash, Aluminum Yoke**
- F04 304 SS Eye/Face Wash, 304 SS Yoke\*
- F16 316 SS Eye/Face Wash, 316 SS Yoke\*

### BOWL AND COVER

- PP Plastic Bowl and Cover**
- B04 304 SS Bowl and Cover
- P04 304 SS Bowl and Plastic Cover
- B16 316 SS Bowl and Cover
- P06 16 SS Bowl and Plastic Cover

### ACTIVATION

- HA 300 Series Handle Activation**
- H16 316 SS Handle Activation
- HF 300 Series Handle & Foot Activation
- HF16 316SS Handle and Foot Activation

### INDICATOR LIGHT

- O No Light**
- L General Area Light
- D2L Class I, Division 2 Light
- D1L Class I, Division 1 Light
- C2L Class II Light

### DRENCH HOSE

- O No Drench Hose**
- H Drench Hose

### ANTI-SCALD VALVE

- O No Anti-Scald Valve**
- S Anti-Scald Valve

### EXTENSION CABLE

- O No Extension Cable**
- E Extension Cable

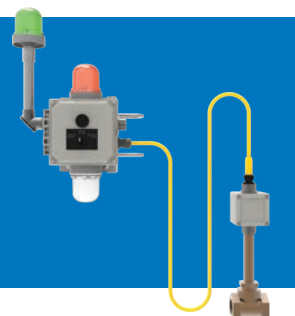
*\*Must select stainless steel yoke if ordering 304 or 316 stainless steel pipe.*

Additional product information, including Technical Data and Installation Instructions, are available online at [bradleycorp.com](http://bradleycorp.com)

### Recommended Option:

#### S19-324 Series Signaling Systems (pg 54)

According to ANSI guidelines, audible signaling systems may be a desirable accessory to audibly or electronically alert safety personnel that an emergency occurred. (ANSI/ISEA Z358.1)





# INDOOR & OUTDOOR MODELS

## Overview

Protect your people from extreme environments with a customized safety solution. Turnkey shower, Eyewash and drench hose systems offer an injured party a humane triage experience. Enclosed safety systems address the physical and psychological needs of the injured party by providing privacy, delivering warm water, warm ambient temperature and a shelter from the elements. Armed with a fire-rated insulated fiberglass structure, tepid water delivery capabilities, and reliable chemical and corrosion resistance, Bradley's enclosed safety shower provides superior washdown capability in emergency situations, while withstanding harsh chemicals.

## Key Features

- Innovative drenching technology featuring:
  - SpinTec showerhead for improved water distribution
  - Halo rinsing platform
- **Superior design standards:**
  - Fiberglass-Reinforced Plastic
  - R-8 insulation rating
  - Indoor and Outdoor models
- **Premium features come standard:**
  - Integral drain
  - Portable
  - Drench hose
- Flame-retardant resin with a Class 1 Flame Spread Index per ASTM E-84
- 100% fiberglass surround construction highly resistant to chemicals and corrosion
- Ideal for both indoor and outdoor applications
- Custom engineered systems available

## Emergency Fixture Facts

Safety systems with multiple drenching platforms, (Shower, Eye/Face Wash and Drench Hose) must be capable of simultaneous activation while delivering tepid water for a duration of 15 minutes. ANSI/ISEA Z358.1 Section 7.4.4

An enclosure is recommended to protect against cold ambient temperatures. ANSI/ISEA Z358.1 Appendix B6



S19372

## INDOOR ENCLOSED SAFETY SHOWERS

### S19372 SERIES

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Tepid water inlet



S19388

## OUTDOOR ENCLOSED SAFETY SHOWERS

### S19382 SERIES

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Tepid water inlet

### S19384 SERIES

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Hot water tank

### S19387 SERIES

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Self-contained

### S19388 SERIES

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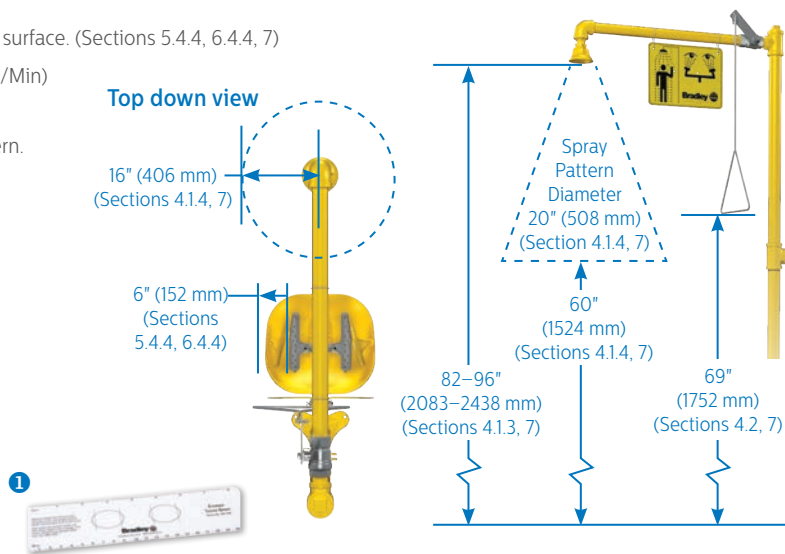
Tankless hot water heater



# Quick Compliance Guide

## Enclosed Safety Showers

- Colder ambient temperature may require an enclosure for added protection. (Section B6)
- Valve mechanism opens in one second or less; it stays open until manually closed. (Sections 4.2, 5.2, 6.2, 7.1.1, 7.1.2, 7.1.3)
- Drench shower and eye or eye/face wash must operate simultaneously. (Section 7.4.4)
- Supply with flushing fluid (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”). (Definitions, Sections 4.1.1, 4.4.1, 5.1.1, 6.1.1, 7.1.2, 7.1.3)
- Locate 10 seconds or 55' (16.8 m) from contaminants or hazardous materials. Locate on same plane as the hazard, free of obstructions. (Sections 4.5.2, 5.4.2, 6.4.2, 7.1.1, 7.1.2, 7.1.3, 7.4.2, Appendix B5)
- Must resist corrosion in the presence of flushing fluid (Sections 4.1.5, 5.1.5, 6.1.5, 7.1.1, 7.1.2, 7.1.3)
- Protect eye and eye/face wash heads from contaminants. (Sections 5.1.3, 6.1.3, 7.1.2, 7.1.3)
- Requires a 16" (406 mm) radius from the center of the drench shower spray pattern to be free of obstructions. (Sections 4.1.4, 7.1.1)
- Required to be free of obstructions a minimum of 6" (152 mm) from the outside of the eye or eye/face wash sprayheads. (Sections 5.4.4, 6.4.4, 7.1.2, 7.1.3)
- Eye/face wash nozzle height 33–45" (83.8–114.3 cm) from standing surface. (Sections 5.4.4, 6.4.4, 7)
- Flow Rates: An eye/face wash delivers a minimum of 3.0 GPM (11 L/Min) for 15 minutes. (Sections 6.1.6, 7.1.3)
- Use flow meter to check flow rate; use test gauge to test flow pattern. (Sections 5.1.8, 5.3.1, 6.1.7, 6.3, 7.1.2, 7.1.3)
- Use a Bradley test gauge (Model 269-1444) to check flow pattern. ❶
- Environmental conditions often require freeze or scald protection equipment. (Sections 4.5.5, 5.4.5, 6.4.5, 7.1.1, 7.1.2, 7.1.3)



15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant showers release a continuous flow of at least 20 GPM (76 L/Min) of tepid flushing fluid for a period of at least 15 minutes. (Sections 4.1.4, 4.4.1, 4.5.5, 4.5.6, 7.1.1) Compliant eye or eye/face wash fixture releases a continuous flow of flushing fluid for a minimum of 15 minutes. (Sections 5.1.6, 5.4.5, 5.4.6, 6.1.6, 6.4.5, 6.4.6, 7.1.2, 7.1.3)	(Lukewarm) 60–100°F (15.6–37.8°C) encourages full 15-minute flush or until medical personnel arrive. (Definitions, Sections 4.5.6, 5.4.6, 6.4.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 4.6.2, 5.5.2, 6.5.2, 7.5.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Section 7.5.5) (Section 4.6.5)



# Electric Tankless Water Heater Eye/Face Wash and Shower Models

## Overview

The safety of your employees is paramount. Bradley electric tankless water heaters **POWERED BY KELTECH®** are engineered to ensure that water temperature is just right – not too hot, not too cold. Under constant flow and pressure, temperatures stay within  $\pm 1^\circ\text{F}$  of set point. If the flow rate changes drastically, there is no need to worry about being scalded. These units sense the transition and purge latent heat, keeping the output temperature below  $90^\circ\text{F}$  ( $32^\circ\text{C}$ ). A separate set of circuits monitors for “over temperature” conditions. Large internal passageways minimize pressure drop.

These units perform on demand for efficient energy usage. Unlike boilers, tankless water heaters only draw energy when needed. Utility costs are minimized because there is no need to keep a 300 gal (1136 L) tank heated 24/7/365. Easy to install – just add water and power. All you need is one electrical connection and a cold water line. All models are precision-engineered with materials, such as copper tubing and robust brass castings, that exceed the standards of any application – anywhere in the world.

## Key Features

- No need to keep a 300 gal (1136 L) tank heated 24/7/365
- Easy to install – just add water and power. All you need is one electrical connection and a cold water line
- Under constant flow and pressure, temperatures stay within  $\pm 1^\circ\text{F}$  of set point
- Precision systems custom engineered to fit your application
- Meets ANSI/ISEA Z358.1 standards and third-party verified to UL/CSA standards
- Only electric tankless tempering systems that can be ASME and NB certified
- Optional features include NEMA 4X stainless steel enclosures, explosion proof purge system, and freeze protection to  $-20^\circ\text{F}$  ( $-28^\circ\text{C}$ )

## Emergency Fixture Facts


ANSI requires that an emergency fixture be supplied with tepid flushing fluid between  $60\text{--}100^\circ\text{F}$  ( $15.5\text{--}37.7^\circ\text{C}$ ) to avoid premature cessation of the recommended 15 minute flush. ANSI/ISEA Z358.1 Section 7.4.5, Appendix B6

**Brass/Copper heat exchangers meet NSF/ANSI 372**

**ASME Certification: Units 63 kW and higher are the only electric tankless water heaters registered with the National Board and certified with the HLW stamp**

For information contact your Bradley Representative or visit [bradleycorp.com](http://bradleycorp.com)

## CLE SERIES

**kW Range 18 – 25 kW** 

**Flow Range 0.75 – 10 GPM (3 – 37.8 L/Min)** 

**Standard Voltages 480V, 600V 3-Phase Delta** 

Temperature output fixed at 80°F (27°C)

Meets the ANSI/ISEA Z358.1 standards

Provide continuous tepid water for multiple incidents with zero recovery time and custom-tuned for minimal overshoot

85,000 - 170,000 BTUs

Manual reset cutoff

Auto reset high limit switch

Liquid-cooled solid state relays

NEMA 4 enclosure

Wall- or floor-mounted

¾" (19 mm) connections

ETL and cETL certified to

UL and CSA Standards

Temperature safety values:


Controller alarm 90°F (32°C)


Auto reset high limit switch 95°F (35°C)

Manual reset cutoff 100°F (38°C)



## SNA SERIES

**kW Range 36 – 144 kW** 

**Flow Range 1.5 – 50 GPM (5.7 – 189.2 L/Min)** 

**Standard Voltages 480V, 600V 3-Phase Delta** 

Temperature output fixed at 80°F (27°C)

Meets the ANSI/ISEA Z358.1 standards

Provide continuous tepid water for multiple incidents with zero recovery time and custom-tuned for minimal overshoot

Dual flow activation for reduced overshoot and energy savings

122,800 – 491,300 BTUs

Manual reset cutoff

Auto reset high limit switch

Door cutoff switch

Emergency stop button

Liquid-cooled solid state relays

NEMA 4 enclosure

Floor-mounted

1¼" (32 mm) connections

ETL and cETL certified to

UL and CSA Standards

Temperature safety values:

Controller alarm 90°F (32°C)

Auto reset high limit switch 95°F (35°C)

Overshoot purge 95°F (35°C)

Manual reset cutoff 100°F (38°C)



## S19361

Pre-assembled safety fixture and SNA heater skid system

Halo™ Eye/Face Wash and SpinTec™ Drench Shower

54 - 144 kW (491,300 BTUs)

Molded Duragrate® and integrated shower pan

Temperature overshoot purge system

NEMA 4 enclosure standard

AL3 building communication alarm included

Dual Flow Heater Activation  
(Eye/Face Wash and/or Shower)

Internal fusing (included) adds safety and permits single power connection

Controller-locked temperature setting, output fixed at 80°F (27°C)

Meets ANSI/ISEA Z358.1 standards

ETL and cETL certified to UL and CSA Standards

Emergency stop button and door cutoff switch



## S19361HF

Pre-assembled, freeze-protected safety fixture and SNA heater skid system

Bradley Halo Heat Trace S19-304 with SpinTec™

54 - 144 kW (491,300 BTUs)

Molded Duragrate® and integrated shower pan

Temperature overshoot purge system

NEMA 4 heat enclosure standard

AL3 building communication alarm option included

Dual Flow Heater Activation  
(Eye/Face Wash and/or Shower)

Internal fusing (included) adds safety and permits single power connection

Controller-locked temperature setting, output fixed at 80°F (27°C)

Meets ANSI/ISEA Z358.1 standards

ETL and cETL certified to UL and CSA Standards

Emergency stop button and door cutoff switch





# Emergency Thermostatic Mixing Valves

## Overview

Bradley's Navigator® emergency thermostatic mixing valves provide tepid water (60–100°F/15.5°–37.7°C) by mixing cold and hot water to a predetermined temperature. Tepid water encourages injured workers to remain beneath the deluge of water released from the emergency fixture, for the entire ANSI required 15-minute flush. ANSI/ISEA Z358.1-1998 first required tepid water and the 2004 standard outlined that definition of the temperature range in its appendix. Each Navigator Emergency TMV features a fixed cold-water bypass that will allow cold water to flow should the hot water exceed the predetermined temperature reflecting Bradley's commitment to customers, quality and its dedication to manufacturing quality products that protect your employees.

## Key Features

- Reliable, liquid-filled thermostat
- Accurate temperature control to within ±3°
- Dial thermometer
- Checkstops on inlets
- Built-in cold water bypass
- Positive shut-off of hot supply when cold supply is lost
- Dirt and lime resistant
- Factory assembled and tested
- Universal mounting capability
- Valves are preset at 85°F (29°C) and are adjustable from 65°F (18°C) to 95°F (35°C)
- All items comply with ANSI/ISEA Z358.1



S19-2000 EFX8



S19-2150 EFX20



S19-2010



S19-2350 EFX120

## Emergency Fixture Facts

ANSI requires that an emergency fixture be supplied with tepid flushing fluid between 60–100°F (15.5°–37.7°C). ANSI/ISEA Z358.1 Section 7.4.5, Appendix B6

## THERMOSTATIC MIXING VALVES

S19-2000 *	7 GPM (26 L/Min) @ 30 psi (207 kPa)	Accommodates one Eyewash or Eye/Face Wash
<b>NEW!</b> S19-2010	7 GPM (26 L/Min) @ 30 psi (207 kPa)	Accommodates one Eyewash or one Swing Activated Faucet Eyewash
S19-2100	26 GPM (98 L/Min) @ 30 psi (207 kPa)	Accommodates one Combination Shower, one Drench Shower or multiple Eyewashes
S19-2150 *	19.5 GPM (74 L/Min) @ 30 psi (207 kPa)	Accommodates one drench shower or multiple Eyewashes
S19-2200	53.5 GPM (203 L/Min) @ 30 psi (207 kPa)	Accommodates up to two Combination Showers, two Drench Showers or multiple Eyewashes
S19-2250 *	48 GPM (182 L/Min) @ 30 psi (207 kPa)	Accommodates one Combination Shower, up to two Drench Showers or multiple Eyewashes
S19-2300	82 GPM (310 L/Min) @ 30 psi (207 kPa)	Accommodates up to three Combination Showers, three Drench Showers or multiple Eyewashes
S19-2350 *	72.5 GPM (274 L/Min) @ 30 psi (207 kPa)	Accommodates up to two Combination Showers, three Drench Showers, or multiple Eyewashes

ANSI Standard Z358.1 requires tempered water supply. Ratings provided at 30 psi (207 kPa), the minimum pressure required by ANSI/ISEA Z358.1 to be supplied to Eyewash, eye/face wash and combination units. Reference Bradley's Technical Data Sheets for a full listing of flow capacities.

\* ASSE 1071 and cUPC certified

## Additional Product Options

### FINISH

R	Rough Brass (Standard)
C	Chrome-plated

### PIPED ASSEMBLY

P*	Piped assembly with inlet and outlet shutoff
N*	Piped assembly only

### CABINETS

SS	Surface-mounted stainless steel
RS	Recessed stainless steel
SE	Surface-mounted white enamel
RE	Recessed white enamel
W	Plexiglas® window in door

\* Option not available with S19-2000. Standard with cabinet-mounted valves.

## NAVIGATOR SKID SYSTEMS

The Bradley Navigator Skid is engineered for industrial applications that need a skid-mounted, TMV based tepid water system. The flexible design allows for recirculation system, booster pump, and larger storage tank options. One supply inlet and one power supply connection provide a tepid water system for one or more emergency Eyewash or drench showers.

### NEW! S19-T120

208V, 240, 277 or 480V Supply Voltage

**119-gallon Hot Water Tank**  
**4.8 gallon expansion tank**

### NTS1

General Area or Class I Division 2 Electrical Class

208V, 240, or 480V Supply Voltage

**119-gallon standard or ASME Hot Water Tank**  
**Optional Pressure Booster Pump, Recirculation Pump,  
Return Line, and Aquastat**

### NTS2

General Area or Class I Division 2 Electrical Class

208V, 240, or 480V Supply Voltage

**318-gallon ASME Hot Water Tank**  
**Optional Pressure Booster Pump, Recirculation Pump,**







# Emergency Signaling Systems

## Overview

Whether your intent is to prevent vandalism caused by false activations, or to be sure your safety team and medical personnel are notified during an emergency, signaling systems may be the solution. Each Bradley signaling system is equipped with a double pole, double throw flow switch. To complement the audible and visual indicator, each flow switch and central control board provides extra sets of contacts necessary to connect the fixture to a central control system that monitors the fixture. Signaling systems provide peace of mind, they discourage vandals, yet notify safety personnel when and where an emergency occurs.

## Key Features

- Automatic, audible and visual system
- Signal light and horn activate when shower or Eyewash is activated; pre-assembled
- Optional beacon or area lights
- Optional silence switch with auto reset
- Universal AC Input: 90-264 AC, 50-60 Hz
- Requires a minimum of 2.4 GPM (9 L/Min) water flow to activate
- ½" (13 mm) or 1¼" (32mm) NPT inlet piping
- Double pole, double throw flow switch

## Emergency Fixture Facts

According to ANSI guidelines, audible signaling systems may be a desirable accessory to audibly or electronically alert safety personnel that an emergency occurred. ANSI/ISEA Z358.1, Appendix B4

Don't see the product you are looking for? Go to pages 58–60 to use the S19-324 Configurators



## S19-322 SERIES

- Recessed signaling system
- Automatic, audible and visual signal system
- Signal light and horn activate when shower or eye wash is activated; preassembled
- ½" (13mm) or 1¼" (32mm) NPT inlet piping
- Double pole, double throw flow switch
- For indoor applications
- Universal AC Input: 90-264 AC, 50-60 Hz
- NEMA 1 signaling system



**S19-322E**

UL listed ½" (32mm) flow switch  
Flashing amber LED signal light  
For eye or eye/face washes



**S19-322D**

UL listed 1¼" (32mm) flow switch  
Flashing amber LED signal light  
For drench showers or combination units

## S19-323 SERIES

- Automatic, audible and visual signaling system
- Signal light and horn activate when Eyewash or shower is activated; preassembled
- Requires a minimum of 2.4 GPM (9 L/Min) water flow to activate
- ½" (13 mm) or 1¼" (32mm) NPT inlet piping
- Double pole, double throw flow switch
- For indoor and outdoor applications
- Extra set of contacts on central control board
- 6' (1.8 m) cable
- Universal AC Input: 90-264 AC, 50-60 Hz
- NEMA 3R signaling system



**S19-323E**

UL listed ½" (13 mm)  
brass flow switch  
For eye or eye/face wash  
Amber signal light



**S19-323D**

UL listed 1¼" (32mm)  
brass flow switch  
For drench shower or combination units  
Amber signal light

## S19-324 SERIES

- Automatic, audible and visual signaling system
- Signal light and horn activate when eye wash or shower is activated; pre-assembled
- Requires a minimum of 2.4 GPM (9 L/Min) water flow to activate
- ½" (13 mm) or 1¼" (32mm) NPT inlet piping
- Double pole, double throw flow switch
- For indoor and outdoor applications
- Extra set of contacts on central control board
- Universal AC Input: 90-264 AC, 50-60 Hz



**S19-324E**

Brass UL listed ½" (13mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 For eye or eye/face wash  
 Silence switch with auto reset  
 Amber signal light



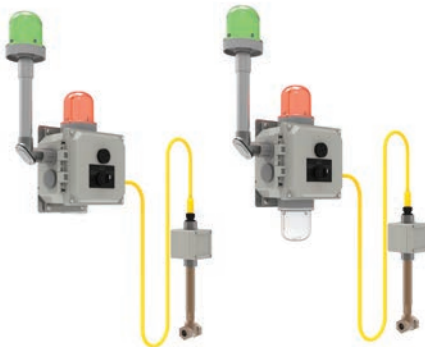
**S19-324D**

Brass, UL listed 1¼" (32 mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 For drench showers or combination units  
 Silence switch with auto reset  
 Amber signal light



**S19-324DG, S19-324DGW**

Brass UL listed 1¼" (32 mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 Silence switch with auto reset  
 Green beacon light  
 White area light (S19-324DGW only)  
 For drench showers or combination units  
 Amber signal light



**S19-324EG, S19-324EGW**

UL listed ½" (13mm) brass flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 Silence switch with auto reset  
 Green beacon light  
 White area light (S19-324EGW only)  
 For eye wash or eye/face washes  
 Amber signal light



**S19-324D2D**

Explosion-Proof Emergency Signaling System  
 (Class 1 Division 2, Groups B, C & D)  
 NEMA 4X  
 Brass UL listed 1¼" (32 mm) flow switch  
 For drench shower or combination units  
 Amber signal light  
 S19-324D2DHT for S19-304 heat  
 trace combination units



**S19-324D1D**

Explosion-Proof Emergency Signaling  
 System (Class 1 Division 1, Groups C & D)  
 NEMA 4X  
 Brass UL listed 1¼" (32 mm) flow switch  
 For drench shower or combination units  
 Amber signal light  
 S19-324D1DHT for S19-304 heat  
 trace combination units

## FLOW SWITCHES

**S19-319B2**

Brass

1/2" (13 mm) NPT

Activates Eyewash and  
eye/face wash units**S19-319B4**

Brass

1 1/4" NPT

Activates combination units

**S19-319S2**

Stainless Steel

1/2" (13 mm) NPT

Activates Eyewash and  
eye/face wash units**S19-319S4**

Stainless Steel

1 1/4" NPT

Activates combination units









For availability on a brass or stainless steel flow switch only,  
contact Bradley Customer Service at 800-BRADLEY (800.272.3539)

# S19-324 Series Configurator

Don't see a model that meets your application? Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your desired product.

## Model S19-324

General Area, NEMA4X, Signal System

	<p><b>1</b> Fixture Configuration</p> <p><b>EF</b> Eye or Eye/Face Wash</p> <p><b>DC</b> Drench or Combination</p> <p><b>HT</b> Halo Heat Trace Combination Unit*</p>		<p><b>5</b> Signal Light</p> <p><b>SA</b> Amber (Flashing)</p> <p><b>SR</b> Red (Flashing)</p>
	<p><b>2</b> Activation</p> <p><b>BS</b> Brass Flow Switch</p> <p><b>SS</b> Stainless Steel Flow Switch</p>		<p><b>6</b> Beacon Light</p> <p><b>0</b> None</p> <p><b>BG</b> Green (Steady)</p> <p><b>BB</b> Blue (Steady)</p>
	<p><b>3</b> Horn Sound</p> <p><b>TN1</b> Tone 1</p> <p><b>TN2</b> Tone 2</p> <p><b>TN3</b> Tone 3</p>		<p><b>7</b> Area Light (Steady)</p> <p><b>0</b> None</p> <p><b>AW</b> White (Steady)</p> <p><b>AR</b> Red (Steady)</p>
	<p><b>4</b> Silence Switch</p> <p><b>0</b> None</p> <p><b>PM</b> Panel Mount</p> <p><b>FM</b> Flex Mount with 15' Cable</p>		<p><b>8</b> Cable Length (Flow Switch to Signaling System)</p> <p><b>C6</b> 6' Cable</p> <p><b>C12</b> 12' Cable</p> <p><b>C50</b> 50' Cable</p>

\* Signaling system can only be mounted to new style S19-304 Halo Heat Trace Combination Unit

Fill in 1 through 8 to specify the model and configuration for your desired project:

						<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
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







# S19-324D2 Series Configurator

**Don't see a model that meets your application?** Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your desired product.

## Model S19-324D2

Class I, Division 2, Groups B, C, and D Signal System

 	<p><b>1</b> Fixture Configuration</p> <p><b>EF</b> Eye or Eye/Face Wash</p> <p><b>DC</b> Drench or Combination</p> <p><b>HT</b> Halo Heat Trace Combination Unit*</p>	 	<p><b>6</b> Signal Light</p> <p><b>SA</b> Amber (Flashing)</p> <p><b>SR</b> Red (Flashing)</p>		<p><b>9</b> Cable Length</p> <p><b>C6</b> 6' Cable</p> <p><b>C12</b> 12' Cable</p> <p><b>C50</b> 50' Cable</p>
 	<p><b>2</b> Activation</p> <p><b>BS</b> Brass Flow Switch</p> <p><b>SS</b> Stainless Steel Flow Switch</p>	 	<p><b>7</b> Beacon Light</p> <p><b>0</b> None</p> <p><b>BG</b> Green (Steady)</p> <p><b>BB</b> Blue (Steady)</p>		
	<p><b>3</b> Horn Sound</p> <p><b>TS</b> Standard Single Tone</p> <p><b>TM</b> Multi-Tone (Installer Mounted)</p>	 	<p><b>8</b> Area Light</p> <p><b>0</b> None</p> <p><b>AW</b> White (Steady)</p> <p><b>AR</b> Red (Steady)</p>		
	<p><b>4</b> Silence Switch</p> <p>* For use in gas groups C, D only</p> <p><b>0</b> None</p> <p><b>RS</b> Reset Switch</p>				

\* Signaling system can only be mounted to new style S19-304 Halo Heat Trace Combination Unit

Fill in 1 through 9 to specify the model and configuration for your desired project:

S	1	9	3	2	4	D	2	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>





## S19-460, S19-430 and S19-440 Series

### Overview

Bradley deck-mounted or wall-mounted, dual head drench hoses qualify as an Eyewash when installed according to the ANSI/ISEA Z358.1 guidelines for Eyewashes. A dual head drench hose may be used to flush the eyes or body. In contrast, several single head drench hose models exist exclusively for the purpose of serving as auxiliary safety equipment during an emergency. Single head drench hoses may be deck-mounted, wall-mounted or installed as a retrofit in line with an already existing Eyewash or drench shower in particularly hazardous locations.

### Key Features

- Plastic eye/face wash sprayheads
- 8' (2.4 m) drench hose standard (except where noted)
- Squeeze-activated handle (except where noted)
- Locking clip – continuous water flow once activated
- Deck-mounted models include deck mounting hardware
- Wall-mounted models include wall mounting hardware (except where noted)
- All items comply with ANSI/ISEA Z358.1

### Emergency Fixture Facts

Dual head drench hoses may take the place of a traditional Eyewash if it complies with all Eyewash performance requirements in Section 5 and/or Section 6 of the standard such as being mounted 6" (152 mm) from any obstruction and 33-53" (838-1346 mm) from the top of the spray pattern to the floor.

ANSI/ISEA Z358.1 Section 8.2.1

### Back-flow Preventers

To select the appropriate back-flow preventer, check with local governing authorities on local codes and ordinances.

## Recommended Emergency TMV

### Navigator EFX 8 (S19-2000)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.



# Quick Compliance Guide

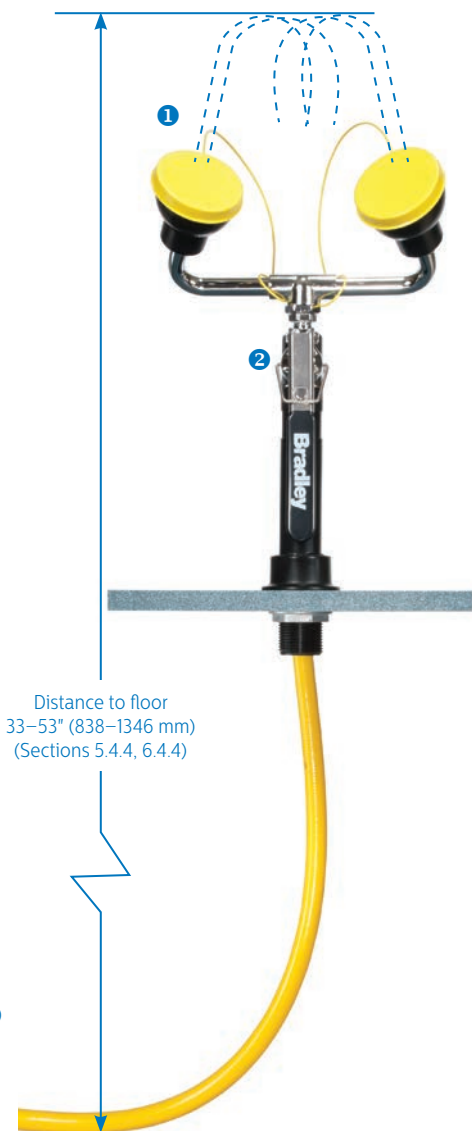
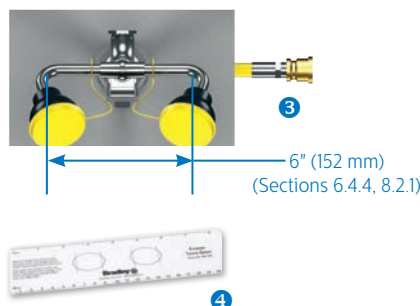
## Dual Head Eye/Face Wash & Drench Hose

- Considered an eye/face wash if it complies with the installation and performance requirements of the eye/face wash standard. (Sections 6, 8.2.1)
- Single-head drench hoses complement the 15-minute flush provided by a primary ANSI/ISEA Z358.1 compliant Eyewash fixture. (Section 8)
- Valve mechanism opens in one second or less; it stays open until manually closed. (Sections 6.2, 8.2.1)
- Fixtures compliant as an eye/face wash must remain “on” once activated (Sections 6.2, 8.2.1) **1**
- Supply with flushing fluid (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”) (Definitions, Sections 6.1.1, 8.2.1) **2**
- Locate 10 seconds or 55’ (16.8 m) from contaminants or hazardous materials. Locate on same plane as the hazard, free of obstructions. (Section 6.4.2, Appendix B5)
- Protect unit heads from contaminants. (Sections 6.1.3, 8.2.1)
- Flow Rates: Eye/face wash unit delivers a minimum of 3.0 GPM (11 L/Min) for 15 minutes. (Section 6.1.6, 8.2.1)
- Use a flow meter to test flow rate; use a test gauge to test flow pattern. (Sections 6.1.7, 6.3, 8.2.1)

### Top down view

Required to be free of obstructions a minimum of 6" (152 mm) from the outside of the eye or eye/face wash sprayheads. (Sections 6.4.4, 8.2.1) **3**

Use a Bradley test gauge (Model 269-1444) to check flow pattern. **4**



15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant fixtures release a continuous flow of tepid flushing fluid for a minimum of 15 minutes. (Sections 6.1.6, 6.4.5, 6.4.6, 8.2.1)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15 minute flush or until medical personnel arrive. (Definitions, Sections 6.4.6, 8.2.1, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 6.5.2, 8.2.1, 8.2.4.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Sections 6.5.5, 8.2.4.5)

## DECK-MOUNTED DRENCH HOSES

**S19-460**

Single vertical sprayhead  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

**S19-465**

Single angled sprayhead  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

**S19-460EFW**

Dual vertical sprayheads  
UL classified to meet  
ANSI/ISEA Z358.1

**S19-465EFW**

Dual angled sprayheads  
UL classified to meet  
ANSI/ISEA Z358.1

## WALL-MOUNTED DRENCH HOSES

**S19-430A**

Single vertical sprayhead  
8' (2.4 m) yellow thermoplastic hose  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

**S19-430D**

Single vertical sprayhead  
6' (1.8 m) flexible stainless steel hose  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

## RETROFIT DRENCH HOSES

**S19-430EH**

Single head drench hose  
Retrofits to most eye or eye/  
face wash fixtures  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

**S19-430SH**

Single head drench hose  
Retrofits to most drench  
showers or combination units  
UL classified to meet ANSI/  
ISEA Z358.1 as a supplemental  
Eyewash only

## WALL-MOUNTED DRENCH HOSES WITH RECOIL HOSE



### S1944011ABC

Dual vertical sprayheads  
ANSI-compliant eye/face wash  
12' (3.7 m) recoiling hose  
Squeeze handle activated  
UL classified to meet ANSI/ISEA Z358.1



### S1944011CBC

Single vertical sprayhead  
12' (3.7 m) recoiling hose  
Squeeze handle activated  
UL classified to meet ANSI/ISEA Z358.1  
as a supplemental Eyewash only



### S19440022ABC

Dual vertical sprayheads  
ANSI-compliant eye/face wash  
12' (3.7 m) recoiling hose  
Paddle activation handle  
UL classified to meet ANSI/ISEA Z358.1

### S1944011BBC

Dual angled sprayheads  
ANSI-compliant eye/face wash  
12' (3.7 m) recoiling hose  
Squeeze handle activated  
UL classified to meet ANSI/ISEA Z358.1

### S1944011CBD

Single vertical sprayhead  
25' (7.6 m) recoiling hose  
Squeeze handle activated  
UL classified to meet ANSI/ISEA Z358.1  
as a supplemental Eyewash only

## BACK-FLOW PREVENTERS

To select the appropriate back-flow preventer, check with local governing authorities on local codes and ordinances.



### S27-303

Dual check valve, Series 7



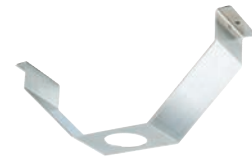
### S45-2310

Dual check vacuum breaker  
with intermediate atmospheric  
vent, Series 9D



### S45-2309

Dual check vacuum breaker with  
atmospheric vent, Series 9



### 140-226

Hose guide bracket  
Mounts under the deck  
to guide the hose

# Deck- and Wall-Mounted Eye and Eye/Face Washes



## Overview

A variety of laboratory fixtures are available to accommodate traditional and non-traditional installations. Elementary schools, hospitals, universities and research facilities equip their premises with these versatile, yet unique fixtures. Laboratory fixtures may be faucet, deck, wall, or counter-mounted. Bradley offers a diverse variety of fixtures to provide Eyewash solutions where space is restricted and safety is of the utmost importance.

## Key Features

- Chrome-plated brass pipe
- Paddle or push down handle activation
- ½" (13 mm) Inlet
- All items comply with ANSI/ISEA Z358.1

## Emergency Fixture Facts

The emergency fixture must be on the same level as the hazard. ANSI/ISEA Z358.1 Section 5.4.2

## For additional safety products typically installed in laboratory applications, please consider:

Horizontal/Vertical Drench Showers	page 11
Pedestal-Mounted Eyewashes and Eye/Face Washes.	page 16
Wall-Mounted Eyewashes and Eye/Face Washes.	page 24

## Recommended Emergency TMV

### Navigator EFX 8 (S19-2000)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





**S19-200B**

Faucet-Mounted Eyewash  
 One-step activation  
 Several adapters included  
 UL classified to meet ANSI/ISEA Z358.1  
 Lead-Free  
 Faucet not included



**NEW! S19-244**

Wall-Mounted Eyewash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1



**NEW! S19-244FW**

Wall-Mounted Eye/face wash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1



**NEW! S19-274B**

Deck/counter-mounted eyewash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1



**NEW! S19-274BL**

Deck/counter-mounted eyewash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1



**NEW! S19-274F**

Deck/counter-mounted eye/face wash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1



**NEW! S19-274FL**

Wall-mounted eye/face wash  
 Chrome-plated brass pipe and fittings  
 Exceeds American National Standard Z358.1





## Swing-Activated Eye and Eye/Face Washes

### Overview

Eyewash or eye/face wash fixtures that are swing activated are often located on lavatory decks that need to be available for a variety of different uses. A swing-activated fixture provides access to an ANSI-compliant fixture, while simultaneously making full use of valuable, yet limited space. Choose from a variety of wall-mounted or deck-mounted designs that swing out of the way when the fixture is in its resting position, but is still accessible for use during an emergency.

### Key Features

- Chrome-plated brass pipe
- Swing-down or swing-over activation controlled between two precise ceramic discs
- 20° activation and deactivation reduces splashing
- All items comply with ANSI/ISEA Z358.1
- Halo Eyewashes and eye/face washes provide the most wash down coverage available
- Halo dust cover caps on the Eyewash are hinged for a more secure hold – keeping dust and debris off the water spouts

### Emergency Fixture Facts

ANSI identifies a door as a barrier. ANSI/ISEA Z358.1, Appendix B5.

### For additional safety products typically installed in laboratory applications, please consider:

Horizontal/Vertical Drench Showers	page 11
Pedestal-Mounted Eyewashes and Eye/Face Washes.	page 16
Wall-Mounted Eyewashes and Eye/Face Washes.	page 24
Standard and Explosion proof Signaling Systems	page 54

### Recommended Emergency TMV

#### Navigator EFX 8 (S19-2010)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.

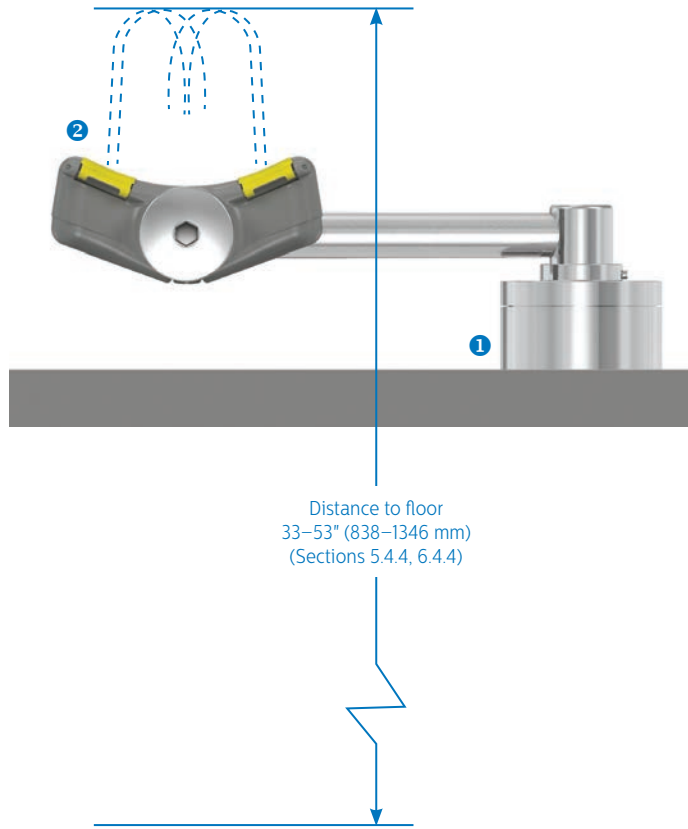


# Quick Compliance Guide

## Laboratory Eye & Eye/Face Wash Fixtures

- Valve mechanism opens in one second or less; it stays open until manually closed. (Sections 5.2, 6.2) **1**
- Supply with flushing fluid, (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”) (Definitions, Sections 5.1.1, 6.1.1)
- Locate 10 seconds or 55' (16.8 m) from contaminants or hazardous materials.
- Locate on same plane as the hazard, free of obstructions. (Sections 5.4.2, 6.4.2, Appendix B5)
- Protect unit heads from contaminants. (Sections 5.1.3, 6.1.3) **2**
- Flow Rates: Eyewash unit delivers a minimum of .4 GPM for 15 minutes. (Section 5.1.6) Eye/face wash unit delivers a minimum of 3.0 GPM (11 L/Min) for 15 minutes. (Section 6.1.6)
- Use a flow meter to test flow rate; use a test gauge to test flow pattern. (Sections 5.1.8, 5.3.1, 6.1.7, 6.3)

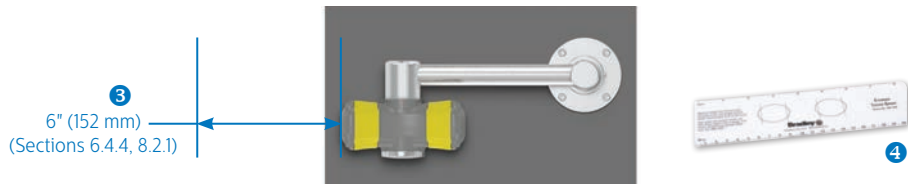
The Joint Commission 2009 EC Standard for Hospitals requires: “The hospital takes action to minimize or eliminate identified safety and security risks in the physical environment.” Furthermore, hospitals are required to “Minimize risk associated with selecting, handling, storing, transporting, using, and disposing hazardous chemicals.” Surveyors commonly refer to OSHA requirements and the ANSI Standard for further guidance on best demonstrated practices.



## Top down view

Required to be free of obstructions a minimum of 6" (152 mm) from the outside of the eye or eye/face wash sprayheads. (Sections 5.4.4, 6.4.4) **3**

Use a Bradley test gauge (Model 269-1444) to check flow pattern. **4**










15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant fixtures release a continuous flow of tepid flushing fluid for a minimum of 15 minutes. (Sections 5.1.6, 5.4.5, 5.4.6, 6.1.6, 6.4.5, 6.4.6)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15 minute flush or until medical personnel arrive. (Definitions, Sections 5.4.6, 6.4.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 5.5.2, 6.5.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Sections 5.5.5, 6.5.5)

# NEW! Halo Swing-Activated Faucet Eyewash

Bradley's new combined faucet and Halo™ eyewash is a space saver for any laboratory environment. The gooseneck faucet has a Halo eyewash built in for emergency eyewash use. The patented design ensures that when the eyewash is activated, the faucet moves out of the way and the eyewash is positioned directly over the sink. The eyewash placement at the base of the faucet allows more convenient and comfortable use of the emergency fixture than competitive models on the market. The Halo eyewash has provided the most effective washdown coverage and spray pattern available for emergency use for over 10 years.

## Key Features

-  Chrome plated solid brass fixture designed for durability and long lasting performance
-  Saves space by combining eyewash and faucet
-  Easy to use swing activated eyewash moves the faucet out of the way
-  Halo delivers the most effective eye washdown coverage and spray pattern
-  Water from eyewash stays in the bowl during activation Faucet completely shuts off when eyewash is activated
-  Additional stability and durability with deck-mounted eyewash
-  Easy Maintenance



### NEW! S19-500M

Deck-Mounted Swing-Activated Faucet/Eyewash, Mixed Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Right Hand



### NEW! S19-500T

Deck-Mounted Swing-Activated Faucet/Eyewash, Tempered Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Right Hand



### NEW! S19-500W

Deck-Mounted Swing-Activated Faucet/Eyewash, Wristblade Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Right Hand



### NEW! S19-505M

Deck-Mounted Swing-Activated Faucet/Eyewash, Mixed Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Left Hand



### NEW! S19-505T

Deck-Mounted Swing-Activated Faucet/Eyewash, Tempered Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Left Hand



### NEW! S19-505W

Deck-Mounted Swing-Activated Faucet/Eyewash, Wristblade Faucet

Swing activation of eyewash moves faucet out of the way

Durable, ceramic valve

Left Hand



**S19274C**



Deck/counter-mounted Eyewash  
 Durable, ceramic valve  
 Swings over sink for easy use  
 Universal right or left hand mounting options  
 UL classified to meet ANSI/ISEA Z358.1



**S19274HD**



Deck/counter-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1

**S19274HDR**



Reduced pipe length  
 Deck/counter-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274HDS**



Offset pipe  
 Deck/counter-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274HW**



Wall-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1

**S19274HWR**

Reduced Pipe Length  
 Wall-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274HDB**



Deck/counter-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1

**S19274HWB**



Wall-mounted Eyewash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274E**



Deck/counter-mounted eye/face wash  
 Durable, ceramic valve  
 Swings over sink for easy use  
 Universal right or left hand mounting options  
 UL classified to meet ANSI/ISEA Z358.1



**S19274JD**

Deck/counter-mounted eye/face wash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274JDB**

Deck/counter-mounted eye/face wash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274JW**

Wall-mounted eye/face wash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1



**S19274JWB**

Wall-mounted eye/face wash  
 Durable, ceramic valve  
 Swings down over sink for easy use  
 UL classified to meet ANSI/ISEA Z358.1





# Recessed Drench Showers, Eye and Eye/Face Washes

## Overview

The recessed, corrosion-resistant, brushed stainless steel units offer a sleek, modern look. Frequently installed in hospitals, high schools, universities and laboratories, these fixtures maximize the space available. Many of the fixtures in this category include an integral drain pan, which collects the water run-off from the Eyewash and directs it into the drain, encouraging weekly activation. Halo eye or eye/face wash targets those areas of the body where a gentle spray of water is optimal.

## Key Features

- SpinTec showerhead improves water distribution
- Fixtures exceed ANSI-mandated flow rates
- Flush-mounted, corrosion-resistant, type 304 stainless steel cabinet
- Various modes of activation are available (fully recessed, surface mounted or pull down handles)
- Swing down activation controlled between two precise ceramic discs
- All items comply with ANSI/ISEA Z358.1
- Halo Eyewashes and eye/ face washes provide the most washdown coverage available
- Halo dust cover caps on the Eyewash are hinged for a more secure hold, keeping dust and debris off the water spouts

## Emergency Fixture Facts

Emergency fixtures must be activated on a weekly basis and inspected annually. ANSI/ISEA Z358.1 Section 4.6.2, 5.5.2, 6.5.2, 7.5.5

## Suggested Accessories

Standard and Explosion-Proof Signaling Systems	page 54
Drench Shower Testers	page 82
Other parts and accessories	page 82

## Recommended Emergency TMV

### Navigator® EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.







**S19-125BF**

Barrier-Free, Recessed Drench Showers  
Fully recessed, push-down, coated stainless steel handle for quick and easy activation  
Extended stainless steel shroud  
UL classified to meet ANSI/ISEA Z358.1



**S19-125FMBF**

Same features as S19-125BF, except with flush-mounted showerhead  
UL classified to meet ANSI/ISEA Z358.1



**S19284H**

Cabinet-Mounted Swing-Down Eyewash  
Activated when arm is pulled down  
Wide access panel in front of unit for easy accessibility and serviceability  
UL classified to meet ANSI/ISEA Z358.1



**S19284HB**

Same features as S19284H, except barrier-free  
UL classified to meet ANSI/ISEA Z358.1



**S19284J**

Cabinet-Mounted Swing-Down Eye/face Wash  
Activated when arm is pulled down  
Wide access panel in front of unit for easy accessibility and serviceability  
UL classified to meet ANSI/ISEA Z358.1



**S19284JB**

Same features as S19284J, except barrier-free  
UL classified to meet ANSI/ISEA Z358.1





### S19294HB

Barrier-Free, Cabinet Concealed  
Swing-Down Eyewash

Concealed, cabinet-mounted Eyewash

Gas spring allows the door to descend  
in a smooth and controlled manner

Activated by opening the stainless steel door

Wide access panel in front of unit for  
easy accessibility and serviceability

Designed to mount in a 4" (102 mm) deep wall

UL classified to meet ANSI/ISEA Z358.1

### S19294HBT

Same features as S19294HB, except with P-trap

UL classified to meet ANSI/ISEA Z358.1

### S19294JB

Barrier-Free, Cabinet Concealed  
Swing-Down Eye/Face Wash

Concealed, cabinet-mounted  
eye/face wash

Gas spring allows the door to descend  
in a smooth and controlled manner

Activated by opening the stainless steel door

Wide access panel in front of unit for  
easy accessibility and serviceability

Bottom-fed emergency TMV may be  
installed in maintenance compartment below  
fixture (recommended S19-2000EFX)

Designed to mount in a  
6" (152 mm) deep wall

UL classified to meet ANSI/ISEA Z358.1

### S19294JBT

Same features as S19294JB, except with P-trap

UL classified to meet ANSI/ISEA Z358.1

## Recommended Emergency TMV

### Navigator EFX 8 (S19-2000)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





### S19345HXB

Barrier-Free, Recessed Drench Shower and Eyewash  
 Extended, stainless steel shroud  
 Fully recessed, push-down, coated stainless steel handle  
 Wide access panel in front of unit for easy accessibility and serviceability  
 Gas spring allows the door to descend in a smooth and controlled manner  
 Designed to mount between a  
 4" (102 mm) wall  
 UL classified to meet ANSI/ISEA Z358.1

### S19345HXBT

Same features as S19345HXB, except with P-trap  
 UL classified to meet ANSI/ISEA Z358.1

### S19345HFB

Same features as S19345HXB, except with flush-mounted showerhead  
 UL classified to meet ANSI/ISEA Z358.1

### S19345HFBT

Same features as S19345HFB, except with P-trap  
 UL classified to meet  
 ANSI/ISEA Z358.1



### S19345JXB

Barrier-Free, Recessed Drench Shower and Eye/Face Wash  
 Extended, stainless steel shroud  
 Fully recessed, push-down, coated stainless steel handle  
 Wide access panel in front of unit for easy accessibility and serviceability  
 Gas spring allows the door to descend in a smooth and controlled manner  
 Designed to mount between a  
 4" (102 mm) wall  
 UL classified to meet ANSI/ISEA Z358.1

### S19345JXBT

Same features as S19345JXB, except with P-trap  
 UL classified to meet ANSI/ISEA Z358.1

### S19345JFB

Same features as S19345JXB, except with flush-mounted showerhead  
 UL classified to meet ANSI/ISEA Z358.1

### S19345JFBT

Same features as S19345JFB, except with p-trap  
 UL classified to meet ANSI/ISEA Z358.1

## Recommended Emergency TMV

### Navigator EFX 20 (S19-2150)

The current ANSI standard calls for emergency Eyewashes and drench showers to deliver tepid water (60–100°F/ 15.5–37.7°C) for 15 minutes. A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.





## DRENCH SHOWERHEADS

Recessed flush-mounted showerhead provides smallest footprint in ceiling. For the most durable showerhead, select stainless steel which stands up to corrosion and aggressive impact.



## EYEWASHES

When the safety risk targets the eye area, Bradley's Eyewashes are the recommended solution for emergency care. The Halo Eyewash sprayhead flows at approximately 5.1 GPM (19 L/Min), exceeding ANSI's 0.4 GPM (1.5 L/Min) flow rate. The flow gently flushes water directly on the eye to wash out contaminants.



## EYE/FACE WASHES

When chemicals and other hazardous liquids can contaminate the face and eyes, an eye/face wash is the solution. Bradley's Halo eye/face wash sprayhead features integral flow controls that provide a soft flush of approximately 5.1 GPM (19 L/Min). Eye/face washes are considered premium fixtures that exceed ANSI's 3.0 GPM (11 L/Min) mandate.



## FLOW CONTROLS

In the interest of water conservation, each shower head features an integral 20 GPM (76 L/Min) flow control. This item must be purchased separately for most competing brands.



# On-Site<sup>®</sup> Portable Gravity-fed Eyewashes

## Overview

The On-Site (S19-921) portable Eyewash is the most innovative gravity-fed Eyewash currently on the market. Employing a patented design, the On-Site is the only Eyewash on the market that uses just 7 gallons of water that provides a full 15-minute flush, at the ANSI-mandated flow rate and maintains a consistent height throughout the spray pattern until the last drop of liquid is depleted from the tank. The translucent white high-density polyethylene tank offers an exclusive vandal-resistant design that makes worker safety a priority.

## Key Features

- Translucent tank allows solution level to be checked easily
- High-visibility yellow, molded pedestal
- Vandal-resistant, patented design
- 7 gal/27 L (60 lbs/27 kg) provides full 15-minute flush
- Heater jacket available to prevent freezing
- Complies with ANSI/ISEA Z358.1
- One-year warranty

## Emergency Fixture Facts

ANSI requires the visual inspection of self-contained Eyewashes to be certain the tank is full and ready for use. ANSI/ISEA Z358.1 Section 5.5.3

**Ideal for locations where a plumbed water source is not available.**

# Quick Compliance Guide

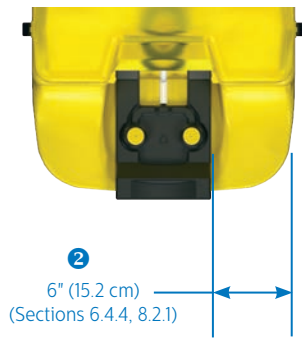
## Self-Contained Eyewash Fixtures

- Eyewash unit delivers a minimum of .4 GPM for 15 minutes. (Section 5.3.2)
- Valve mechanism opens in one second or less; it stays open until manually closed. (Section 5.3.2)
- Supply with flushing fluid, (“potable water, preserved water, preserved buffered saline solution or other medically acceptable solution...”) (Definitions, Section 5.1.1)
- Locate 10 seconds or 55’ (16.8 m) from contaminants or hazardous materials. Locate on same plane as the hazard, free of obstructions. (Sections 5.4.2, Appendix B5)
- Use a test gauge to test flow pattern. (Section 5.4.7)
- Frigid conditions require the installation of freeze protection equipment. (Section 5.4.5) ①

### Top down view

Required to be free of obstructions a minimum of 6” (152 mm) from the outside of the Eyewash sprayheads. (Sections 5.4.4) ②

Use a Bradley test gauge (Model 269-1444) to check flow pattern. ③



15-minute Flush	Tepid Water	Third-Party Certifications	Weekly Activations:	Annual Inspections
Compliant fixtures release a continuous flow of tepid flushing fluid for a minimum of 15 minutes. (Sections 5.1.6, 5.4.5, 5.4.6)	(lukewarm) 60–100°F (15.6–37.8°C) encourages full 15 minute flush or until medical personnel arrive. (Definitions, Sections 5.4.6, Appendix B6)	Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)	Flush lines and test by activating weekly. Inspection tags are often included with fixtures to document testing and to satisfy a safety audit. (Sections 5.5.2)	ANSI recommends a comprehensive annual inspection of the facility to evaluate modified work space, assess new hazards introduced into the area, and to identify fixtures needing replacement or repair. (Sections 5.5.5)





**S19-921**

On-Site® Portable Gravity-fed Eyewash  
 Hinged Eyewash tray activates in one quick motion  
 Stainless steel clamps secure the tank during transport  
 Vandal-resistant unit; foreign objects cannot be introduced into tank because all openings are sealed once the tank is installed  
 7 gal (27 L) tank is one of the lightest portable Eyewashes on the market  
 Wall bracket (can also deck mount)  
 UL classified to meet ANSI/ISEA Z358.1



**S19-921H**

On-Site Eyewash and Heater Jacket  
 Protects against freezing; down to -10°F (-23.3°C)  
 Insulated heater jacket conceals a 121-watt heater  
 Secondary thermostat prevents overheating if primary thermostat fails  
 Requires 120-volt AC line  
 UL classified to meet ANSI/ISEA Z358.1



**133-152**

On-Site translucent white high-density polyethylene tank  
 Replacement 7 gal (27 L) tank  
 Sold individually



**S19-921HR**

On-Site Heater Jacket Retrofit Kit  
 Heater jacket ships attached to tank  
 No tools required

**S19-399**

On-Site Waste Cart  
 High-visibility yellow  
 Captures used fluid, 56 gal (212 L) capacity  
 Tapered sump, easy to drain



**S19-949**

On-Site Water Eyewash Kit  
 Replacement cap  
 Nine liners  
 Inspection tag

**269-1379**

On-Site Foam Liner  
 Perforated foam liner  
 Sold individually



# Portable Pressurized Eyewashes

## Overview

Looking for a portable Eyewash that will withstand corrosive materials in isolated locations, can be used on trucks or areas without plumbing that require a 15-minute flush? Bradley's stainless steel portable pressurized tanks resist corrosion, and offer several options for customers that are looking for an Eyewash with a drench hose, or even a tank outfitted with a heater jacket to prevent freezing. Portable pressurized tanks are a versatile, corrosion-resistant solution, to provide an ANSI-compliant fixture in remote or non-plumbed locations. Portable pressurized fixtures balance the volume of water with a predetermined amount of pressure to maximize the time and volume of solution that provides a flush. The portable pressurized Eyewash offers the convenience of a portable unit, is sold in a range of sizes, and the heater jacket option offers flexibility to handle a wide range of applications.

## Key Features

- Built-in carrying handles
- Tire filler valve with 0 – 160 psi (1103 kPa) air gauge
- Pressure relief valve to prevent over pressurization
- 8' (2.4 m) drench hose (unless otherwise specified)
- Chrome-plated brass Eyewash
- All items comply with ANSI/ISEA Z358.1

## Emergency Fixture Facts

ANSI guidelines require that emergency fixtures supply potable water, preserved water, preserved buffered saline solution, or an alternative medically accepted solution.

ANSI/ISEA Z358.1 Section 3, Definitions

## 5 GAL (19 L) UNITS

- Eyewash flow: 8 minutes
- Drench hose flow: 2.5 minutes
- Meets ANSI criteria as a personal wash station only

### S19-670

Drench hose, no Eyewash



### S19-671

Eyewash only, no drench hose



### S19-671H

Jacket prevents freezing  
280-watt heater  
Eyewash only



### S19-672

Eyewash with drench hose



## 10 GAL (39 L) UNITS

- Eyewash flow: 15 minutes
- Drench hose flow: 3.5 minutes
- UL classified to meet ANSI/ISEA Z358.1

### S19-690

Eyewash with drench hose



### S19-690LHS

Eyewash only, no drench hose



### S19-690H

Jacket prevents freezing  
510-watt heater  
Eyewash only



## 15 GAL (57 L) UNITS

- Eyewash flow: 18 minutes
- Drench hose flow: 5 minutes
- UL classified to meet ANSI/ISEA Z358.1

### S19-788

Eyewash and drench hose



### S19-788LHS

Eyewash only, no drench hose



### S19-788H

Jacket prevents freezing  
510-watt heater  
Eyewash only





## PORTABLE PRESSURIZED EYEWASH ACCESSORIES

### S19-690A

Four-wheel, stainless steel transport cart  
For use with fixtures without a heater jacket

### S19-671HR

HeaterJacket Retrofit Kit for 5 gal (19L) tank

### S19-690HR

HeaterJacket Retrofit Kit for 10 gal (39 L) tank

### S19-788HR

HeaterJacket Retrofit Kit for 15 gal (57 L) tank



## ON-SITE EYEWASH ACCESSORIES

### S19-399

High-visibility yellow  
Captures used fluid, 56-gallon capacity  
Tapered sump, easy to drain

## ON-SITE HEATER JACKET RETROFIT KIT

### S19-921HR

Heater jacket ships attached to tank  
No tools required



## DRENCH HOSE SPRAY KITS

Includes all necessary fittings and hanger for attaching hose to Bradley units to provide a body water drench

### S19-430EH

Drench hose spray kit that attaches to eyewashes

### S19-430SH

Drench hose spray kit for use with drench showers

## PRIVACY CURTAIN

### S19-330

Universal mounting  
Waterproof, 3-ply reinforced vinyl laminate  
Chemical and mildew resistant  
Curtain Color: high-visibility yellow Dimensions: 70"x 145" (1778 x 3683 mm)  
Curtain rail and mounting brackets Stainless steel corrosion resistant Rail dimensions: 1½" x 42" diameter  
For a model compatible with barrier-free fixtures, contact Bradley for more information  
Not compatible with PVC or heat trace units



## DRENCH SHOWER TESTER

### S19-330ST

Heavy-duty tester for required weekly activation  
Water-tight funnel with weighted bottom  
Dimensions: 84" (2134 mm) long  
8' (2.4 m) telescoping aluminum handle



## S19-322 SERIES

### S19-322E

UL listed 1/2" (32mm) flow switch  
 NEMA 1 signaling system  
 Universal AC Input: 90-264 AC  
 Flashing amber LED signal light  
 For eye or eye/face washes



### S19-322D

UL listed 1/4" (32mm) flow switch  
 NEMA 1 signaling system  
 Universal AC Input: 90-264 AC  
 Flashing amber LED signal light  
 For drench showers or combination units



## S19-323 SERIES

### S19-323E

UL listed 1/2" (13 mm) brass flow switch  
 NEMA 3R signaling system  
 6' (1.8 m) Cable  
 For eye or eye/face wash  
 Universal AC Input: 90-264 AC  
 Amber signal light



### S19-323D

UL listed 1/4" (32mm) brass flow switch  
 NEMA 3R signaling system  
 6' (1.8 m) Cable  
 For drench shower or combination units  
 Universal AC Input: 90-264 AC  
 Amber signal light



## S19-324 SERIES

### S19-324E

Brass UL listed 1/2" (13mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 For eye or eye/face wash  
 Silence switch with auto reset  
 Universal AC Input: 90-264 AC  
 Amber signal light



### S19-324D

Brass, UL listed 1/4" (32 mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 For drench showers or combination units  
 Silence switch with auto reset  
 Universal AC Input: 90-264 AC  
 Amber signal light



### S19-324DG, S19-324DGW

Brass UL listed 1/4" (32 mm) flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 Silence switch with auto reset  
 Green beacon light  
 White area light (S19-324DGW only)  
 For drench showers or combination units  
 Universal AC Input: 90-264 AC  
 Amber signal light



### S19-324EG, S19-324EGW

UL listed 1/2" (13mm) brass flow switch  
 NEMA 4X signaling system  
 6' (1.8 m) Cable  
 Silence switch with auto reset  
 Green beacon light  
 White area light (S19-324EGW only)  
 For eye wash or eye/face washes  
 Universal AC Input: 90-264 AC  
 Amber signal light



## S19-324 SERIES CONTINUED

### S19-324D2D/HT

Explosion-Proof Emergency Signaling System  
(Class 1 Division 2, Groups B, C & D)

NEMA 4X

Brass UL listed 1¼" (32 mm) flow switch

For drench shower or combination units

Amber signal light

S19-324D2DHT for S19-304

Heat traced combination units



### S19-324D1D/HT

Explosion-Proof Emergency Signaling System (Class 1 Division 1, Groups C & D)

NEMA 4X

Brass UL listed 1¼" (32 mm) flow switch

For drench shower or combination units

Amber signal light

S19-324D1DHT for S19-304

heat traced combination units



## FREEZE AND SCALD PROTECTION VALVES

Bradley's freeze and scald protection valves coupled with Navigator tempering systems serve an important role. Although the tempering system supplies the fixture with tepid water, environmental conditions may cause the water to freeze or become scalding hot. To ensure the fixture is ready to use and the water is safe for your employees at all times, consider the addition of a freeze or scald protection valve, to bleed off water in extreme temperatures.

### S45-1986

Freeze Protection Valve Kit

For use with Eyewashes



### S45-1987

Freeze Protection Valve Kit

For use with drench showers



Classic combination fixtures require one each of S45-1986 and S45-1987. Halo combination fixtures only require one S45-1986.

### S45-1989

Scald Protection Valve Kits

For use with Eyewashes



### S45-1990

Scald Protection Valve Kits

For use with drench showers



Classic combination fixtures require one each of S45-1989 and S45-1990. Halo combination fixtures only require one S45-1989.

Don't see the signaling system you are looking for? Go to page 58–60 to use the S19-324 Configurator



## EYEWASH HANDLE, BALL VALVE AND HARDWARE

### S30-070

Stainless steel handle

Hardware

½" (13 mm) NPT stay-open ball valve



### S30-072

Stainless steel handle

Hardware

½" (13 mm) NPT stay-open ball valve

For stainless steel hinged dust covers only

### S30-074

Left-hand activation conversion kit for pedestal-mounted or combination fixtures

Stainless steel handle

Hardware

½" (13 mm) stay-open ball valve

### S45-122

Plastic handle

Hardware

½" (13 mm) NPT stay-open ball valve



## EYEWASH HANDLE, BALL VALVE AND HARDWARE ONLY

### 128-135

Plastic handle only

### S08-336

Stainless steel handle only

Vertical valve applications only

### S08-338

Stainless steel handle only

Horizontal valve applications only

### S30-075

Left-hand activation conversion kit for pedestal-mounted or combination fixtures

Stainless steel handle

Hardware

For S19-270BL Eyewash only

### S30-087

Stainless steel handle

Hardware

For stainless steel hinged dust covers only

### S45-123

Plastic handle

Hardware

### S30-071

Stainless steel handle

Hardware

## EYEWASH BALL VALVES ONLY

### S27-282

Brass ½" NPT stay-open ball valve only

### S27-287

Stainless steel ½" NPT stay-open ball valve only

## SPRAYHEAD AND SPRAY RING ASSEMBLIES

### S45-2453

Includes orange flow control

2.4 GPM (9 L/Min) flow control inside each head; total flow from both heads is 4.8 GPM (18 L/Min)

Eye/face wash sprayheads only



### S39-394

Eyewash head assembly with supply stem



### S39-396

Eye/face wash sprayhead assembly with supply stem



### S39-681

Eye/face wash sprayhead assembly

Stem not included

### S39-682

Eye/face wash assembly

For use with PVC unit only

Stem not included

### S39-397

Eyewash and spray ring assembly with supply stem



## DUST CAPS

### 107-371

Dust caps only

Sold individually; two required per Eyewash

Approximately 1" (25 mm) x 1" (25 mm)

Yellow plastic tether



### S53-063

Dual eye/face wash dust caps only

Sold individually; two required per Eyewash

2¼" (57 mm) x 1" (25 mm)

Beaded chain tether



### S53-310

Eyewash dust cap

Sold individually; two required per Eyewash

1" (25 mm) x 1" (25 mm)

Not for use with portable pressurized tank Eyewashes



## BOWLS

### 154-058

10" (254 mm) diameter impact-resistant plastic Eyewash bowl



### 187-053

10¾" (273 mm) diameter stainless steel Eyewash bowl



## STEM SPACERS

### 113-1159

Stainless steel stem spacer

For use in fixtures with stainless steel bowl



### 113-1185

Black plastic stem spacer

For use in fixtures with yellow plastic bowl



## STEM ASSEMBLIES

### EYEWASH FIXTURES ONLY

S21-071 Brass

S21-072 SS304



### EYEWASH WITH SPRAY RING FIXTURES ONLY

S21-073 Brass

S21-074 SS303

S21-075 SS316

### 113-1150

Brass stem only: for units with dual black eye/face heads

### 113-1151

Stainless steel stem only: for stainless steel units with dual black eye/face wash heads

## EYEWASH AND EYE/FACE WASH FLOW RESTRICTORS

### 125-167

3.7 GPM (14 L/Min) flow restrictor

Pink

For Eyewash with face spray ring

Stem not included



### 125-032

3.5 GPM (13 L/Min) flow restrictor

Black

For swing activated or swing-down units

## CLASSIC STEM ASSEMBLIES

Sprayhead Assembly	Galvanized Fixture with Plastic Bowl	Galvanized Fixture with Stainless Steel Bowl	Standard Stainless Steel Fixture	316 Stainless Steel Fixture
Eyewash Only	S21-071 113-1185	S21-071 113-1159	S21-072 113-1159	S21-075 113-1159
Eye/Face Wash with Spray Ring	S21-073 113-1185	S21-073 113-1159	S21-074 113-1159	None
Eye/Face Wash w/ Dual Black Heads	113-1150	113-1150	113-1151	None

Spacer 113-1159 or 113-1185 is required for units that shipped on or before 11/2/2005.

Assemblies include stem and appropriate flow control. Stems S21-036 and S21-050 are obsolete.

## REPLACEMENT PARTS – HALO

**187-320**

Plastic bowl



**S05-190**

Sprayhead assembly



**S05-192**

Sprayhead assembly



**S05-204**

304 stainless steel sprayhead assembly



**S05-205**

316 stainless steel sprayhead assembly



**S08-390**

Handle kit



**S27-327**

Chrome-plated 1/2" ball valve



**S27-328**

Stainless Steel 1/2" ball valve



**S45-2675**

Eyewash cover kit



**S45-2676**

Eye/Face wash cover kit



**S65-339**

O-ring and screen



**S88-068**

O-ring screen and flow control



**S90-388**

Stainless steel bowl cover kit



**S90-390**

Plastic bowl cover kit



**S90-391**

Stainless steel bowl kit



**S90-392**

Stainless steel bowl kit  
316 stainless steel

## RETROFIT CLASSIC DUST COVERS

### S45-1964

Compatible with any Bradley classic plastic Eyewash bowl

Fixture not included



### S45-2396

For use with any Bradley classic Eyewash bowl

Includes welded stainless steel clam shell cover, stainless handle with teather and quick release pin



## DRENCH SHOWER HANDLE FOR STANDARD UNITS

### 128-156A

25½" (648 mm) pull rod only

Standard pull rod shipped with non-barrier-free showers

### 128-156B

36" (914 mm) pull rod only



## DRENCH SHOWER HANDLE FOR BARRIER-FREE UNITS

### 128-156C

48" (1219 mm) pull rod only



### 128-156D

45½" (1156 mm) pull rod only

Standard pull rod shipped with barrier-free showers



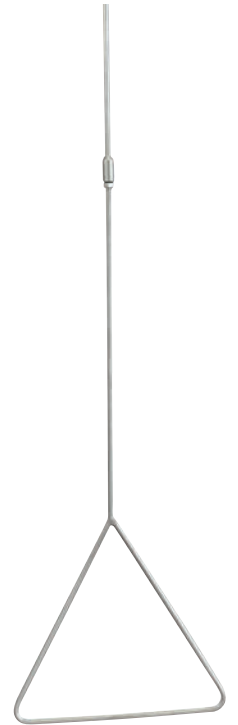
### 128-156E

57" (1448 mm) pull rod only



### 128-156F

69" (1753 mm) pull rod only



## DRENCH SHOWER HANDLE FOR HEAT TRACE UNITS

### 128-157

27-3/4" (705mm) 316SS pull rod only

## SPINTEC SHOWERHEAD RETROFIT KITS

Universal retrofit kits include all items shown

### S24-192

Ornamental plastic shroud with ring – showerhead nozzle not included



### S24-193

Ornamental stainless steel shroud with ring – showerhead nozzle not included



### S24-194

Showerhead nozzle and 90° elbow



### S24-195

Ornamental plastic shroud with ring, showerhead nozzle and 90° elbow



### S24-196

Ornamental stainless steel shroud with ring, showerhead nozzle and 90° elbow



### S24-200

304 Stainless steel showerhead and 90° elbow



### S24-202

In-ceiling recessed showerhead assembly, with 5-7/8" (149 mm) white steel shroud, includes 90° elbow



### 154-147

Ring only



## DRENCH SHOWER BALL VALVE

### S27-278

Chrome-plated brass 1" (25 mm) ball valve only

### S30-059

Chrome-plated brass 1" (25 mm) ball valve with lever



### S30-061

Stainless steel 1" (25 mm) ball valve with lever

## DRENCH HOSE REPLACEMENT PART VALVES

### S39-817

Replacement valve with drench hose sprayhead



## HOSES

### S89-002

8' (2.4 m) yellow thermoplastic hose



### S89-003

6' (1.8 m) stainless steel hose

### 269-053

12' (3.7 m) yellow thermoplastic hose Recoiling

### 269-054

25' (7.6 m) yellow thermoplastic hose Recoiling

## HOSE GUIDE BRACKET

### 140-226

Drench hose guide bracket  
For deck-mounted applications



## HOSE SPRAY VALVE

### S27-265

Replacement valve only



## BACK-FLOW PREVENTION

### S27-303

Dual check valve, Series 7



### S45-2309

Dual check vacuum breaker, Series 9



### S45-2310

Dual check vacuum breaker with intermediate atmospheric vent, Series 9D



## SAFETY SIGNS

### 114-050

Drench shower sign



### 114-051

Eyewash sign



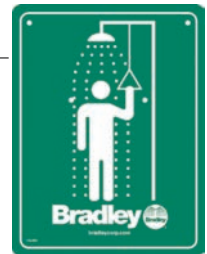
### 114-052

Combination shower and Eyewash sign



### 114-050E

International safety drench shower sign



### 114-051E

International safety Eyewash sign



### 114-052E

International safety combination drench shower and Eyewash sign



## ON-SITE WATER EYEWASH KIT

**S19-949**

- Replacement cap
- Nine liners
- Inspection tag



## ON-SITE FOAM LINER

**269-1379**

- Perforated foam liner
- Sold individually

## GRAVITY FED TANK

**133-152**

- Seven gallon tank



## MISCELLANEOUS SUPPLIES

**269-964**

- Safety yellow touch-up paint
- 12-oz. aerosol



**204-421**

- Inspection tag
- Sold individually



**269-1444**

- Eyewash test gauge



## FOOT TREADLE KITS

**S39-395**

- Includes all necessary fittings for attaching to wall-mounted Eyewashes for hand or foot operation



**S45-572**

- Includes all necessary fittings for attaching to Bradley pedestal-mounted Eyewashes and combination showers for hand or foot operation



**S45-620**

- Same as S45-572, except designed for S19-310PVC shower only

**S45-1314SS**

- Stainless steel type 316 foot treadle that includes all necessary type 304 fittings for attaching to Bradley pedestal-mounted Eyewashes and combination showers/ Eyewashes for hand or foot operation

**S45-1314SS16**

- Stainless steel type 316 foot treadle that includes all necessary type 316 fittings for attaching to Bradley pedestal-mounted Eyewashes and combination showers/ Eyewashes for hand or foot operation

## OPTIONAL ADAPTERS

**153-395**

- Female, 13/16" (21 mm) x 24-Chrome

**153-396**

- Male, 3/8" (10 mm) NPSM-Chrome

**153-401**

- Female, 3/4" Garden Hose-Chrome

## Standard Specifications

### Halo S19214, S19224 & S19314 Series

#### Eyewash Bowl

14" (356 mm) corner to corner, yellow impact-resistant plastic, Type 304 corrosion-resistant stainless steel or Type 316 corrosion-resistant stainless steel

#### Sprayhead Assembly

All sprayhead assemblies include flow control to assure safe, steady water flow under varying water supply conditions (up to 90 PSI) and flip-top protective spray covers

#### Halo Eyewash

- ABS plastic soft-flow sprayheads designed to gently cleanse the eyes
- Exceeds minimum water flow: 0.4 GPM (1.5 L/Min) at 30 psi (207 kPa)
- Flip-open dust covers that open automatically when unit is activated
- Self-draining design eliminates standing water

#### Halo Eye/Face Wash

- ABS plastic soft-flow sprayheads designed to gently cleanse the eyes and face
- Exceeds minimum water flow: 3.0 GPM (11 L/Min) at 30 psi (207 kPa)
- Flip-open dust covers that open automatically when unit is activated
- Self-draining design eliminates standing water

#### SpinTec Showerhead

- 3.1" (79 mm) diameter
- Uniform distribution of water
- Integral flow control provides a minimum of 20 GPM (76 L/Min)

#### ANSI Compliance

Unless otherwise indicated, all units comply with the ANSI/ISEA Z358.1 standard

#### Eyewash Valve

½" stay-open eye and eye/face wash valve manufactured of the following materials and supplied with either type 304 or 316 stainless steel handle that can be activated from both the left and right side of the unit

- Chrome-plated brass
- Type 316 stainless steel

#### Shower Valve

1" (25 mm) stay-open eye and eye/face wash valve manufactured of the following materials and supplied with either type 304 or 316 stainless steel pull rod

- Chrome-plated brass
- Type 316 stainless steel

#### Pipe and Fittings

- 1¼" piping assembly manufactured of one of the following materials
- Galvanized steel with BradTect safety yellow coating
- Type 304 corrosion-resistant stainless steel
- Type 316 corrosion-resistant stainless steel
- Chrome-plated red brass.

#### Water Supply

Wall-mounted and pedestal-mounted: ½" NPT female

#### Waste

Eyewash: 1¼" NPT female drain fitting

#### Transparent Plastic or Stainless Steel Dust Cover

- Protects entire bowl to keep contaminants, dust, and other debris from Eyewash area
- Dust cover opens when push handle is activated
- Constructed of transparent yellow impact-resistant plastic, type 304 corrosion-resistant stainless steel or type 316 corrosion-resistant stainless steel.

#### Additional Features

- **Eyewash mounting**  
Heavy-gauge aluminum with four clearance holes for wall mounting (hardware not included) All units are barrier free when mounted at the correct height
- Separate supply and waste, eliminates cross contamination risk
- Contains an antimicrobial agent to protect the sprayhead
- UL recognized to meet the ANSI/ISEA Z358.1 Standard

## Standard Specifications

(exceptions noted)

### SpinTec Showerhead

- Yellow, impact-resistant plastic or corrosion-resistant stainless steel
- 3.1" (79 mm) diameter
- Uniform distribution of water
- Integral flow control provides a minimum of 20 GPM (76 L/Min)

### Drench Hose

- 8' (2.4 m) yellow, reinforced thermoplastic hose (unless otherwise specified)
- 450 PSI burst strength
- Recoiling hose (where specified) retracts for storage while allowing easy extension in emergency situations

### ANSI Compliance

Unless otherwise indicated, all units comply with the ANSI/ISEA Z358.1 standard

## Drench Hose Series S19-430 through S19-630 Specifications

### Drench Hose Valve

Chrome-plated valve with extended reinforced handle remains open once handle is squeezed.

- S19-630: Uses a 1/2" (13 mm) NPT chrome-plated brass, stay-open ball valve operated by a stainless steel push handle

### Water Supply

Drench hoses: 3/8" (10 mm) NPT male thread with removable 1/2" NPT female reducing coupling

## Series S19-921 On-Site® Gravity-Fed Eyewashes

### On-Site Gravity-Fed Eyewash

Can be mounted on a wall or deck. Stainless steel bracket included for wall mounting. Molded handle design for easy transportability. Should be placed in a fixed location when completely assembled and filled with fluid.

- Seven-gallon fill capacity
- Easy to clean, refill, and check solution
- Meets 15-minute minimum flushing requirement at 0.4 GPM
- Translucent white high-density polyethylene tank – visual reminder when it is time to clean or refill the tank
- Blow-molded design prevents leakage
- Opaque yellow, polypropylene pedestal with hinged Eyewash tray
- Eyewash tray pulls down in one quick motion – water flow is activated by this motion
- Removable tank is inverted onto the pedestal, piercing a liner
- Weighs 23 lbs (10 kg) when empty and 60 lbs (27 kg) filled

### On-Site Waste Cart

Utilized with the Gravity-Fed Eyewash product.

- High-visibility yellow, polyethylene with 56 gal (212 L) capacity
- Captures used fluid from unit
- Tapered sump allows for easy drainage

### Gravity-Fed Heater Jacket

- 121-watt heater enclosed in an insulated jacket
- Secondary thermostat with warning light and manual reset button helps prevent overheating in case of primary thermostat failure
- Requires 120-volt AC line
- All UL-listed components

## Drench Shower Series S19-110 thru S19-130 and Combination Units Series S19314 Shower Specifications

### Shower Valve

1" (25 mm) NPT chrome-plated brass, stay-open ball valve operated by a stainless steel pull rod with triangular handle.

- Barrier-free pull rod extends to 48" from floor

### Pipe and Fittings

Standard: Galvanized steel pipe protected with BradTect yellow coating (unless otherwise specified).

- Vertical/horizontal shower: 1" (25 mm) pipe
- Freestanding shower, combination units: 1¼" pipe
- PVC combination shower: 2" (51 mm) Schedule 80

### Water Supply

- Vertical/horizontal shower: 1" (25 mm) NPT female
- Freestanding shower, combination and barrier-free units: 1¼" NPT female

## Drench Showers Series S19-120HFP; Eyewash Series S19-220HFP; Combination 310TW Frost-Proof Units

### Eyewash Bowl/Sprayhead/Showerhead

See standard specifications

### Through Wall Units

- Standard option is 8–12" (203–305 mm) wall thickness
- 0–8" (0–203 mm) and 12–18" offered as special orders

### Valve

1" (25 mm) NPT chrome-plated brass, stay-open ball valve is hand operated by a stainless steel handle

### Pipe and Fittings

1¼" galvanized steel pipe protected by BradTect yellow coating (unless otherwise specified)

### Water Supply

- ½" (13 mm) NPT female (model S19-220HFP)
- 1" (25 mm) NPT female (model S19-120HFP)
- 1¼" (32 mm) NPT female (all other models)

## Eyewash Series S19-200 thru S19-274JDB; Combination Units Series S19314 Plumbed Eyewash Specifications

### Eyewash Valve

½" NPT chrome-plated brass, stay-open ball valve operated by a high-visibility yellow PVC or stainless steel (where specified) push handle.

#### • **Faucet-mounted unit**

Activates when water is turned on at faucet and activator pin on Eyewash is pulled toward user

Applied water pressure keeps activator pin open  
Faucet will maintain normal operation for hand washing, etc. when activator pin is closed

#### • **Swing-activated units (where indicated):**

The swinging motion of the unit operates Eyewash valve – no additional handle is required

### Pipe and Fittings

Standard: Galvanized steel pipe protected with BradTect yellow coating (unless otherwise specified); laboratory and swing-activated units are primarily chrome-plated brass.

- Wall-mounted Eyewash, laboratory Eyewash: ½" pipe
- Pedestal Eyewash: 1¼" pipe

### Water Supply

- Wall-mounted, pedestal-mounted, swing-activated Eyewash ½" NPT female
- Laboratory: ½" NPT (unless otherwise specified)

### Waste

Eyewash: Dome-type strainer and 1¼" NPT female drain fitting with tailpiece (P-trap to conform to local codes by others unless otherwise specified)

### Hinged Stainless Steel Dust Cover

- Protects entire bowl to keep contaminants, dust, and other debris from Eyewash area
- Dust cover springs open when push handle is activated

### Additional Features

#### • **Eyewash wall bracket**

Heavy-gauge aluminum with three clearance holes for wall mounting (hardware not included)

Barrier-free unit is stainless steel with four clearance holes for wall mounting

## Series S19-304 Heat Traced Showers

### Showerhead/Sprayheads

See standard specifications

### Shower Valve

1" (25mm) NPT chrome-plated brass, or 316 stainless steel, stay-open valve is operated by a stainless steel pull rod with triangular handle

### Eyewash Valve

½" NPT chrome-plated brass, or 316 stainless steel, stay-open valve hand operated by a stainless steel handle

### Pipe and Fittings

1¼" galvanized steel, 304 stainless steel, or 316 stainless steel.

### Electric Heat Trace Cable\*

- Wraps around pipe, cable is self-regulated to 50°F (10°C) to protect against overheating and cold spots
- Thermal rating: 5 watts/foot
- Service voltage: 120-volt AC or 240-volt AC
- Amperage/wattage: .7 amp/80 watts at 50°F (10°C) unit water temperature

### Pipe Insulation

- ¾" polyethylene closed cell encases pipe and heat trace cable
- Vertical semi-split allows insulation to be easily removed and re-assembled

### Protective Outer Shell

- UV-stabilized ABS plastic
- Six easy-to-remove sections
- Designed for quick repairs and maintenance
- Sealed with rivets for added weather protection
- Resists chemical and other harsh environments

### Freeze Protection Valve

- Continual flow of water when internal temperatures drop below 35°F (2°C)
- Valve closes at 45°F (7°C)
- Max pressure rating of 200 psi (1379 kPa)

### Thermostat\*

Opens at 64°F (18°C) and closes at 54°F (12°C)

### Junction Box

General area junction box is plastic with one extra ¾" conduit hole. Hazardous location junction boxes are aluminum with multiple hubs. Accepts ¾" IPS conduit.

### Water Supply

- 1¼" (44 mm) NPT male top or bottom supply

\* Standard specification components are rated for General Area, Class 1 Division 2 Groups B, C, and D, Class 1 Division 1 Groups C and D, and Class II Division 1 and 2 Groups E, F, C and G. All units are CSA listed.

## Series S19-670 thru S19-788 Pressurized Stainless Steel Eyewash Tanks

### Eyewash Sprayhead/Drench Hose

- See standard specifications
- Available in 5 gal (19 L), 10 gal (39 L) and 15 gal (57 L) capacities. Built-in carrying handles and resilient bottom. Tire filler valve with 0-160 PSI (0-1100 kPa) air gauge. Pressure relief valve prevents accidental over pressurization.

NOTE: Do not exceed 130 PSI tank pressurization.

### Portable Heated Units

- Secondary thermostat with manual reset button helps prevent overheating in case of primary thermostat failure
- Plugs into any 120-volt AC line
- All UL listed components.
- 10 gal (39 L) and 15 gal (57 L) units provide 15 minutes of tempered water flow from Eyewash
- GFCI recommended



Halo Model No.	Description	UL certified to ANSI/ISEA	IAPMO Oceana certified to AS4775 & AS4020
<b>Eyewashes</b>			
S19214EW	Halo Eyewash, plastic bowl	•	
S19214EWZ	Halo Eyewash, plastic bowl		
S19214EWZS	Halo Eyewash, plastic bowl		•
S19214B	Halo Eyewash, stainless steel bowl	•	
S19214BZ	Halo Eyewash, stainless steel bowl		
S19214BZS	Halo Eyewash, stainless steel bowl		•
S19224EW	Halo Eyewash, plastic bowl	•	
S19224EWZ	Halo Eyewash, plastic bowl		
S19224EWZS	Halo Eyewash, plastic bowl		•
S19224PT	Halo Eyewash, plastic bowl, p-trap	•	
S19224PTZ	Halo Eyewash, plastic bowl, p-trap		
S19224PTZS	Halo Eyewash, plastic bowl, p-trap		
S19224B	Halo Eyewash, stainless steel bowl	•	
S19224BZ	Halo Eyewash, stainless steel bowl		
S19224BZS	Halo Eyewash, stainless steel bowl		•
S19224BPT	Halo Eyewash, stainless steel bowl, p-trap	•	
S19224BPTZ	Halo Eyewash, stainless steel bowl, p-trap		
S19224BPTZS	Halo Eyewash, stainless steel bowl, p-trap		
<b>Eyewashes with Dust Cover</b>			
S19214PDC	Halo Eyewash, plastic bowl w/ dust cover	•	
S19214PDCZ	Halo Eyewash, plastic bowl w/ dust cover		
S19214PDCZS	Halo Eyewash, plastic bowl w/ dust cover		•
S19214DC	Halo Eyewash, stainless steel bowl & hinged dust cover	•	
S19214DCZ	Halo Eyewash, stainless steel bowl & hinged dust cover		
S19214DCZS	Halo Eyewash, stainless steel bowl & hinged dust cover		•
S19224PDC	Halo Eyewash, plastic bowl w/ dust cover	•	
S19224PDCZ	Halo Eyewash, plastic bowl w/ dust cover		
S19224PDCZS	Halo Eyewash, plastic bowl w/ dust cover		•
S19224DC	Halo Eyewash, stainless steel bowl & hinged dust cover	•	
S19224DCZ	Halo Eyewash, stainless steel bowl & hinged dust cover		
S19224DCZS	Halo Eyewash, stainless steel bowl & hinged dust cover		•
S19224DCPT	Halo Eyewash, stainless steel bowl & hinged dust cover, p-trap	•	
S19224DCPTZ	Halo Eyewash, stainless steel bowl & hinged dust cover, p-trap		
S19224DCPTZS	Halo Eyewash, stainless steel bowl & hinged dust cover, p-trap		
<b>Eye-Face Washes</b>			
S19214FW	Halo Eye/face wash, plastic bowl	•	
S19214FWZ	Halo Eye/face wash, plastic bowl		
S19214FWZS	Halo Eye/face wash, plastic bowl		•
S19214P	Halo Eye/face wash, stainless steel bowl w/ hose spray	•	
S19214PZ	Halo Eye/face wash, stainless steel bowl w/ hose spray		
S19214Y	Halo Eye/face wash, stainless steel bowl	•	
S19214YZ	Halo Eye/face wash, stainless steel bowl		
S19214YZS	Halo Eye/face wash, stainless steel bowl		•
S19214YF	Halo Eye/face wash, stainless steel bowl, hand/foot operated	•	
S19214YFZ	Halo Eye/face wash, stainless steel bowl, hand/foot operated		

Halo Model No.	Description	UL certified to ANSI/ISEA	IAPMO Oceana certified to AS4775 & AS4020
S19214YFZS	Halo Eye/face wash, stainless steel bowl,hand/foot operated		•
S19224FW	Halo Eye/face wash, plastic bowl	•	
S19224FWZ	Halo Eye/face wash, plastic bowl		
S19224FWZS	Halo Eye/face wash, plastic bowl		•
S19224FWPT	Halo Eye/face wash, plastic bowl, p-trap	•	
S19224FWPTZ	Halo Eye/face wash, plastic bowl, p-trap		
S19224FWPTZS	Halo Eye/face wash, plastic bowl, p-trap		
S19224T	Halo Eye/face wash, stainless steel bowl	•	
S19224TZ	Halo Eye/face wash, stainless steel bowl		
S19224TZS	Halo Eye/face wash, stainless steel bowl		•
S19224P	Halo Eye/face wash, stainless steel bowl w/ hose spray, tailpiece	•	
S19224PZ	Halo Eye/face wash, stainless steel bowl w/ hose spray, tailpiece		
S19224TPT	Halo Eye/face wash, stainless steel bowl, p-trap	•	
S19224TPTZ	Halo Eye/face wash, stainless steel bowl, p-trap		
S19224TPTZS	Halo Eye/face wash, stainless steel bowl, p-trap		
S19224Y	Halo Eye/face wash, stainless steel bowl,hand/foot operated, tailpiece	•	
S19224YZ	Halo Eye/face wash, stainless steel bowl,hand/foot operated, tailpiece		
S19224YZS	Halo Eye/face wash, stainless steel bowl,hand/foot operated, tailpiece		•
S19214PDCF	Halo Eye/face wash, plastic bowl w/ dust cover	•	
S19214PDCFZ	Halo Eye/face wash, plastic bowl w/ dust cover		
S19214PDCFZS	Halo Eye/face wash, plastic bowl w/ dust cover		•
S19214DCF	Halo Eye/face wash, stainless steel bowl & hinged dust cover	•	
S19214DCFZ	Halo Eye/face wash, stainless steel bowl & hinged dust cover		
S19214DCFZS	Halo Eye/face wash, stainless steel bowl & hinged dust cover		•
S19224PDCF	Halo Eye/face wash, plastic bowl w/ dust cover	•	
S19224PDCFZ	Halo Eye/face wash, plastic bowl w/ dust cover		
S19224PDCFZS	Halo Eye/face wash, plastic bowl w/ dust cover		•
S19224DCF	Halo Eye/face wash, stainless steel bowl & hinged dust cover	•	
S19224DCFZ	Halo Eye/face wash, stainless steel bowl & hinged dust cover		
S19224DCFZS	Halo Eye/face wash, stainless steel bowl & hinged dust cover		•
S19224DCRPT	Halo Eye/face wash, stainless steel bowl & hinged dust cover, p-trap	•	
S19224DCRPTZ	Halo Eye/face wash, stainless steel bowl & hinged dust cover, p-trap		
S19224DCRPTZS	Halo Eye/face wash, stainless steel bowl & hinged dust cover, p-trap		
S19214BSS	Halo stainless steel eye/face wash and bowl	•	
S19214BSSZ	Halo stainless steel eye/face wash and bowl		•
S19214SC	Halo stainless steel eye/face wash, bowl and cover	•	
S19214SCZ	Halo stainless steel eye/face wash, bowl and cover		•
S19214SS	Halo stainless steel eye/face wash and bowl with foot activation	•	
S19214SSZ	Halo stainless steel eye/face wash and bowl with foot activation		•
S19224SC	Halo stainless steel eye/face wash, bowl and cover	•	
S19224SCZ	Halo stainless steel eye/face wash, bowl and cover		•
S19224SS	Halo stainless steel eye/face wash and bowl	•	
S19224SSZ	Halo stainless steel eye/face wash and bowl		•

Halo Model No.	Description	UL certified to ANSI/ISEA	IAPMO Oceana certified to AS4775 & AS4020
<b>Eyewashes</b>			
S19314EW	Halo Eyewash, plastic showerhead & bowl	•	
S19314EWZ	Halo Eyewash, plastic showerhead & bowl		
S19314EWZS	Halo Eyewash, plastic showerhead & bowl		•
S19314P	Halo Eyewash, plastic showerhead & bowl w/ hose spray	•	
S19314PZ	Halo Eyewash, plastic showerhead & bowl w/ hose spray		
S19314SB	Halo Eyewash, plastic showerhead, stainless steel bowl	•	
S19314SBZ	Halo Eyewash, plastic showerhead, stainless steel bowl		
S19314SBZS	Halo Eyewash, plastic showerhead, stainless steel bowl		•
S19314LL	Halo Eyewash, plastic showerhead, stainless steel bowl, hand/foot activated	•	
S19314LLZ	Halo Eyewash, plastic showerhead, stainless steel bowl, hand/foot activated		
S19314LLZS	Halo Eyewash, plastic showerhead, stainless steel bowl, hand/foot activated		•
S19314F	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl	•	
S19314FZ	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl		
S19314FZS	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl		•
S19314UU	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl, hand/foot operated Eyewash	•	
S19314UUZ	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl, hand/foot operated Eyewash		
S19314UUZS	Halo Eyewash, plastic showerhead w/ stainless steel shroud & bowl, hand/foot operated Eyewash		•
<b>Eyewashes with Dust Cover</b>			
S19314PDC	Halo Eyewash, plastic showerhead & bowl w/ dust cover	•	
S19314PDCZ	Halo Eyewash, plastic showerhead & bowl w/ dust cover		
S19314PDCZS	Halo Eyewash, plastic showerhead & bowl w/ dust cover		•
S19314DC	Halo Eyewash, plastic showerhead, stainless steel bowl & hinged dust cover	•	
S19314DCZ	Halo Eyewash, plastic showerhead, stainless steel bowl & hinged dust cover		
S19314DCZS	Halo Eyewash, plastic showerhead, stainless steel bowl & hinged dust cover		•
<b>Eye-Face Washes</b>			
S19314FW	Halo Eye/face wash, plastic showerhead & bowl	•	
S19314FWZ	Halo Eye/face wash, plastic showerhead & bowl		
S19314FWZS	Halo Eye/face wash, plastic showerhead & bowl		•
S19314SBFW	Halo Eye/face wash, plastic showerhead, stainless steel bowl	•	
S19314SBFWZ	Halo Eye/face wash, plastic showerhead, stainless steel bowl		
S19314SBFWZS	Halo Eye/face wash, plastic showerhead, stainless steel bowl		•
S19314AC	Halo Eye/face wash, plastic showerhead, stainless steel bowl, hand/foot operated Eyewash	•	
S19314ACZ	Halo Eye/face wash, plastic showerhead, stainless steel bowl, hand/foot operated Eyewash		
S19314ACZS	Halo Eye/face wash, plastic showerhead, stainless steel bowl, hand/foot operated Eyewash		•
S19314TT	Halo Eye/face wash, plastic showerhead w/ stainless steel shroud & bowl	•	

Halo Model No.	Description	UL certified to ANSI/ISEA	IAPMO Oceana certified to AS4775 & AS4020
<b>Eye-Face Washes</b>			
S19314TTZ	Halo Eye/face wash, plastic showerhead w/ stainless steel shroud & bowl		
S19314TTZS	Halo Eye/face wash, plastic showerhead w/ stainless steel shroud & bowl		•
S19314SPR	Halo Eye/face wash, stainless steel showerhead & bowl, hand/foot operated Eyewash	•	
S19314SPRZ	Halo Eye/face wash, stainless steel showerhead & bowl, hand/foot operated Eyewash		
S19314SPRZS	Halo Eye/face wash, stainless steel showerhead & bowl, hand/foot operated Eyewash		•
S19314BFPB	Halo Eye/face wash, barrier-free, plastic showerhead & bowl	•	
S19314BFPBZ	Halo Eye/face wash, barrier-free, plastic showerhead & bowl		
S19314BFPBZS	Halo Eye/face wash, barrier-free, plastic showerhead & bowl		•
S19314BF	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl	•	
S19314BFZ	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl		
S19314BFZS	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl		•
<b>Eye-Face Washes with Dust covers</b>			
S19314PDCFVW	Halo Eye/face wash, plastic showerhead & bowl w/ dust cover	•	
S19314PDCFVZ	Halo Eye/face wash, plastic showerhead & bowl w/ dust cover		
S19314PDCFVZS	Halo Eye/face wash, plastic showerhead & bowl w/ dust cover		•
S19314DCFW	Halo Eye/face wash, plastic showerhead, stainless steel bowl & hinged dust cover	•	
S19314DCFWZ	Halo Eye/face wash, plastic showerhead, stainless steel bowl & hinged dust cover		
S19314DCFWZS	Halo Eye/face wash, plastic showerhead, stainless steel bowl & hinged dust cover		•
S19314DCBF	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl w/ dust cover	•	
S19314DCBFZ	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl w/ dust cover		
S19314DCBFZS	Halo Eye/face wash, barrier-free, plastic showerhead, stainless steel bowl w/ dust cover		•
<b>Eye-Face Washes without Eyewash Bowl</b>			
S19314GG	Halo Eye/face wash, plastic showerhead, no bowl	•	
S19314GGZ	Halo Eye/face wash, plastic showerhead, no bowl		
S19314GGZS	Halo Eye/face wash, plastic showerhead, no bowl		•
<b>All Stainless Steel Eye/Face Wash</b>			
S19314BFSS	Halo stainless steel eye/face wash and showerhead, barrier free	•	
S19314BFSSZ	Halo stainless steel eye/face wash and showerhead, barrier free		•
S19314FSS	Halo stainless steel eye/face wash and showerhead	•	
S19314FSSZ	Halo stainless steel eye/face wash and showerhead		•
S19314SC	Halo stainless steel eye/face wash and bowl, cover and showerhead	•	
S19314SCZ	Halo stainless steel eye/face wash and bowl, cover and showerhead		•
S19314SS	Halo stainless steel eye/face wash and showerhead with foot activation	•	
S19314SSZ	Halo stainless steel eye/face wash and showerhead with foot activation		•
S19314SS16	Halo 316 stainless steel eye/face wash and showerhead with foot activation	•	
S19314SS16Z	Halo 316 stainless steel eye/face wash and showerhead with foot activation		•





MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG
<b>Fixtures</b>		S19214BZ	18	S19224DCFWZS	29	S19-274BL	66	S19314DCZ	37
CLE Series	51	S19214BZS	18	S19224DCPT	27	S19274C	70	S19314DCZS	37
NTS1	53	S19214DC	19	S19224DCPTZ	27	S19274E	71	S19314DCBF	40
NTS2	53	S19214DCZ	19	S19224DCPTZS	27	S19-274F	66	S19314DCBFZ	40
SNA Series	51	S19214DCZS	19	S19224DCRPT	29	S19-274FL	66	S19314DCBFZS	40
S19-T120	53	S19214DCFW	20	S19224DCRPTZ	29	S19274HD	70	S19314DCFW	40
S19-110	10	S19214DCFWZ	20	S19224DCRPTZS	30	S19274HDR	70	S19314DCFWZ	40
S19-110BF	10	S19214DCFWZS	21	S19224EW	25	S19274HDB	70	S19314DCFWZS	40
S19-110BFSS	10	S19214EW	18	S19224EWZ	25	S19274HDS	70	S19314EW	35
S19-110BFSSZ	10	S19214EWZ	18	S19224EWZS	25	S19274HW	70	S19314EWZ	35
S19-110SS	10	S19214EWZS	18	S19224FW	27	S19274HWHB	70	S19314EWZS	35
S19-110SSZ	10	S19214FW	19	S19224FWZ	27	S19274HWR	70	S19314F	36
S19-110Z	10	S19214FWZ	19	S19224FWZS	27	S19274JD	71	S19314FZ	36
S19-120	12	S19214FWZS	19	S19224FWPT	27	S19274JDB	71	S19314FZS	36
S19-120A	12	S19214P	20	S19224FWPTZ	27	S19274JW	71	S19314FW	37
S19-120ABF	13	S19214PZ	20	S19224FWPTZS	27	S19274JWB	71	S19314FWZ	37
S19-120AZ	12	S19214PDC	18	S19224P	28	S19284H	73	S19314FWZS	37
S19-120BF	13	S19214PDCZ	18	S19224PZ	28	S19284HB	73	S19314FSS	41
S19-120FM	13	S19214PDCZS	18	S19224PDC	26	S19284J	73	S19314FSSZ	41
S19-120FMBF	13	S19214PDCFW	20	S19224PDCZ	26	S19284JB	73	S19314GG	40
S19-120HFP	12	S19214PDCFWZ	20	S19224PDCZS	26	S19294HB	74	S19314GGZ	40
S19-120P	12	S19214PDCFWZS	20	S19224PDCFW	29	S19294HBT	74	S19314GGZS	41
S19-120SS	12	S19214SC	21	S19224PDCFWZ	29	S19294JB	74	S19314LL	35
S19-120SSZ	12	S19214SCZ	21	S19224PDCFWZS	29	S19294JBT	74	S19314LLZ	35
S19-120SSBF	13	S19214SS	21	S19224PT	25	S19-304D2B	45	S19314LLZS	36
S19-120SSBFZ	13	S19214SSZ	21	S19224PTZ	25	S19-304D2BL	45	S19314P	35
S19-120T	13	S19214Y	19	S19224PTZS	25	S19-304D2T	45	S19314PZ	35
S19-120Z	12	S19214YZ	19	S19224SC	30	S19-304D2TL	45	S19314PDC	36
S19-125BF	73	S19214YZS	19	S19224SCZ	30	S19-304GAB	45	S19314PDCZ	36
S19-125FMBF	73	S19214YF	20	S19224SS	30	S19-304GABL	45	S19314PDCZS	37
S19-130	14	S19214YFZ	20	S19224SSZ	30	S19-304GAT	45	S19314PDCFW	39
S19-130A	14	S19214YFZS	20	S19224T	28	S19-304GATL	45	S19314PDCFWZ	39
S19-130ABF	14	S19-2150	53	S19224TZ	28	S19-310TW	41	S19314PDCFWZS	40
S19-130BF	14	S19-2200	53	S19224TZS	28	S19-310PVC	42	S19314SB	35
S19-130SS	14	S19-220HFP	30	S19224TPT	28	S19314AC	38	S19314SBZ	35
S19-130SSZ	14	S19224B	25	S19224TPTZ	28	S19314ACZ	38	S19314SBZS	35
S19-130SSBF	14	S19224BZ	25	S19224TPTZS	28	S19314ACZS	38	S19314SBFW	37
S19-130SSBFZ	14	S19224BZS	25	S19224Y	28	S19314BF	39	S19314SBFWZ	37
S19-130Z	14	S19224BPT	26	S19224YZ	28	S19314BFZ	39	S19314SBFWZS	38
S19-2000	53	S19224BPTZ	26	S19224YZS	29	S19314BFZS	39	S19314SC	41
S19-200B	66	S19224BPTZS	26	S19-2250	53	S19314BFPB	39	S19314SCZ	41
S19-2010	53	S19224DC	26	S19-2300	53	S19314BFPBZ	39	S19314SPR	38
S19-2100	53	S19224DCZ	26	S19-2350	53	S19314BFPBZS	39	S19314SPRZ	38
S19214BSS	21	S19224DCZS	26	S19-244	66	S19314BFSS	41	S19314SPRZS	39
S19214BSSZ	21	S19224DCFW	29	S19-244FW	66	S19314BFSSZ	41	S19314SS	41
S19214B	18	S19224DCFWZ	29	S19-274B	66	S19314DC	37	S19314SSZ	41



MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG	MODEL NO.	PG
SI9314SS16	42	SI94401ICBC	64	SI9-690HR	82	S08-338	85	S45-2309	64, 91
SI9314SS16Z	42	SI94401ICBD	64	SI9-788HR	82	S08-390	88	S45-2310	64, 91
SI9314TT	38	SI944022ABC	64	S45-1964	89	SI9-949	92	S45-2396	89
SI9314TTZ	38	SI9-460	63	S45-2396	89	S21-071	87	S45-2453	86
SI9314TTZS	38	SI9-460EFW	63	<b>Replacement Parts</b>		S21-072	87	S45-2675	88
SI9314UU	36	SI9-465	63	107-371	86	S21-073	87	S45-2676	88
SI9314UUUZ	36	SI9-465EFW	63	113-1150	87	S21-074	87	S45-572	92
SI9314UUZS	36	SI9-500M	69	113-1151	87	S21-075	87	S45-620	92
SI9-319B2	57	SI9-500T	69	113-1159	86	S24-192	90	S53-063	86
SI9-319B4	57	SI9-500W	69	113-1185	86	S24-193	90	S53-310	86
SI9-319S2	57	SI9-505M	69	114-050	91	S24-194	90	S65-339	88
SI9-319S4	57	SI9-505T	69	114-050E	91	S24-195	90	S88-068	88
SI9-322D	55	SI9-505W	69	114-051	91	S24-196	90	S89-002	90
SI9-322E	55	SI9-670	81	114-051E	91	S24-200	90	S89-003	90
SI9-323D	55	SI9-671	81	114-052	91	S24-202	90	S90-388	88
SI9-323E	55	SI9-671H	81	114-052E	91	S27-265	90	S90-390	88
SI9-324D	56	SI9-672	81	125-032	87	S27-278	90	S90-391	88
SI9-324E	56	SI9-690	81	125-167	87	S27-282	85	S90-392	88
SI9-324DG	56	SI9-690H	81	128-135	85	S27-287	85		
SI9-324EG	56	SI9-690LHS	81	128-156A	89	S27-303	64, 91		
SI9-324DGW	56	SI9-788	81	128-156B	89	S27-327	88		
SI9-324EGW	56	SI9-788H	81	128-156C	89	S27-328	88		
SI9-324D2D	56	SI9-788LHS	81	128-156D	89	S30-059	90		
SI9-324D1D	56	SI9-921	79	128-156E	89	S30-061	90		
SI9345HFB	75	SI9-921H	79	128-156F	89	S30-070	85		
SI9345HFBT	75	SI9-921HR	79, 82	128-157	89	S30-071	85		
SI9345HXB	75	SI9-949	79	133-152	79, 92	S30-072	85		
SI9345HXBT	75	<b>Accessories</b>		140-226	64, 90	S30-074	85		
SI9345JFB	75	SI9-322D	83	153-395	92	S30-075	85		
SI9345JFBT	75	SI9-322E	83	153-396	92	S30-087	85		
SI9345JXB	75	SI9-323D	83	153-401	92	S39-394	86		
SI9345JXBT	75	SI9-323E	83	154-058	86	S39-395	92		
SI9361	51	SI9-324D	83	154-147	90	S39-396	86		
SI9361HF	51	SI9-324D1D	84	187-053	86	S39-397	86		
SI9372	48	SI9-324D2D	84	187-320	88	S39-681	86		
SI9382	48	SI9-324DG	83	204-421	92	S39-682	86		
SI9384	48	SI9-324DGW	83	269-053	90	S39-817	90		
SI9387	48	SI9-324E	83	269-054	90	S45-122	85		
SI9388	48	SI9-324EG	83	269-1379	79, 92	S45-123	85		
SI9-399	79, 82	SI9-32EGW	83	269-1444	92	S45-1314SS	92		
SI9-430A	63	SI9-330	82	269-964	92	S45-1314SS16	92		
SI9-430D	63	SI9-330ST	82	S05-190	88	S45-1986	84		
SI9-430EH	63	SI9-430EH	82	S05-192	88	S45-1987	84		
SI9-430SH	63	SI9-430SH	82	S05-204	88	S45-1989	84		
SI944011ABC	64	SI9-671HR	82	S05-205	88	S45-1990	84		
SI944011BBC	64	SI9-690A	82	S08-336	85	S45-1964	89		



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