

Emergency Fixtures

Drench Showers

Eye and Eye/
Face Washes

Combination Drench
Shower Eye and
Eye/Face Washes

Enclosed Safety
Showers

Tankless Tempering
Systems

Drench Hoses

Laboratory Fixtures

Emergency
Thermostatic
Mixing Valves

Portable Eyewashes



What's New?



Halo Eye & Eye/ Face Washes

Pages 2, 14,
19, 26

See Classic Model vs Halo Cross Reference
on page 84 or on bradleycorp.com



SpinTec Showerheads

Pages 3, 7, 9, 26,
35, 38, 55, 74,
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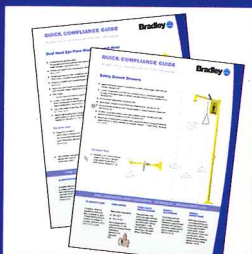
Enclosed Safety Showers

Pages 37, 38



Keltech Tankless Tempering Systems

Pages 4, 40, 41



Easy-to-read ANSI Quick Compliance Guides

Pages 6, 13, 25,
37, 46, 50, 63

New ANSI Quick Compliance Guide
booklet available!

Order or download at
[http://www.bradleycorp.com/customerservice/
litrequest.jsp#EmergencyFixtures](http://www.bradleycorp.com/customerservice/litrequest.jsp#EmergencyFixtures)

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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.

Bradex®

ON-SITE® WATER PRESERVATIVE KIT

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EMERGENCY THERMOSTATIC MIXING VALVES

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NEW

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! Meets CEN and Plumbing requirements.



4 The Aquaduct design is the only selfdraining 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.

Anti-microbial protection protects the eyewash and eye/facewash heads.

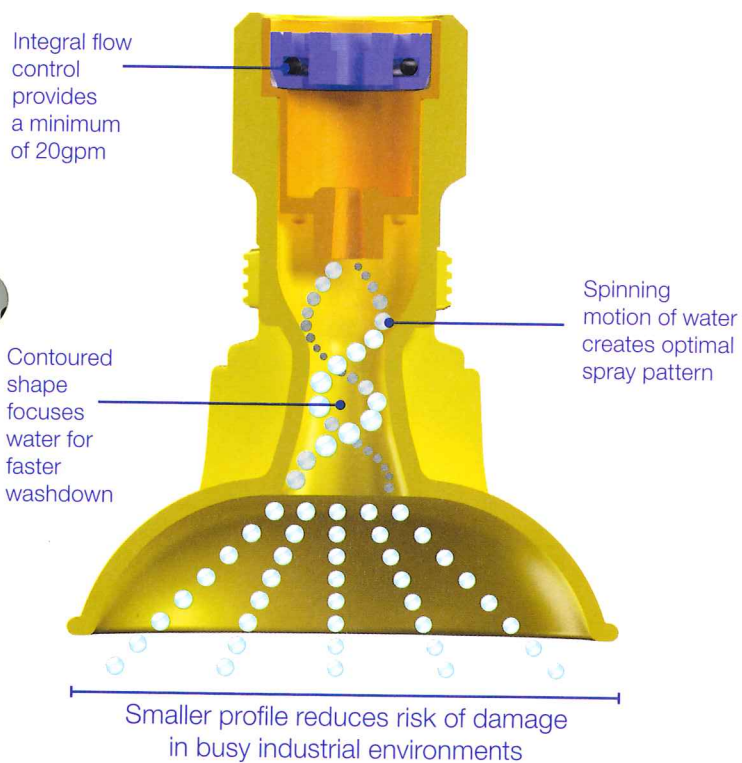
SpinTec™

SHOWERHEADS

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.



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.



INTRODUCING

Keltech

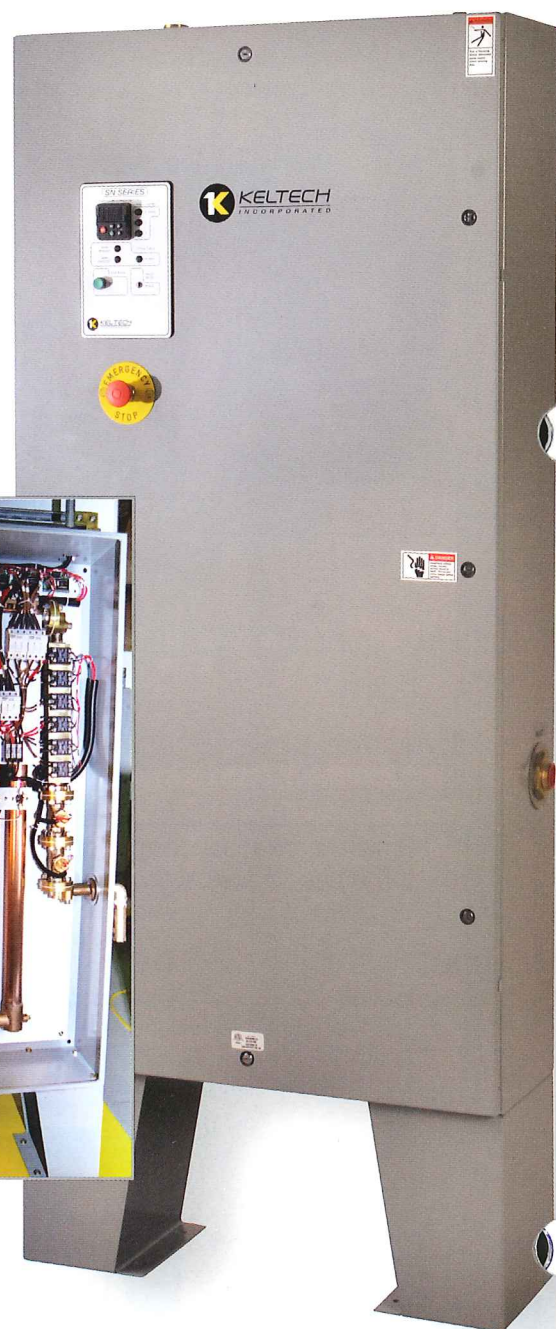
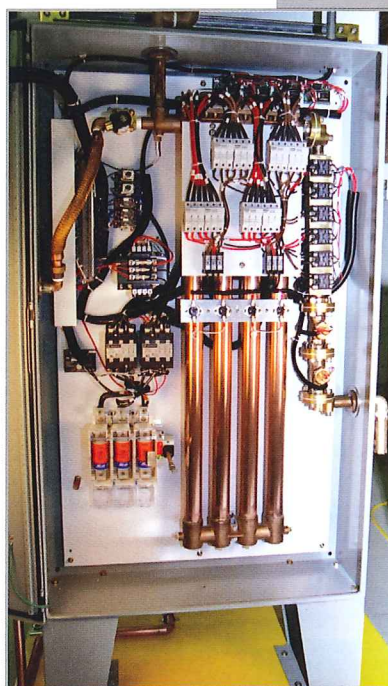
TANKLESS TEMPERING SYSTEMS

**TOUGH ENOUGH
FOR THE MOST EXTREME
ENVIRONMENTS ON EARTH**

EFFICIENT. PRECISE. FAST.

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

- No need to keep a 300 gallon 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 Z358.1 standards and third-party verified to UL/CSA standards
- Only ASME and NB certified electric Tankless Tempering Systems in the world
- Optional features include NEMA 4X stainless steel enclosures, explosion proof purge system, and freeze protection to -30°F



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 or 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 Z358.1-2009 for Emergency Eyewash and Shower Equipment provides detailed guidelines to which OSHA, State OSHA and other regulatory agencies commonly refer.

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.

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

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

Common hazards that require a 15-minute flush

- Dust, Dirt, Salt, Sand, Cardboard, Wood Chips, Powder, Fine Particulate
- Nails, Wood Splinters, Staples
- Metal Shavings, Filings, Dust, Concrete, Cement chips,
- Smoke, Flammable or Poisonous Gases
- Insecticides, Pesticides, Herbicides, Fumigants
- Solvents, Stains, Paint, Thinner, Acetone
- Bloodborne Pathogens; Blood, Bodily Fluids and Remains
- Caustic Water Treatment Chemicals
- Gas, Diesel, Cleaning Solvents, Antifreeze
- Laboratory Chemicals, Oxygen
- Bleach, Chlorine, Ammonia
- Battery Acid, Starter Fluid, Paints, Oils, Hydraulic Fluid
- Bacteria, Germs, Biohazards
- 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



COMPLIMENTARY CONFIDENTIAL EVALUATION!

We offer a **confidential no-charge evaluation** of your workspaces to assess your current situation and suggest a plan for your emergency equipment needs.

QUICK COMPLIANCE GUIDE

This guide serves as a supplement to the ANSI Z358.1-2009 standard.

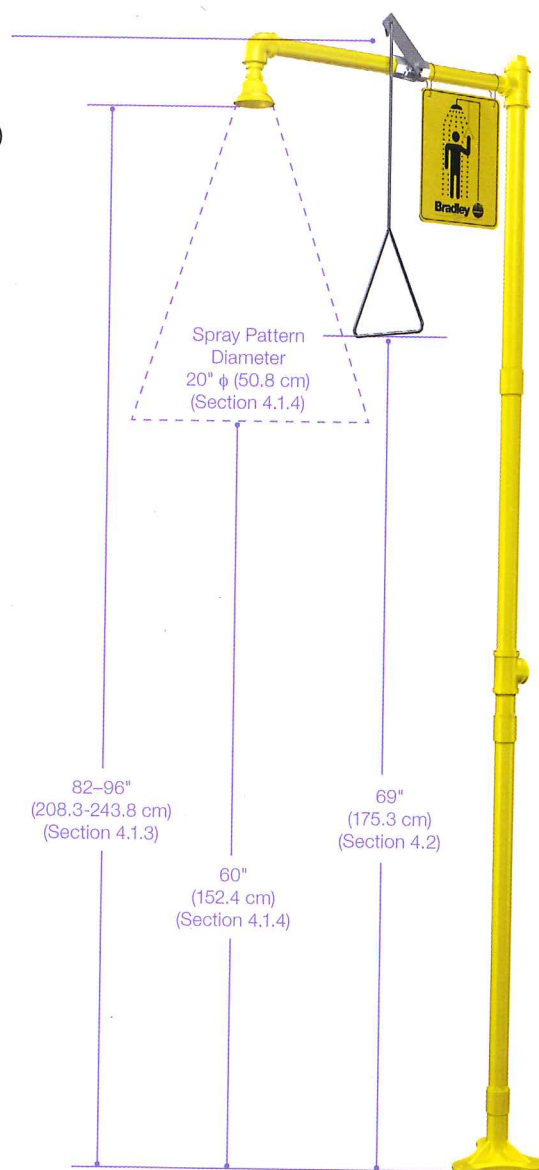
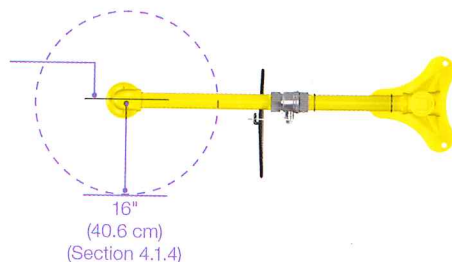


Safety Drench Showers

- Valve mechanism opens in one second or less; it stays open until manually closed. (Section 4.2)
- 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 feet 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 alarm 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" radius from the center of the drench shower spray pattern to be free of obstructions. (Section 4.1.4)



FREE CONFIDENTIAL SAFETY EVALUATION 800.BRADLEY BRADLEYSAFETY.COM

15-MINUTE FLUSH

Compliant showers release a continuous flow of at least 20 gpm 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)

TEPID WATER

Tepid water (lukewarm):

- 60–100°F
- 15.6–37.8°C

Encourages full 15-minute flush or until medical personnel arrive. (Definitions, Section 4.5.6, Appendix B6)

THIRD-PARTY CERTIFICATIONS

Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)

WEEKLY ACTIVATIONS

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)

ANNUAL INSPECTIONS

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)



FREESTANDING DRENCH SHOWERS

S19-110 SERIES



KEY FEATURES

SpinTec™ showerhead improves water distribution

Exceeds ANSI minimum water flow of 20 GPM at 30 PSI

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" NPT inlet

One-year warranty

Top- or mid-level supply standard on all drench showers and combination units

All items comply with ANSI Z358.1

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.

EMERGENCY FIXTURE FACTS

Drench showers are required to have 16 inches of clearance around the fixture, from the center of the spray pattern.

ANSI Z358.1 Section 4.1.4

SUGGESTED ACCESSORIES

Standard and Explosion-proof Alarm Systems	PAGE 43-44
Drench Hose Spray Kits	PAGE 72
Retrofit Dust Cover Kits	PAGE 77
Foot Treadle Kits	PAGE 68-69, 78
Freeze and Scald Protection Valves	PAGE 78

Other parts and accessories are listed beginning on page 68.

RECOMMENDED EMERGENCY TMV

NAVIGATOR EFX 25

S19-2100

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.



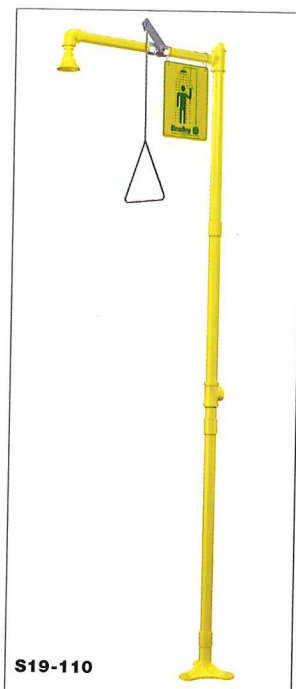
NAVIGATOR

FREESTANDING DRENCH SHOWERS

FREESTANDING DRENCH SHOWERS

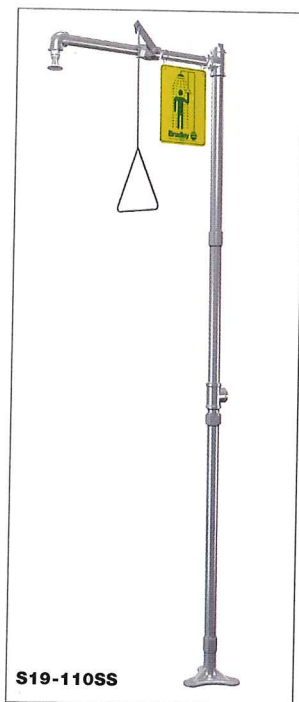
S19-110

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



S19-110SS

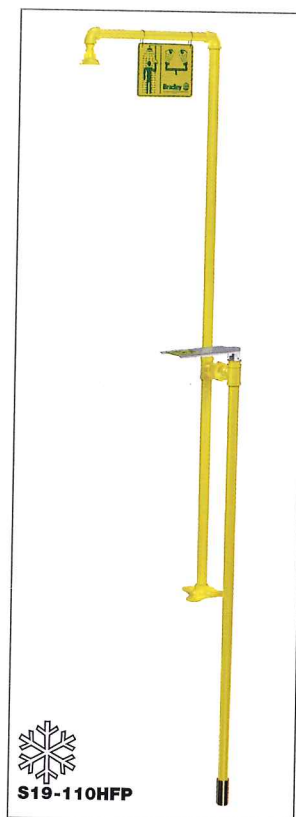
- Same features as S19-110, except is an all stainless steel fixture
- Bradley's stainless steel emergency fixtures in 304 stainless recommended for harsh environments
- UL classified to meet ANSI Z358.1



FROST-PROOF, FREESTANDING DRENCH SHOWER

S19-110HFP

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Plastic showerhead and plastic eyewash bowl
- Underground plumbing to prevent water freezing in the supply line
- Available in five bury depths:
 - **S19-110HFP18** (18")
 - **S19-110HFP3** (3') – standard
 - **S19-110HFP4** (4')
 - **S19-110HFP5** (5')
 - **S19-110HFP6** (6')
- UL classified to meet ANSI Z358.1



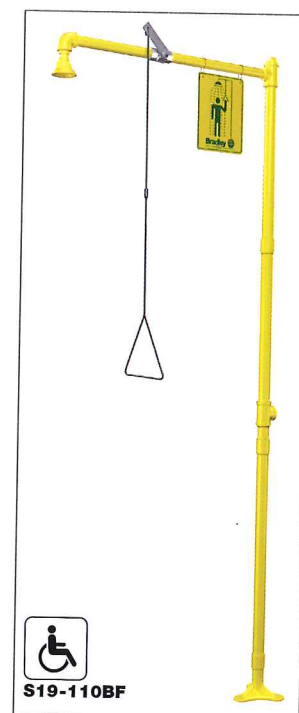
BARRIER-FREE, FREESTANDING DRENCH SHOWERS

S19-110BF

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

S19-110BFSS

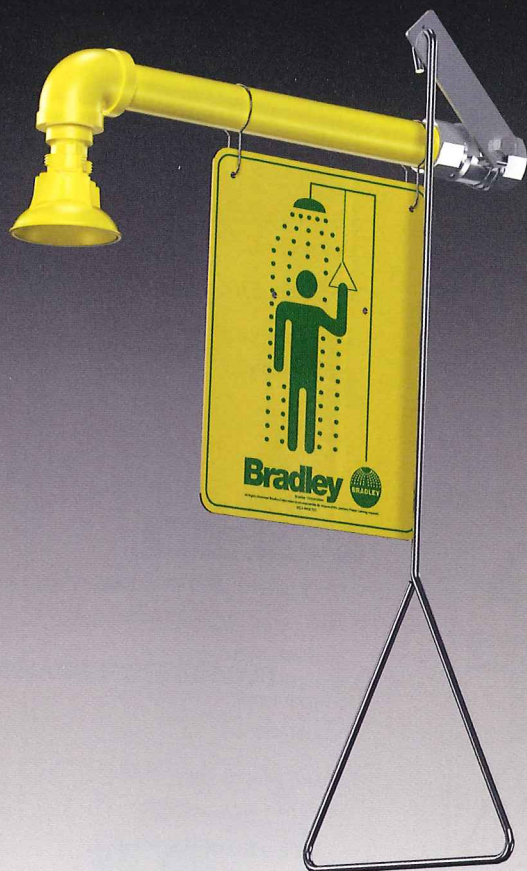
- Same features as S19-110BF, except is an all stainless steel fixture
- Bradley's stainless steel emergency fixtures in 304 stainless recommended for harsh environments
- UL classified to meet ANSI Z358.1



Please see page 4 for a complete listing of Bradley's barrier-free emergency products.

HORIZONTAL/VERTICAL DRENCH SHOWERS

S19-120 and S19-130 SERIES



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" water supply

Freestanding: 1¼" water supply

All items comply with ANSI Z358.1

- Exceptions are S19-120G and S19-130F

One-year warranty

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 patent pending design features an integral 23 GPM 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.

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 Z358.1 Section 4.2

SUGGESTED ACCESSORIES

Standard and Explosion-proof Alarm Systems	PAGE 43-44
Drench Hose Spray Kits	PAGE 72
Freeze and Scald Protection Valves	PAGE 78

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RECOMMENDED EMERGENCY TMV

NAVIGATOR EFX 25

S19-2100

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.



NAVIGATOR

HORIZONTAL/VERTICAL DRENCH SHOWERS

HORIZONTAL DRENCH SHOWERS

S19-120

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



S19-120A

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



S19-120SS

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



FLOW CONTROLS

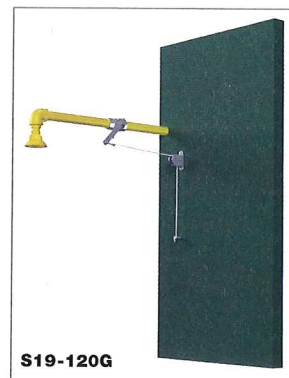
- In the interest of water conservation, each showerhead features an integral 20 GPM flow control.

This item must be purchased separately for most competing brands.

CORD-OPERATED HORIZONTAL DRENCH SHOWERS

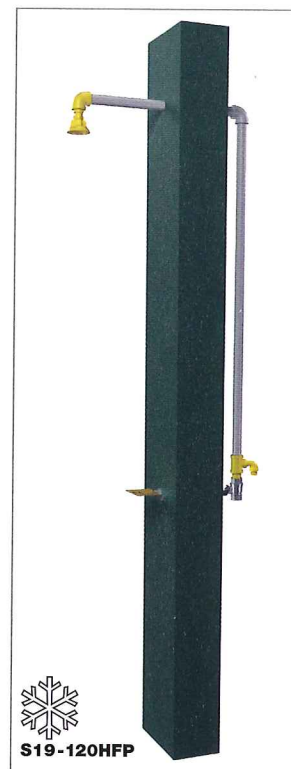
S19-120G

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Impact-resistant plastic showerhead
- Includes self-closing ball valve
- Does not comply with ANSI Z358.1



S19-120HFP

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Impact-resistant plastic showerhead
- Available in three wall thicknesses:
 - **S19-120HFP8** (0-8")
 - **S19-120HFP12** (8-12") - standard
 - **S19-120HFP18** (12-18")
- UL classified to meet ANSI Z358.1



FROST PROOF



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

HORIZONTAL DRENCH SHOWER WITH HOSE SPRAY

S19-120P

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Impact-resistant plastic showerhead
- Includes 8' drench hose for body rinse
- Easily wall mounted
- UL classified to meet ANSI Z358.1



CHROME-PLATED BRASS HORIZONTAL DRENCH SHOWER

S19-120T

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



FLUSH-MOUNTED HORIZONTAL DRENCH SHOWER

S19-120FM

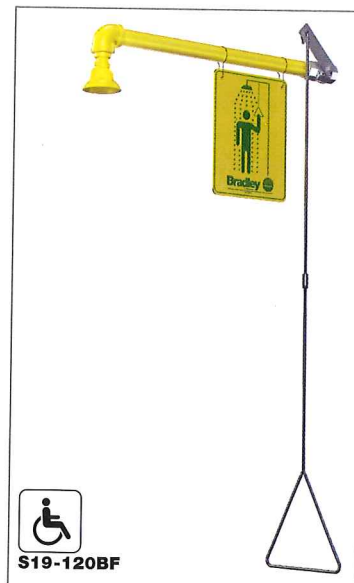
- Integral flange mounts flush with ceiling
- Concealed pipe and fittings
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- UL classified to meet ANSI Z358.1



BARRIER-FREE HORIZONTAL DRENCH SHOWERS

S19-120BF

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



S19-120ABF

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



S19-120SSBF

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



BARRIER-FREE, FLUSH-MOUNTED HORIZONTAL DRENCH SHOWER

S19-120FMBF

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



VERTICAL DRENCH SHOWERS

VERTICAL DRENCH SHOWERS

S19-130

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



S19-130

S19-130A

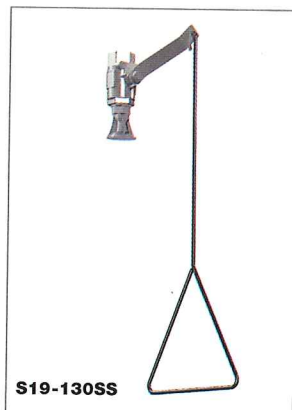
- Same features as S19-130, except with stainless steel shroud
- UL classified to meet ANSI Z358.1



S19-130A

S19-130SS

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



S19-130SS

BARRIER FREE



All barrier-free models feature extended pipe lengths to accommodate disabled users while continuing to provide the ease of use of a standard fixture.

CORD-OPERATED VERTICAL DRENCH SHOWER

S19-130F

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Impact-resistant plastic showerhead
- Includes self-closing ball valve
- Self-closing valve does not comply with ANSI Z358.1
- UL classified to meet ANSI Z358.1

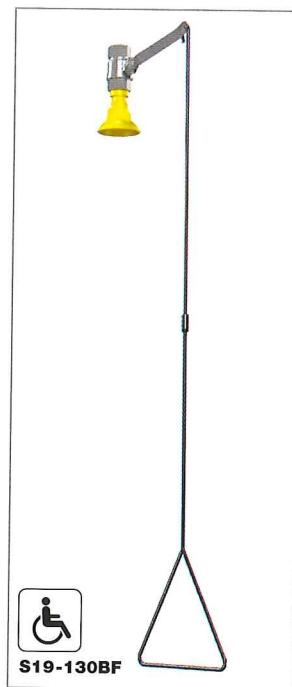


S19-130F

BARRIER-FREE VERTICAL DRENCH SHOWERS

S19-130BF

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



S19-130BF

S19-130ABF

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

S19-130SSBF

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

QUICK COMPLIANCE GUIDE



This guide serves as a supplement to the ANSI Z358.1-2009 standard.

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)
- 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 feet 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)
- 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 for 15 minutes. (Section 5.1.6)
 - Eye/face wash unit delivers a minimum of 3.0 gpm 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 alarm 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" from the outside of the eye or eye/face wash sprayheads. (Sections 5.4.4, 6.4.4)
- Use a Bradley test gauge (Model 269-1444) to check flow pattern.



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15-MINUTE FLUSH

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)

TEPID WATER

Tepid water (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)



THIRD-PARTY CERTIFICATIONS

Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)

WEEKLY ACTIVATIONS

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)

ANNUAL INSPECTIONS

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)

PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

S19214 SERIES



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" water supply

1 1/4" waste

All pedestal-mounted units with Halo meet barrier-free requirements

All items comply with ANSI Z358.1

One-year warranty

DON'T SEE THE PRODUCT YOU ARE LOOKING FOR?
GO TO PAGE 18 TO USE THE S19214 CONFIGURATOR

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 annual inspections to facilities, providing expert advice about emergency fixture solutions.

EMERGENCY FIXTURE FACTS

The emergency fixture must provide a continuous flow of flushing fluid.

ANSI Z358.1 Section 5.4.5, 6.4.5

SUGGESTED ACCESSORIES

Standard and Explosion-proof Alarm Systems	PAGE 43-44
Drench Hose Spray Kits	PAGE 72
Retrofit Dust Cover Kits	PAGE 77
Foot Treadle Kits	PAGE 68-69, 78
Freeze and Scald Protection Valves	PAGE 78

Other parts and accessories are listed beginning on page 68.

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.



NAVIGATOR

PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

PEDESTAL-MOUNTED EYEWASHES

S19214EW

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



S19214DC

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



S19214B

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- UL classified to meet ANSI Z358.1



PEDESTAL-MOUNTED EYE/FACE WASHES

S19214FW

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



PEDESTAL-MOUNTED EYEWASHES WITH HINGED DUST COVER

S19214PDC

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



S19214Y

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- UL classified to meet ANSI Z358.1



PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

S19214YF

- Hand or foot operation
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- UL classified to meet ANSI Z358.1



S19214YF

S19214DCFW

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



S19214DCFW

PEDESTAL-MOUNTED EYE/FACE WASH WITH HOSE SPRAY

S19214P

- 8' hand-held drench hose attachment for body rinse
- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- UL classified to meet ANSI Z358.1



S19214P

PEDESTAL-MOUNTED EYE/FACE WASHES WITH HINGED DUST COVER

S19214PDCFW

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

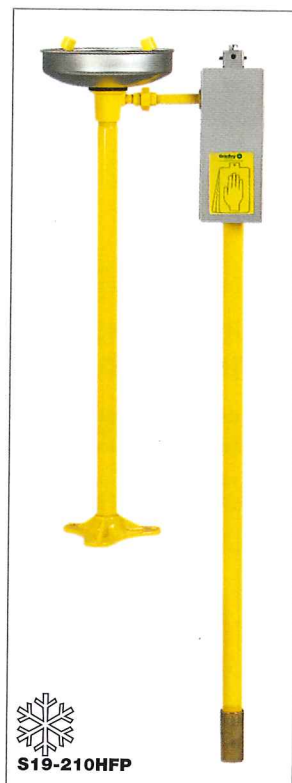


S19214PDCFW

FROST-PROOF PEDESTAL-MOUNTED EYEWASH

S19-210HFP

- Galvanized steel protected with BradTect corrosion-resistant yellow coating
- Stainless steel bowl
- Available in five bury depths:
 - S19-210HFP18 (18")
 - S19-210HFP3 (3') – standard
 - S19-210HFP4 (4')
 - S19-210HFP5 (5')
 - S19-210HFP6 (6')
- UL classified to meet ANSI Z358.1



S19-210HFP

PEDESTAL-MOUNTED EYEWASH WITH CHROME-PLATED BRASS FINISH

S19-210U

- Chrome-plated brass pipe and fittings for bright, mirror finish
- Stainless steel bowl
- UL classified to meet ANSI Z358.1

PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

ALL STAINLESS STEEL PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

S19-210BSS

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



S19-210BSS

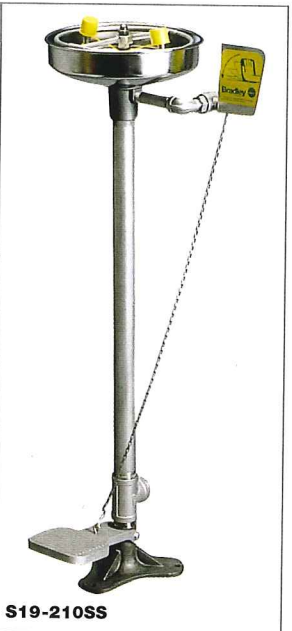
S19-210SC

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

ALL STAINLESS STEEL PEDESTAL-MOUNTED EYEWASHES AND EYE/FACE WASHES

S19-210SS

- All stainless steel fixture
- Hand or foot operation
- Chrome-plated circular spray ring for full face spray
- UL classified to meet ANSI Z358.1



S19-210SS

S19-210X

- All stainless steel fixture
- Hand or foot operation
- Stainless steel bowl w/spray ring
- UL classified to meet ANSI Z358.1

EYEWASHES

When the safety risk targets the eye area, Bradley's eyewashes are the recommended solution for emergency care. The chrome-plated eyewash sprayheads flow at approximately 4.3 gallons per minute, exceeding ANSI's 0.4 GPM 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 4.3 gallons per minute. Eye/face washes are considered premium fixtures that exceed ANSI's 3.0 GPM mandate.

EYE/FACE WASH WITH SPRAY RING

The eye/face spray ring provides a circular pattern of water to flush the face while the chrome-plated eyewash heads flush the eyes. Fixtures that feature an eye/face spray ring provide a superior flush that gently covers the entire face. Bradley fixtures with a face/spray ring distribute approximately 3.7 GPM of water across the entire face in a constant flow, which exceeds ANSI's 3.0 GPM requirement.



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.

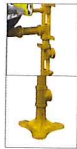
Foot treadles are available as standard equipment on some eye and eye/face washes, or can be ordered as a retrofit kit.



S19214 SERIES CONFIGURATOR

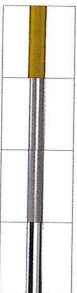
Don't see a model that meets your application? Use the selections below to build one to suit your needs. Select one option from each category. Fill in the squares below with the corresponding option letter or number. Use the resulting alphanumeric number to specify the model and configuration for your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

1 Configuration



- B 24" Drain Height
- 0 Standard, 6" Drain Height

2 Pipe Material



- A NPT, Yellow BradTect®
Galvanized Steel, 1¼"
- B NPT, All 304 Stainless Steel, 1¼"
- C NPT, All 316 Stainless Steel,* 1¼"
- D NPT, Chrome-Plated, 1¼"

NOTE: SS pipes require the use of a stainless steel yoke

3 Ball Valve



- 1 Stay-Open Shower and Eyewash,
Chrome-Plated Brass
- 2 Stay-Open Shower and 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
- G Halo Eyewash, 316 SS Yoke
- H Halo 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
- 0 No Bowl or Dust Cover

6 Activation



- A 304 SS Handle
- B 316 SS Handle
- C 304 SS Handle with Aluminum Foot Pedal*
- D 304 SS Handle with Stainless Steel Foot Pedal*
- E 316 SS Handle with Stainless Steel Foot Pedal*

7 Drench Hose and Backflow Prevention



- A Drench Hose Kit with Vacuum Breaker
- B Drench Hose Kit with N9 Backflow Preventer
- C Drench Hose Kit with 9D Backflow Preventer
- D Drench Hose Kit without Backflow Preventer
- O No Drench Hose and No Backflow 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 |

*Not available with barrier-free configurations. **Self-closing valves are not ANSI Z358.1 compliant.

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

S	1	9	2	1	4								
						1	2	3	4	5	6	7	8

WALL-MOUNTED EYEWASHES AND EYE/FACE WASHES

S19224 SERIES



DON'T SEE THE PRODUCT YOU ARE
LOOKING FOR? GO TO PAGE 24 TO USE
THE S19224 CONFIGURATOR

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.

EMERGENCY FIXTURE FACTS

An ANSI-compliant eyewash provides 15-minutes of flushing fluid.

ANSI Z358.1 Section 5.1.6, 6.1.6

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

All wall-mounted units with Halo meet barrier-free requirements

All items comply with ANSI Z358.1

One-year warranty

SUGGESTED ACCESSORIES

Standard and Explosion-proof Alarm Systems	PAGE 43-44
Drench Hose Spray Kits	PAGE 72
Retrofit Dust Cover Kits	PAGE 77
Foot Treadle Kits	PAGE 68-69, 78
Freeze and Scald Protection Valves	PAGE 78

Other parts and accessories are listed beginning on page 68.

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.

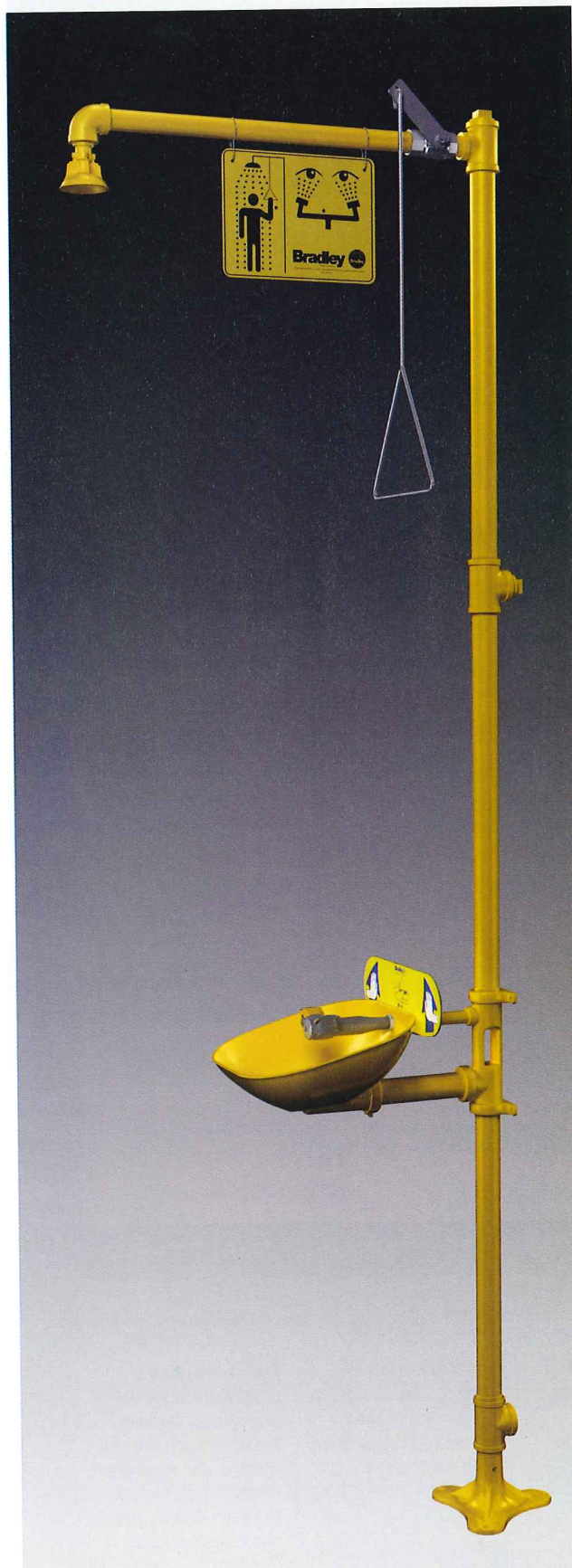
A thermostatic mixing valve is needed to mix the hot and cold water supply. Bradley's Navigator® TMVs are the most reliable emergency TMVs on the market. One valve is required per plumbed unit.



NAVIGATOR

COMBINATION DRENCH SHOWERS AND EYE/EYE-FACE WASHES

S19314 SERIES



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

1½" NPT inlet

Single-step eye or eye/face wash activation

Single-step drench shower activation

All items comply with ANSI Z358.1

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.

EMERGENCY FIXTURE FACTS

Locate safety fixtures 10 seconds or 55 feet from a hazardous area.

ANSI Z358.1 Section 7.4.2, Appendix B5

SUGGESTED ACCESSORIES

Standard and Explosion-proof Alarm Systems	PAGE 43-44
Drench Hose Spray Kits	PAGE 72
Retrofit Dust Cover Kits	PAGE 77
Foot Treadle Kits	PAGE 68-69, 78
Freeze and Scald Protection Valves	PAGE 77

Other parts and accessories are listed beginning on page 68.

RECOMMENDED EMERGENCY TMV

NAVIGATOR EFX 25

S19-2100

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.



NAVIGATOR

DON'T SEE THE PRODUCT YOU ARE LOOKING FOR?
GO TO PAGE 34 TO USE THE S19314 CONFIGURATOR

HEAT TRACE COMBINATION DRENCH SHOWER AND EYEWASH

S19-300 SERIES

KEY FEATURES

SpinTec™ showerhead improves water distribution

Freeze protection valve

1½" galvanized steel pipe

All items comply with ANSI Z358.1

One-year warranty

OVERVIEW

The heat trace combination unit is a custom emergency fixture selected by safety personnel searching for a combination drench shower and eye or eye/face wash that will not freeze when installed in a frigid environment, indoors or outdoors (-50°F/-45.5°C). The high-visibility fixture is insulated and covered by a yellow PVC shell, it features an integral freeze protection bleed valve, and is electrically rated as a Class I Division I or a Class I Division II explosion-proof fixture. Bradley's standard heat trace is equipped with galvanized pipe wrapped with heat trace cable; however corrosion-resistant stainless steel options are available upon request. Heat trace fixtures are available with an optional alarm system, indicator light, drench hose or anti-scald valve that complement this premium emergency fixture.

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 Z358.1 Section 6.4.5

RECOMMENDED EMERGENCY TMV

NAVIGATOR EFX 25

S19-2100

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.



NAVIGATOR

QUICK COMPLIANCE GUIDE



This guide serves as a supplement to the ANSI Z358.1-2009 standard.

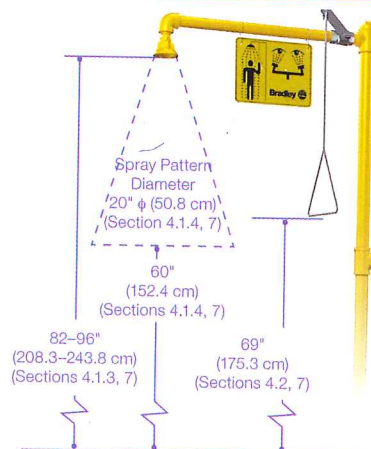
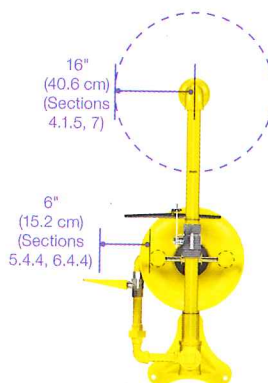
Enclosed Safety Showers



- 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 feet 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" 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" 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 eyewash delivers a minimum of .4 gpm for 15 minutes. (Sections 5.1.6, 7.1.2)
 - An eye/face wash delivers a minimum of 3.0 gpm 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.
- 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



FREE CONFIDENTIAL SAFETY EVALUATION 800.BRADLEY BRADLEYSAFETY.COM

15-MINUTE FLUSH

Compliant showers release a continuous flow of at least 20 GPM 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)

TEPID WATER

Tepid water (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)



THIRD-PARTY CERTIFICATIONS

Manufacturers may have their safety fixtures independently evaluated by a third-party testing organization. Look for certification when selecting a compliant fixture. (Definitions)

WEEKLY ACTIVATIONS

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)

ANNUAL INSPECTIONS

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)

ENCLOSED SAFETY SHOWERS

INDOOR & OUTDOOR MODELS



KEY FEATURES

Innovative drenching technology featuring:

- SpinTec™ showerhead for improved water distribution
- Halo™ rinsing platform

Superior design standards

- Vacuum-formed fiberglass
- R-12 insulation rating
- Indoor and Outdoor models

Premium features come standard

- Integral drain
- Portable
- NEMA 4X enclosure
- Drench hose

UL 94 V-0 self-extinguishing fire rating

Resins and insulation are rated as a Class 1 ASTM E84 to flame spread rating of less than 25

100% fiberglass surround construction highly resistant to chemicals and corrosion

Ideal for both indoor and outdoor applications

Custom engineered systems available

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.

EMERGENCY FIXTURES FACTS

Safety systems with multiple drenching platforms, (shower, eyewash and drench hose) must be capable of simultaneous activation while delivering tepid water for a duration of 15 minutes.

ANSI Z358.1 Section 7.4.4

An enclosure is recommended to protect against cold ambient temperatures.

ANSI Z358.1 Appendix B6

INDOOR ENCLOSED SAFETY SHOWERS



S19372 SERIES

- Tempered water inlet

S19374 SERIES

- Hot water tank

S19376 SERIES

- Self-contained

S19378 SERIES

- Tankless hot water heater

OUTDOOR ENCLOSED SAFETY SHOWERS



S19382 SERIES

- Tempered water inlet

S19384 SERIES

- Hot water tank

S19386 SERIES

- Self-contained

S19388 SERIES

- Tankless hot water heater