

# HUGHES



HUGHES-SAFETY-SHOWERS.COM

Justrite Safety Group



## *Emergency Safety Showers and Eye/Face Washes*

For indoor and outdoor use

# Europe's Largest Manufacturer of Emergency Safety Showers, Eye/Face Wash and Decontamination Equipment

Hughes Safety Showers put the safety of your workforce first by providing emergency safety showers, eye/face wash and decontamination equipment designed to operate across all industries regardless of location, climate or local hazards.

Established in 1968, Hughes has built a reputation for innovative engineering design, stringent quality standards and compliance with European and International standards. With offices and manufacturing facilities in the UK, Canada, Germany and the Middle East, complemented by a network of authorized distributors worldwide, you're in safe hands with Hughes Safety Showers.

In 2006 Hughes North America was established in Sarnia, Ontario Canada and in 2013, the manufacturing facility expanded to include an 18,000 sq ft factory and distribution center to serve North American customers with a full range of emergency response products, and is North America's leading manufacturer of tank showers.

In 2016, Hughes joined the Justrite Safety Group creating a stronger industrial safety company to better serve our customers. Justrite Safety Group covers every facet of the industrial safety landscape—from the storage, containment and clean-up of hazardous materials to motion safety, safety matting, and emergency showers.

## Approval and Compliance Key

<b>O</b>	Complies with Occupational Safety and Health Administration (OSHA) Regulations
<b>ENS</b>	Complies with European standard for showers, EN15154
<b>AN</b>	Meets or exceed American National Standards Institute (ANSI) Z358.1
<b>ULCLAS</b>	Tested and Approved by UL; Classified to ANSI Z358.1

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Due to ongoing product development, content within the catalog is subject to change.

# Contents

1. Galvanized steel
  - Most cost effective
  - Coated with a thin layer of zinc to help resist corrosion
  - Suitable for general, non-corrosive environments
2. Stainless steel
  - Highly durable and resistant to rust
  - Excellent for wet environments or where salt or salt spray is present
3. Stainless steel with powder paint finish (Hughes line of laboratory showers)
  - Extremely strong and most corrosion resistant
  - Attractive green finish complements lab environments



## Piping Material Choices



This represents the products shown in this catalog. Alternative options available upon request.

**In 2016 Hughes became a portfolio company of Justrite Safety Group.™**

For more than a century, Justrite has kept workers safe. We're trusted experts dedicated to protecting where the world works, ensuring every customer achieves compliance to regulations, and follows best practices for a safe and productive workplace.

Expert





*Start with the Essential.<sup>SM</sup>*

Justrite Safety Group is a growing family of leading industrial safety companies. We are united by deep safety knowledge, long experience, and a commitment to protecting people, property and the planet.



## Hughes Safety Showers: Trusted Reliability & Complete Compliance



U.S. Code of Federal Regulations 29 CFR 1910.151 Medical Services and First Aid indicates:

OSHA 1910.151(c) 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 ANSI Z358.1-2014 standard is recognized worldwide and considered to be the most comprehensive. It provides guidance for determining the flow rate, duration of operation, and water temperatures necessary for safe and effective use of any emergency safety shower and eyewash unit. It's important to meet the minimum requirements, which may be mandatory on some sites.



The European standard should be the first choice for guidance for EU based companies. EN 15154 takes guidance from the worldwide ANSI Z358-1, but also stipulates specific requirements on nozzle spray patterns for both plumbed in eye wash units and body showers for the laboratory.



Tested and Approved by UL; Classified to ANSI Z358.1. This independent evaluation by Underwriters Laboratories ensures specific Hughes safety eye/face washes and showers comply with the international standard, ANSI Z358.1. This catalog contains a partial list of emergency response equipment that has been tested and UL Classified. Additional models may be pending approval by UL.



## Why do I need emergency safety eyewashes and showers?

Emergencies occur daily in workplaces across a wide variety of industries. In some environments where injuries come as a result of chemical spills or splashes, caustic burns, or where airborne/blown particulates are common—the risk for an accident can be even greater. One part of every good safety program is preparedness, the ability to respond to an incident—hence the need for safety eyewashes and showers.

According to NIOSH Centers for Disease Control and Prevention, 2,000 eye injuries occur on the job every day in the U.S. The first ten seconds following exposure is critical to minimize serious injury. Immediate and proper treatment with an eyewash station is the best strategy for a positive outcome.

### Potential Workplace Hazards

Acids or bases.  
Caustic chemical  
compounds examples:

- ☑ *Sulfuric acid*
- ☑ *Hydrochloric acid*
- ☑ *Hydrofluoric acid*
- ☑ *Liquid ethylene oxide*
- ☑ *Chlorine*
- ☑ *Ammonia*
- ☑ *Sodium hydroxide*
- ☑ *Formaldehyde*

Flammable liquids,  
cleaning solvents

Lab chemicals

Stains, thinners,  
paints, acetone

Gas, diesel fuel, oils

Hydraulic fluid,  
battery acid, antifreeze

Pesticides, insecticides,  
herbicides, fertilizers

Fine particulates such as:

- ☑ *Dust*
- ☑ *Dirt*
- ☑ *Sand*
- ☑ *Salt*
- ☑ *Powders*

Wood chips and slivers,  
nails, staples

Welding sparks,  
UV radiation burns

Smoke, gases

Biohazards, bacteria, germs

Bodily fluids,  
bloodborne pathogens

### Benefits of Flushing

- Dilutes chemicals on skin/eye
- Flushes the chemicals out of the eyes or off the skin
- Warms/cool the body or eyes from a change of temperature due to chemical exposure
- Extinguishes burning clothes on the body



## Making The Right Choices

Many companies operate at the extremes, from desert to arctic conditions, and such challenging environments inevitably place harsh demands on safety equipment. There are fundamental points to consider when choosing emergency safety showers, irrespective of the industry or the location. Below is a short overview. Please consult the complete standard before purchasing or installing emergency safety equipment.

### Compliance with Recognized Standards

It is important to meet the minimum requirements, which may be mandatory on some sites, of International and European standards. The American National ANSI Z358.1-2014 standard is recognized worldwide and considered to be the most comprehensive. It provides guidance for determining the flow rate, duration of operation and water temperatures necessary for safe and effective use of any emergency safety shower and eye wash unit.

The ANSI standard identifies four essential requirements for the satisfactory operation of emergency safety showers and eye wash units.

#### 1. Adequate Water Flow

Emergency safety showers should deliver a minimum of 20 US gallons (76 liters) per minute of potable water for up to 15 minutes in the required pattern. Eye/face wash units should deliver 3 US gallons (11.4 liters) per minute for up to 15 minutes to ensure a thorough decontamination.

#### 2. Operation

Equipment must be both accessible and easy to operate, even if the victim has impaired vision. The shower and eye wash valve must be designed so the flushing flow remains on without the use of the operator's hands and goes from 'off' to 'on' in one second or less.

#### 3. Water Temperature

Water delivered by safety showers should be tepid, between 60°F-100°F (16°C-38°C). At temperatures above 100°F (38°C) there is the added danger of scalding and increased absorption of harmful chemicals into the skin. Prolonged exposure to water below 60°F (16°C) increases the risk of thermal shock or hypothermia.

#### 4. Location

Emergency safety showers should be installed within 10 seconds reach and on the same level as a potential hazard. They must be situated in a prominent position, clearly visible and free from any obstructions.

Emergency equipment must be visually inspected and activated weekly along with an annual service to assure conformance to ANSI and European standards. Overall a good maintenance program is essential to guarantee reliable and effective emergency equipment.

For technical support, contact:  
[customer.service@hughes-safety.com](mailto:customer.service@hughes-safety.com)  
+1 (866) 312-1652

## 8 Safety Eye/Face Washes



Eye/face wash stations deliver 3-gallons (11.4-liters) of water per minute for up to 15 minutes.

### Wall-Mounted Eye/Face Wash with Integral Lid

Intended for indoor use, this eye/face wash is constructed from durable, corrosion-resistant acrylic capped ABS

- Incorporating an integral lid connected to the water valve for automatic operation by simply pulling down the lid
- Covered bowl ensures the eye wash nozzles and bowl remain clean and free from contamination
- Aerated eye wash diffusers fitted with fine mesh strainers deliver a gentle flow of water with a soft scrubbing action
- Flow regulator valve ensures an optimum water flow and adjusts to suit the severity of the accident
- Large pictogram sign for greater visibility



Description	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Eye/face wash, closed ABS bowl	8.9 x 13.5 x 14.3 in 227 x 343 x 362 mm	1/2 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	45GEW	⚠

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Wall-Mounted Emergency Eye/Face Wash, Open Bowl

- Available with either a yellow plastic ABS or a corrosion resistant stainless steel bowl
- Twin spray nozzles protected by dust covers pop-off when eye wash is activated via the push plate
- Diffusers fitted with fine mesh strainers and an individual flow controller provide a gentle flow of aerated water to prevent further injury
- High-performance quarter-turn ball valve made of 316L stainless steel endures the harshest environments and site conditions
- Includes a separate 10 x 12-in (254 x 305-mm) universal eye wash sign for enhanced visibility as well as an inspection record tag for recording test and service history



Description	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Eye/face wash, open ABS bowl	11.6 x 16.9 x 15.7 in 295 x 429 x 400 mm	1/2 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	75GEW	⚠
Eye/face wash, open stainless steel bowl	11.6 x 16.9 x 15.7 in 295 x 429 x 400 mm	1/2 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	85GEW	⚠

## Laboratory Range Emergency Eye/Face Wash

- Wall, table, bench or pedestal mounted models featuring an easy to clean stainless steel green powder coated finish
- Pop-off dust covers protect the twin spray nozzles from contaminants
- Fine mesh strainers and an individual flow controller provide a gentle flow of aerated water to prevent further injury
- High-performance quarter-turn ball valve made of 316L stainless steel endures the harshest environments and site conditions
- Includes a separate 10 x 12-in (254 x 305-mm) universal eye wash sign for enhanced visibility as well as an inspection record tag



Description	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Stainless Steel	CA Prop 65
Laboratory eye/face wash, wall mount	11.6 x 16.9 x 15.7 in 295 x 429 x 400 mm	1/2 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	L85GS	⚠
Laboratory eye/face wash, table mount	8.3 x 16.9 x 11.8 in 210 x 429 x 300 mm	1/2 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	L85GST	⚠
Laboratory eye/face wash, pedestal mount	43.9 x 12.4 x 21.5 in 1116 x 314 x 547 mm	1 in (M)	29/2	3/11.4	AN, ENS, ULCLAS	L85GSP	⚠

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## 10 Safety Eye/Face Washes

### Pedestal Mounted Range of Eye/Face Wash Stations

The pedestal mounted units are generally located in open areas away from walls. The range is available with a choice of open bowl in ABS or stainless steel or acrylic capped ABS covered bowl.

- Available with stainless steel or galvanized mild steel pipework
- Suitable for use in both Class 1 Division 2 hazardous areas, as well as non-hazardous areas
- Featuring twin spray nozzles protected by dust covers that pop-off upon activation
- For cold climates with a minimum temperature of -4°F (-20°C) the freeze-protected models are trace-tape heated and insulated
- Includes universal eyewash sign and inspection tag
- Optional foot treadle for a secondary means of activation



75GSP  
Shown with  
optional  
treadle



85GP  
Shown with  
optional  
treadle



45GSP  
Shown with  
optional  
treadle



H45GP-1H  
Shown with  
optional  
treadle

Description	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel	CA Prop 65
Eye/face wash, open ABS bowl	45.5 x 12.4 x 21.2 in 1156 x 314 x 538 mm	1-1/4 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	75GP	75GSP	⚠
Eye/face wash, open stainless steel bowl	45.5 x 12.4 x 21.2 in 1156 x 314 x 538 mm	1-1/4 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	85GP	85GSP	⚠
Eye/face wash, closed ABS bowl	47 x 19.8 x 18.3 in 1194 x 502 x 464 mm	1-1/4 in (F)	29/2	3/11.4	AN, ENS, ULCLAS	45GP	45GSP	⚠
<b>Freeze Protected</b>								
Eye/face wash, closed ABS bowl, hazardous 120V, 60/50 Hz	48.1 x 14.8 x 24.9 in 1223 x 375 x 632 mm	1-1/4 in (M)	29/2	3/11.4	AN, ENS	H45GP-1H	H45GSP-1H	⚠
Eye/face wash, closed ABS bowl, hazardous 240V, 60/50 Hz	48.1 x 14.8 x 24.9 in 1223 x 375 x 632 mm	1-1/4 in (M)	29/2	3/11.4	AN, ENS	H45GP-2H	H45GSP-2H	⚠

Some assembly may be required.

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## Handheld Drench Hose and Eye/Face Wash

Suitable for hazardous environments where there is a risk of small spillages of chemicals or dangerous substances

- Fitted with pop-off dust covers, a non-return valve and flow regulator
- Complete with 4.9-foot (1.5-m) of reinforced hose, particularly useful for treating disabled personnel
- Lock-on actuating button for ease of use
- The twin nozzle version meets ANSI Z358.1 and EN 15154 standards providing 3 gallons (11.4 liter) per minute of flushing fluid for 15 minutes



Description	H x W x D	Inlet Size* NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Model
Wall mount, 1 nozzle, in-line	10.8 x 2.7 x 2.7 in (274 x 69 x 69 mm)	1/2 in (F)	22/1.5	2.1/8	OPT100
Wall mount, 2 nozzles, angled	13.4 x 5.9 x 5.4 in (341 x 149 x 137 mm)	1/2 in (F)	22/1.5	3/11.4	OPT500

\*Connector hose

## Portable, Pressurized Emergency Wash

Ideal in locations that are unsuitable for fixed installations and should be used as a secondary safety measure

- 2.9 US gallon (11 liter) stainless steel cylinder eye wash provides a gentle flow of water for two minutes
- Handheld eye wash diffuser on flexible hose for ease of use
- Includes an inspection record tag for recording test and service history



## Portable, Pressurized Emergency Wash

Ideal in locations that are unsuitable for fixed installations and should be used as a secondary safety measure

- 4 US gallon (15 liter) stainless steel cylinder with handheld drench hose delivers up to three minutes of water when pressurized to 100 PSI (6.9 bar) to effectively wash eyes, face and body
- Pressure gauge and dual action safety valve prevent over pressurization and allow the user to vent the cylinder for cleaning and maintenance
- Includes an inspection record tag for recording test and service history



Description	Capacity US Gallons /Liters	Operating Duration (min)	H x W x D	Water Flow per Minute US Gallons / Liters	Product Weight Full/Empty	Model
Portable, self-contained wash	2.9/11	2	27.2 x 7.1 x 7.1 in (692 x 180 x 180 mm)	1.59/6	33/9 lbs (15/4 kgs)	28GEW
Portable, self-contained wash	4/15	3	32.3 x 8.1 x 11.5 in (820 x 205 x 293 mm)	1.59/6	44/11 lbs (20/5 kgs)	38GEW

†These portable washes offer an effective solution in locations that are unsuitable for fixed installations and should be used as a secondary measure to supplement plumbed in eye/face wash units.

## 12 Indoor Emergency Safety Showers

### Indoor Combination Safety Showers and Eye/Face Wash

Suitable for use in all applications not subject to the possibility of freezing or overheating, these unheated safety showers meet ANSI Z358.1, EN 15154 and support OSHA requirements

- Available with stainless steel or galvanized mild steel pipework
- Choice of floor or wall mounted models with open or closed bowl eye/face wash
- High-performance quarter-turn ball valve made of 316L stainless steel endures the harshest environments and site conditions
- Corrosion free, powder coated easy-grip pull rod for fast activation
- Eye/face washes offer a high flow rate and feature aerated diffusers to provide a soft, scrubbing action to the eyes and face
- All models include a universal eye wash and safety shower sign for enhanced visibility, as well as an inspection tag for recording service and test history
- Optional foot treadle for a secondary means of activation



covered bowl



High performance shower valve ensures reliable, easy operation during an emergency.



open bowl

18G45GT with optional treadle

Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel	CA Prop 65
Open ABS bowl, eye/face wash, floor mount	103 x 12.4 x 29.5 in 2617 x 314 x 751 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	18G75G	18GS75G	⚠
Open stainless steel bowl, eye/face wash, floor mount	103 x 12.4 x 29.5 in 2617 x 314 x 751 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	18G85G	18GS85G	⚠
Closed ABS bowl, eye/face wash, floor mount, bottom inlet	103 x 19.8 x 30.2 in 2617 x 504 x 768 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	18G45G	18GS45G	⚠
Closed ABS bowl, eye/face wash, floor mount	103 x 19.8 x 30.2 in 2617 x 504 x 768 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	18G45GT	18GS45GT	⚠
Closed ABS bowl eye/face wash, wall mount	66.7 x 19.8 x 29 in 1695 x 504 x 737 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	33G45G	33GS45G	⚠

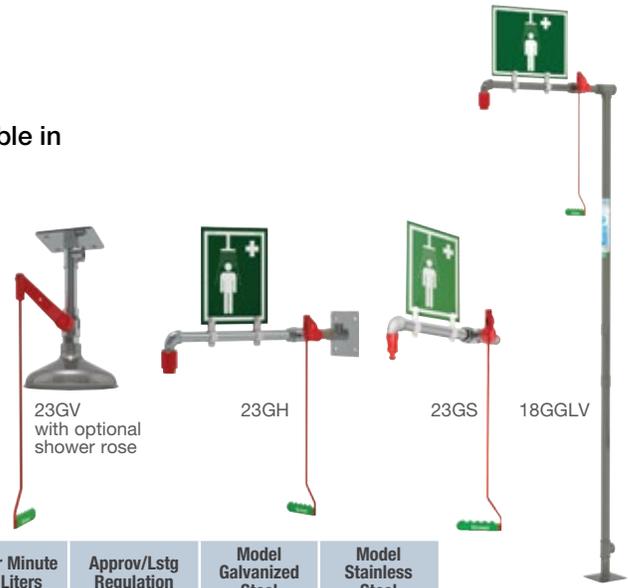
\*Dimensions include shower-mounted universal sign. Approximate height of sign is 12-in (305-mm). Some assembly may be required.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Indoor Emergency Safety Showers – Drench

These general purpose unheated safety showers are suitable in all applications that do not require an eye wash

- The range extends from wall or ceiling mounted units suitable for locations where space is at a premium to free-standing models
- Delivers a controlled flow of 20 US gallons (76 liters) per minute of flushing fluid as per ANSI Z358.1 and EN 15154 standards
- Includes universal eyewash sign and inspection tag



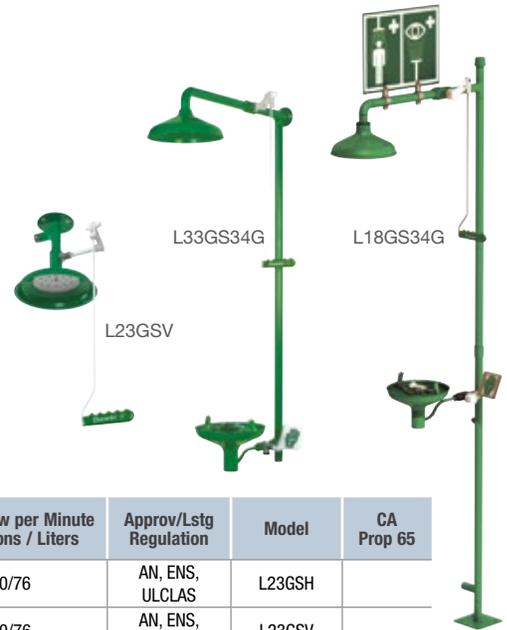
Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel
Floor mount	101.5 x 8.5 x 29.5 in 2579 x 215 x 751 mm	1-1/4 in (F)	22/1.5	20/76	AN, ENS, ULCLAS	18GGLV	18GS
Ceiling mount	31.6 x 8.4 x 5.9 in 804 x 214 x 150 mm	1 in (F)	22/1.5	20/76	AN, ENS, ULCLAS	23GV	23GSV
Wall mount	35.8 x 8.5 x 28.7 in 909 x 215 x 730 mm	1 in (F)	22/1.5	20/76	AN, ENS, ULCLAS	23GH	23GSH
Ring main mount	35.8 x 6.5 x 25.6 in 909 x 165 x 651 mm	1 in (M)	22/1.5	20/76	AN, ENS, ULCLAS	23GRM†	23GS†

\* Dimensions include 26-in (660-mm) pull handle, and the shower-mounted universal sign, where applicable. Approximate height of sign is 12-in (305-mm).  
 † Mounting plate not included.  
 Some assembly may be required.

## Indoor Emergency Safety Showers – Laboratory Range

This range of unheated models is suitable for laboratories and general light duty indoor use

- Powder coated stainless steel pipework ensures resistance to corrosive and flammable materials while also being easy to clean
- Wall, ceiling, ring main or floor mounted to suit all laboratory environments
- Floor and wall mounted models available with open bowl eye/face wash
- All models include an inspection tag for recording service and test history



Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Shower, wall mount	35.9 x 12.6 x 31.4 in 913 x 319 x 799 mm	1 in (M)	22/1.5	20/76	AN, ENS, ULCLAS	L23GSH	
Shower, ceiling mount	28.5 x 16.3 x 10.9 in 724 x 414 x 278 mm	1 in (M)	22/1.5	20/76	AN, ENS, ULCLAS	L23GSV	
Shower, ring main mount	35.9 x 13.1 x 24.4 in 913 x 334 x 620 mm	1 in (F)	22/1.5	20/76	AN, ENS, ULCLAS	L23GS†	
Laboratory combination shower, pen powder-coated stainless steel bowl, wall mount	66.2 x 12.6 x 31.4 in 1683 x 319 x 799 mm	1 in (M)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	L33GS34G	⚠
Laboratory combination shower, open powder-coated stainless steel bowl, floor mount	101 x 12.6 x 32.7 in 2566 x 319 x 830 mm	1 in (M)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	L18GS34G	⚠

\*Dimensions include 26-in (660-mm) pull handle, and the shower-mounted universal sign, where applicable. Approximate height of sign is 12-in (305-mm).  
 † Mounting plate not included.  
 Some assembly may be required.

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## 14 Accessories for Indoor Emergency Safety Showers

### Modesty Curtains

Protect the privacy of your personnel when they need to remove contaminated clothing during emergency shower use

- For retrofit onto any installed safety shower system
- Wall-mount model CURTAIN-WM for freestanding systems near a wall or wall-mounted plumbed systems
- Pipe-mount model CURTAIN-PM attaches to shower pipes with 0.875- to 1.375-in (22- to 35-mm) OD
- Includes two yellow curtains made of 200 denier nylon with water repellent finish, 90-in L x 82-in W (2286- x 2083-mm) each
- Powder coated steel construction provides resistance to harsh environments

Style	*Exterior H x W x D	Model
Pipe mounted	6.5 x 56 x 52 in (165 x 1422 x 1321 mm)	CURTAIN-PM
Wall mounted	11 x 52 x 35 in (280 x 1321 x 889 mm)	CURTAIN-WM

\*Brackets only—add an additional 90-in (2286-mm) to length for curtains



CURTAIN-PM

### Safety Shower Test Kit

Everything needed to flow-test overhead emergency showers as required by ANSI and ensure proper performance in the event of an accident

- Includes easy-to-assemble PVC support ring and handle with water resistant sleeve, 5 gallon high density polyethylene bucket, bucket cover and record log
- High-density polyethylene fiber sleeve directs shower discharge into bucket
- All items fit conveniently into the bucket for storage
- Suitable for all installed shower systems

Style	Exterior H x D	Model
Test kit for safety showers	81 x 11 in (2057 x 280 mm)	TEST-KIT



## Emergency Cubicle Showers

Designed for locations where space is at a premium or the emergency safety shower needs to be enclosed

- Integral drain sump and full length transparent plastic strip screen reduce the risk of water spray outside the cubicle
- Cubicles feature an ANSI compliant, eye/face wash with integral, durable acrylic capped ABS lid to protect against dust and debris
- Constructed from a corrosion resistant stainless steel hollow section frame enclosed in GRP wall sheeting with stainless steel pipes for an extended life
- Pull down handle for fast shower activation
- Models include a multi-nozzle decontamination shower with exterior eye/face wash or a combination shower and eye/face wash
- Multi-nozzle decontamination shower is activated by foot panel upon entry
- Option to upgrade to a model with a 120V sump pump, suitable for hazardous environments



Effective emergency treatment in laboratories or any area with limited space. (Shown without strip screens.)



SD32K45G-PUMP  
shown without strip screens



SD32K45G  
shown without strip screens



SD31K45G-PUMP  
shown without strip screens

Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Multi-nozzle body wash with strip screens, foot activated, externally mounted eye/face wash, hand activated	94.8 x 51.7 x 41.3 in 2408 x 1313 x 1049 mm	1 in (M)	50/3.5	30/115 (body) 3/11.4 (eye/face)	—	SD31K45G†	⚠
Multi-nozzle body wash with strip screens, foot activated, externally mounted eye/face wash, hand activated—sump pump, non-hazardous 120V, 60Hz	94.8 x 51.7 x 41.8 in 2408 x 1313 x 1061 mm	1 in (M)	50/3.5	30/115 (body) 3/11.4 (eye/face)	—	SD31K45G-PUMP†	⚠
Shower and internally mounted eye/face wash with strip screens, hand activated	94.8 x 40.2 x 41.3 in 2408 x 1021 x 1049 mm	1 in (M)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS	SD32K45G	⚠
Shower and internally mounted eye/face wash with strip screens, hand activated—sump pump, non-hazardous 120V, 60Hz	94.8 x 39.2 x 41.8 in 2408 x 995 x 1061 mm	1 in (M)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS	SD32K45G-PUMP	⚠

\*Dimensions include mounting plates and water inlets. †Eye/face washes are mounted on the exterior for maximum shower effectiveness.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Outdoor Self-Draining Emergency Safety Showers

In hot climates the power of the sun can heat standing water within the pipes of a safety shower to temperatures as high as 122°F (50°C), resulting in a considerable risk of shock and scalding to a casualty when activated. The unique design of the self-draining showers allows the standing water to drain away ensuring the delivery of tepid water.

- Ideal for use in climates with a maximum ambient temperature of 113°F (45°C)
- Both ANSI Z358.1-2014 and EN 15154 compliant, also supports OSHA requirements
- Available with stainless steel or galvanized mild steel pipework
- Select from a drench shower or combination safety shower with ABS or stainless steel open eye/face wash
- Includes universal eyewash sign and inspection tag
- Optional foot treadle for a secondary means of activation



Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel	CA Prop 65
Drench shower	101.7 x 16 x 29.5 in 2584 x 408 x 751 mm	1-1/4 in (F)	22/1.5	20/76	AN, ENS, ULCLAS	SD18G	SD18GS	⚠
Combination shower, open ABS bowl, eye/face wash	101.7 x 25.8 x 29.5 in 2584 x 654 x 751 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	SD18G75G	SD18GS75G	⚠
Combination shower, open stainless steel bowl, eye/face wash	101.7 x 25.8 x 29.5 in 2584 x 654 x 751 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	SD18G85G	SD18GS85G	⚠

\*Dimensions include the shower-mounted universal sign. Approximate height of sign is 12-in (305-mm). Some assembly may be required.

## 316L Stainless Steel Safety Shower Ball Valve Offers Reliable Operation When You Need It Most.

*On emergency safety showers, the valve is the first point of failure, that's why we insist on using the best. It's the only way to guarantee reliable, long life safety products that consistently deliver the most effective treatment in emergencies.*

Our high performance valves comply fully with the requirements of the internationally recognized ANSI Z358.1-2014 and EN 15154 standards.

- Investment cast 316L stainless steel construction withstands the harshest atmospheres and site conditions
- Integral heavy-duty stainless steel double stop-plate reduces applied force when activated—improves ability to handle rough operation without failure
- Unbreakable lever made of molded glass filled nylon ensures reliable activation
- Low operating torque designed for ease of operation in emergency situations



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## Outdoor Freeze-Protected Emergency Safety Showers

Use in climates with a minimum ambient operating temperature of -4°F (-20°C) or above, the range is jacketed and heated to prevent the possibility of the water inside the shower freezing

- Suitable for use in both Class 1 Division 2 hazardous areas, as well as non-hazardous areas
- Trace tape heating with polyethylene jacket and polyurethane foam insulation improve frost protection and strength
- Galvanized mild steel or stainless steel inner pipework for improved corrosion resistance
- Available with covered acrylic-capped ABS eye/face wash to protect the bowl and diffusers from dust and debris. Add optional foot treadle for a secondary means of activation.
- Wall mounted models available for use where space is at a premium



Heated and insulated for frost protection.



Description	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model Galvanized Steel	Model Stainless Steel	CA Prop 65
Drench shower, wall mount, hazardous 120V, 60/50Hz	38.1 x 10 x 36.4 in 969 x 254 x 924 mm	1 in (F)	22/1.5	20/76	AN, ENS	H2G-1H	H2GS-1H	
Drench shower, wall mount, hazardous 240V, 60/50Hz						H2G-2H	H2GS-2H	
Drench shower, floor mount, hazardous 120V, 60/50Hz	104.5 x 8.4 x 35.2 in 2654 x 214 x 894 mm	1-1/4 in (M)	22/1.5	20/76	AN, ENS	H5G-1H	H5GS-1H	
Drench shower, floor mount, hazardous 240V, 60/50Hz						H5G-2H	H5GS-2H	
Combination shower, closed ABS bowl, floor mount, hazardous 120V, 60/50Hz	104.5 x 14.7 x 35.2 in 2654 x 375 x 894 mm	1-1/4 in (M)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS	H5G45G-1H	H5GS45G-1H	⚠
Combination shower, closed ABS bowl, floor mount, hazardous 240V, 60/50Hz						H5G45G-2H	H5GS45G-2H	⚠

\* Dimensions include the shower-mounted universal sign. Approximate height of sign is 12-in (305-mm). Some assembly may be required.

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## 18 **Portable Safety Eye/Face Wash**

### **Portable, Pressurized Keg Mounted Eye Wash**

Cost-effective, ANSI-compliant solution for locations that are unsuitable for fixed installations or those without access to a plumbed-in water supply

- 15 US gallon (56.8 liter) stainless steel pressure vessel with built in carrying handles, provides emergency eye washing for up to 15 minutes
- Pop-off dust covers and push lever operation for ease of use
- Pressure gauge and dual action safety valve prevent over pressurization and allow the user to vent the cylinder for cleaning and maintenance
- Includes ANSI-compliant identification sign on activation lever and inspection tag for recording test and service history
- Use integral ½-in (F) NPT connection to attach optional drench hose for decontamination of body parts subjected to minor exposure



Start water flow with a simple push of the hand lever



Provides a continuous flow of water for up to 15 minutes.

Description	Capacity US Gallons / Liters	Operating Duration (min)	H x W x D*	Water Flow per Minute US Gallons / Liters	Product Weight Full/Empty	Approv/Lstg Regulation	Model	CA Prop 65
Portable, self-contained eye wash	15/56.8	15	41.2 x 15.9 x 15.9 in 1047 x 404 x 404 mm	0.4/1.5	127 lbs (57.8 kgs) 44 lbs (20 kgs)	AN, ENS	15GEW	⚠

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## Mobile Self-Contained Safety Shower and Eye Wash

For standby use in hazardous environments where no water or a constant supply of water is available, or when existing safety showers are undergoing maintenance

- 30 US gallon (114 liters) capacity capable of delivering a constant flow of water for 1-1/2 minutes
- Corrosion resistant, polypropylene-lined pressurized cylinder requires a hose connection from a water main to fill it
- Easily maneuvered by one person, adjustable wheel spacing allows the unit to fit through standard door openings
- Built-in A-frame with towing hitch and pneumatic tires allows it to be towed over longer distances or uneven surfaces
- Covered eye/face wash remains contaminate free
- Trace tape heated model is suitable for Class 1 Division 2 hazardous areas, and non-hazardous areas



Description	Capacity US Gallons / Liters	H x W x D*	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Model	CA Prop 65
Unheated mobile, self-contained safety shower	30/114	91.9 x 29.9 x 54.2 in 2334 x 759 x 1377 mm	1/2 in coupling	29/2	20/76 (shower) 3/11.4 (eye/face)	40K45G-A	⚠
Insulated mobile, self-contained safety shower	30/114	92.9 x 33 x 56.8 in 2341 x 839 x 1444 mm	1/2 in coupling	29/2	20/76 (shower) 3/11.4 (eye/face)	J40K45G-A	⚠
Trace tape heated and insulated mobile, self-contained safety shower, hazardous 120V, 60/50Hz	30/114	92.9 x 33 x 56.8 in 2341 x 839 x 1444 mm	1/2 in coupling	29/2	20/76 (shower) 3/11.4 (eye/face)	H40K45G-A-1H	⚠

\*Dimensions shown are for fully assembled shower.

## Mobile, Self-contained Safety Shower with Immersion Heater

Reliable, effective treatment for accident victims in remote locations where a water supply is unavailable

- Designed in accordance with ANSI and European standards, the 528 US gallon (2000 liter) tank provides a continuous flow of tepid water for over 15 minutes
- An integral immersion heater, controlled by a dual safety thermostat, maintains the water at a constant temperature
- Durable, chemical-resistant polyethylene tank incorporates an electric submersible pump requiring either a mains or generator-fed electricity supply
- Heavy-duty galvanized trailer with tow hitch featuring four braked wheels and pneumatic tires for easy movement between locations



Description	Capacity US Gallons / Liters	H x W x D*	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Mobile, self-contained safety shower with immersion heater, non-hazardous 110V, 60/50Hz	528/2000	117.2 x 69.3 x 169 in 2976 x 1760 x 4295 mm	20/76 (shower) 3/11.4 (eye/face)	AN, ENS	MHW2000-1	⚠

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## Multi-nozzle Portable Decontamination Shower

Protect first responders by decontaminating protective clothing to reduce the concentration of contaminants to an acceptable level

- 16 nozzle portable decon shower—lightweight yet robust for emergency use
- Hose legs become rigid under pressure to give 360° decontamination
- Compact and rugged carrying case duals as an effective base platform
- Quickly deployed in less than a minute
- Use for:
  - emergency hazmat responders
  - civil and military fire services
  - armed services and civil defense units
  - chemical and petrochemical personnel



Water flow of 462 gallons maximum per minute provides decontamination.



Description	Type	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Model
†Multi-nozzle portable decontamination shower, 16-nozzle	Packed	30.3 x 19.7 x 7.5 in (770 x 500 x 190 mm)	1-1/2 in NH (F)	44/3	462/1750 (max)	PORTA300-16E
	Assembled	97.6 x 33.5 x 51.2 in (2480 x 850 x 1300 mm)				

†Some assembly may be required.

## Temperature Controlled Showers

Designed to remain on standby to deliver warm water for over 15 minutes when connected to a water supply, these showers are intended for indoor or outdoor use

- Suitable for use in freezing conditions with a minimum ambient operating temperature of -4°F (-20°C)
- High flow rate thermostatically controlled mixing valve maintains water at a constant temperature between 68°F and 77°F (20°C and 25°C)
- Overhead shower and front mounted eye/face wash with protective lid are trace tape heated to prevent freezing
- The integral heated water tank is immersion heated and pre-insulated with polyurethane foam to minimize heat loss
- Insulated stainless steel frame and pipes with fiberglass casing provide improved corrosion resistance
- Choose from models for both Class 1 Division 2 hazardous areas, as well as non-hazardous areas
- Conforms to both ANSI and EU standards



Description	Capacity US Gallons / Liters	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Hazardous 240V, 60/50Hz	79/300	107.2 x 45.5 x 62.8 in 2724 x 1156 x 1595 mm	1-1/4 in (M)	32/2.2	20/76 (shower) 5.3/20 (eye/face)	AN, ENS	TC100KS11K-2H	⚠
Non-Hazardous 240V, 60/50Hz							TC100KS11K-2	⚠

### Ask about custom temperature controlled solutions for extreme conditions. Call us at +1 (866) 312 1652



Modular polar cubicle showers are fully enclosed trace-tape heated and insulated compartments with integral drain sumps that provide protection from the elements while showering. Stainless steel, double skinned, insulated frame with yellow GRP paneling makes the modular polar cubicle perfect for outdoor use in exposed freezing conditions. Push open, double swing doors with polycarbonate windows provide easy access and automatically close upon entry while allowing the casualty to be monitored. Accessorize these ANSI compliant cubicle showers with audio/visual alarm packages, foot activation, or a heated water tank to ensure a constant supply of tepid water for 15 minutes.



Developed to supply tepid water to emergency safety showers and eye wash units located in extreme freezing conditions, heated water tanks are available in a 119 US gallon (450 liter) capacity. Insulated with polyurethane and encased in a GRP-clad stainless steel frame, these units supply heated water to one or more emergency showers so that they also meet the temperature and duration criteria in the ANSI standard.



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## Emergency Tank Showers

Essential in remote environments where tepid water, or a constant supply of water is unavailable. Suitable for use where insufficient water pressure exists or when it is impractical to use a plumbed in safety shower. For applications within an ambient temperature range at 14°F (-10°C) and 104°F (40°C).

- Large 528 US gallon (2000 liter) tank shower meets and exceeds ANSI and European standards by providing tepid water for over 15 minutes at a guaranteed flow of 20 US gallons (76 liters) per minute
- 317 US gallons (1200 liter) version complies with ANSI when connected to a water source
- An integral immersion heater controlled by a dual safety thermostat, maintains the water in the insulated tank at a constant tepid temperature
- Corrosion-resistant, stainless steel frames are designed and built to be earthquake-proof and conform to the California Building Code
- Internally mounted, covered eye/face wash unit protects against dust and debris
- External water level indicator provides visibility to tank levels
- Ready for quick delivery—packed for economical shipment and assembly on-site



Description	Capacity US Gallons / Liters	H x W x D	Inlet Size NPT	Minimum Pressure PSI / bar g	Water Flow per Minute US Gallons / Liters	Approv/Lstg Regulation	Model	CA Prop 65
Non-Hazardous 110V, 60/50Hz	317/1200	140.4 x 64.8 x 57.5 in 3567 x 1647 x 1461 mm	3/4 in (F)	8/0.5	20/76 (shower) 3/11.4 (eye/face)	—*	QS1200	⚠
Non-Hazardous 110V, 60/50Hz	528/2000	146.9 x 82.1 x 60.2 in 3732 x 2086 x 1528 mm	3/4 in (F)	8/0.5	20/76 (shower) 3/11.4 (eye/face)	AN, ENS	QS2000	⚠

\*Model Number 30376 is ANSI compliant when connected to a water source. Assembly required.

### Ask about our customized emergency tank showers— built to fit your application. Call us at +1 (866) 312 1652



The emergency tank shower product range suits different operating environments and climates—from outdoor models that are heated and pre-insulated to prevent freezing to indoor or hot climate versions that are insulated and chilled to ensure a steady temperature is maintained. Stainless steel frames offer excellent corrosion resistance. Accessorize your tank shower with fiberglass panels, strip screens, foot activation, sumps, alarm packages, and more.



Designed for severely cold climates, polar tank showers incorporate a double-skinned fiberglass insulated cubicle to protect the user from the elements. Double swing push open doors provide unimpeded access and protection from the elements. Windows in the doors enable the casualty to be monitored while using the emergency safety shower in case assistance is required. Room heater maintains the internal cubicle temperature.



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## Accessories and Replacement Parts

Accessorize your safety shower or eye/face wash equipment with options that improve safety, increase function, and add convenience.

### 1. Universal Shower and Eye/Face Wash Signs

Designed to meet international standard BS EN ISO 7010. Durable PVC signs come with a set of brackets (where noted) for mounting to the appropriate type of shower.

#### E-SIGN

Eye/face wash sign suitable for wall mounting.

#### S-BRAC-SIGN-UNH

Shower sign with brackets for indoor/outdoor showers without insulation.

#### S-BRAC-SIGN-H

Shower sign with brackets for freeze-protected outdoor showers.

#### ES-BRAC-SIGN-UNH

Shower and eye/face wash sign with brackets for indoor/outdoor showers without insulation.

#### ES-BRAC-SIGN-H

Shower and eye/face wash sign with brackets for freeze-protected outdoor showers.

### 2. Shower Roses

Alternative to the standard shower nozzle on most unheated safety showers, simply replace the existing nozzle with the rose.

#### ABS-ROSE

Yellow ABS, 10-inch (252-mm) diameter.

#### SS-ROSE

Stainless steel, 10-inch (252-mm) diameter.

### 3. Treadle Foot Activation

Quickly attaches to an existing unit. Eyewashes can still be operated by hand should the treadle be obstructed in any way.

#### TREADLE-G

G-style treadle for use on most heated and unheated eye/face wash and combination showers.

#### TS-FOOT-EF

K-style treadle for use on self-draining eye/face wash and combination showers with open bowls, as well as tank and temperature controlled showers.

### 4. Thermostatic Mixing Valves

Valves blend hot and cold supply water to deliver tepid water (85°F / 29°C). Safety features prevent scalding water delivery to emergency equipment.

#### TMVM

Use to supply water to multiple emergency showers and/or eyewash stations. Provides 60 US gallons (227 liters) per minute of tepid water at 30 PSI pressure drop.

#### TMVS

Use to supply water to single emergency showers. Provides 25 US gallons (95 liters) per minute of tepid water at 30 PSI pressure drop.

#### TMVEF

Use to supply water to single eyewash stations. Provides 7 US gallons (26 liters) per minute of tepid water at 30 PSI pressure drop.

### 5. Water Treatment Module

Installed in tank showers. Provides constant protection against pathogenic bacteria in water treatment systems. Produces a chemical re-action that balances the pH of the water. This results in additional benefits in the form of scale inhibition and corrosion prevention. Optimum operating life of 3 years.

#### AQ1200

Use with 317 US gallon (1200 liter) tank showers.

#### AQ2000

Use with 528 US gallon (2000 liter) tank showers.

### 6. Other

#### SERVICE-CARDS

2 pack of inspection records.

#### SERVICE-CARD-HOLDER

Inspection record holder.

#### NOZZLE

#### EYEBATH-VALVE-KIT

#### SHOWER-VALVE-KIT



E-SIGN



S-BRAC-SIGN-UNH



ES-BRAC-SIGN-UNH



ABS-ROSE



SS-ROSE



TREADLE-G



TS-FOOT-EF



TMVM



TMVS



TMVEF



AQ1200/AQ2000



SERVICE-CARDS



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