

General Purpose Safety Showers for Rapid Decontamination of Personnel



HUGHES®



HUGHES-SAFETY.COM

Justrite Safety Group

To avoid costly fines and protect worker safety, OSHA requires the provision of safety showers where employees are exposed to injurious corrosive hazards.

General purpose, unheated emergency safety showers from Hughes are designed for rapid decontamination in the event of an accidental chemical spillage to prevent serious injury, permanent disability or loss of life.

Why Choose a Hughes Unheated Safety Shower?

The first line of defense in the event of a chemical splash or spillage, our general purpose, unheated safety showers are suitable for use in all applications not subject to the risk of overheating or freezing.

DESIGNED FOR COMPLIANCE



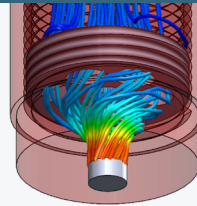
OSHA Requirements

Supports the demands of the Occupational Safety and Health Administration (OSHA) for complete peace of mind.



International Standards

Designed and manufactured to meet the globally recognized ANSI Z358.1-2014 standard for the safe and effective use of safety showers and eye wash equipment.



High-performance Shower Nozzle

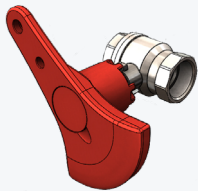
The swirler plate's four angled openings create a controlled spin, while a central hole regulates velocity and flow, producing an ANSI-compliant spray pattern and flow rate.



ISO Safety Signage

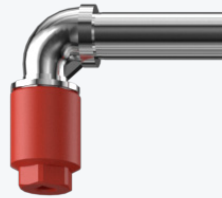
All safety showers are supplied with highly visible, universal safety signage conforming to ISO 7010.

DURABILITY



316L Stainless Steel Valve

Corrosion resistant operating valve withstands the harshest environments. Double stop plate reduces applied force on activation to improve longevity.



Tough Nozzle for Demanding Areas

Rigourously tested nylon shower nozzle is designed to prevent rust and minimize accidental damage, providing a durable alternative to a standard shower rose.



Corrosion Resistance

Eye/face washes use corrosion-resistant ASA, ABS, or stainless steel, ensuring durability, chemical resistance, and reliable performance in all environments.



Audited to ISO 9001

With over 55 years of expertise, and all processes audited to ISO standards, our showers boast a 20 year lifespan when regularly serviced and maintained.

PRODUCTIVITY AND EASE OF USE



Simple to Operate

Quick and simple to use in an emergency - easy grip, pull rod shower activation and push plate or pull lid for eye/face wash operation. Hands-free activation available upon request.



Fast Activation

The stay-open control valve goes from 'on' to 'off' in 1 second or less to deliver a deluge of water as quickly as possible in the event of an emergency.



Flow Regulator Valve

Eye/face washes feature adjustable flow regulator valves to provide a comfortable aerated flow of water to the casualty and to prevent further damage to the eye.



Economical Shipment

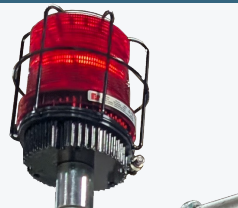
Packed unassembled to reduce shipping costs, our showers are designed for quick and easy assembly once on site.

VERSATILITY



Wide Range

Floor, ceiling, ring-main or wall mounted - Hughes offers a wide range of general purpose safety showers to suit all applications.



Customization

From foot treadles to audio/visual alarms, customize your equipment to suit site requirements and to improve worker safety and product functionality.



Open or closed bowl eye washes

Whichever model you choose, the closed lid or dust covers will protect the spray nozzles from external contaminants.



Pipework Material Choices

Stainless, galvanized or powder coated, all our pipework shares the same rigidity, strength, flammability and UV resistance.

What to Consider When Choosing a Safety Shower

Do I need a safety shower for my site?

A site risk assessment should be conducted to identify where workers may be exposed to harmful substances. This will help determine the need for safety showers based on the potential risks.

Consult relevant standards and regulations - OSHA require safety showers in areas where injurious corrosive materials are present.

What types of compliance should I look for in a safety shower?

Our safety showers are designed to meet or exceed regulatory requirements:

- Supports OSHA requirements
- Meets the ANSI Z358.1-2014 standard
- Tested and approved by UL

What factors should I consider when selecting a safety shower?

- What is the ambient temperature of the location? Is there the risk of freezing or overheating?
- Is there a potable and reliable water supply with adequate pressure?
- Is there sufficient drainage?

Once these items are addressed, a decision can be made on whether to select a heated or unheated model, a plumbed-in or self-contained unit, and if optional accessories such as pressure reducing valves are required.

What features should I look for when choosing a safety shower or eye/face wash?

- Stainless steel operating valve for longevity
- Adjustable flow regulator valve and adjustable diffusers for a comfortable flow of water from an eye wash
- ANSI compliant flow rates and spray patterns for a thorough decontamination

In hot ambient climates, are there additional considerations when selecting an unheated safety shower?

Water in the standpipe of safety showers situated outdoors in hot climates can overheat due to solar radiation. Hughes recommend self-draining showers for these environments as they drain water after use, preventing overheating and reducing the risk of scalding or further injury to a casualty.

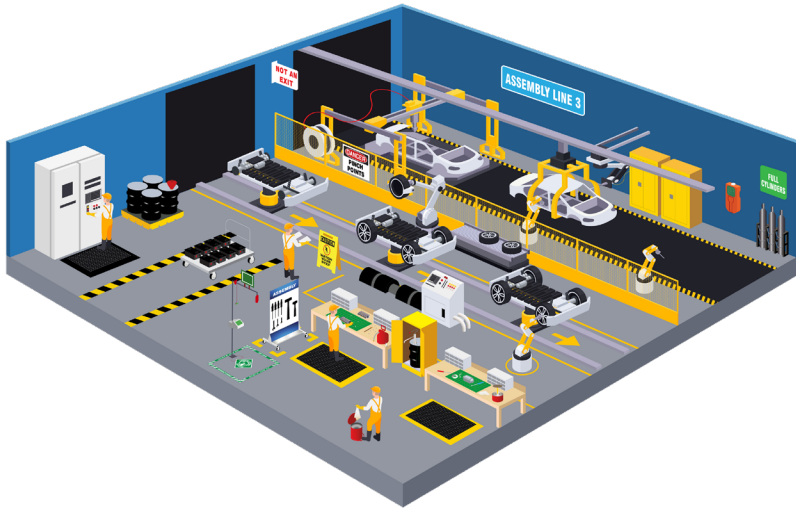
How can I contain surplus water once the safety shower is activated?

Hughes cubicle showers provide a designated decontamination zone with a robust and corrosion resistant GRP surround. The integral drain sump and strip screen reduce the risk of water spray outside the cubicle.

An optional modesty curtain is available for floor standing safety showers to minimize spray and provides user privacy.

Where Our Safety Equipment Is Needed

Unheated safety showers are suitable for use in environments not subject to the risk of overheating or freezing. It is recommended they are placed within 10 seconds reach and on the same level as a potential hazard to allow a fast response in the event of an accidental chemical spill.



GENERAL MANUFACTURING

Robust safety management strategies are essential to protect the 1 billion workers in the manufacturing industry worldwide.

FOOD AND BEVERAGE

Chemical handling incidents represent around 15% of workplace injuries in food manufacturing.



PHARMACEUTICALS/LABORATORIES

The provision of safety showers and eye washes enable a fast response to accidental chemical spillages when every second counts.

Hughes safety showers and eye/face washes are required in most industries, please speak with your sales representative to discuss how we can help protect the safety of your workforce.

Unheated Combination Safety Shower Models

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 ASA 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						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					18G45G	18GS45G	
Closed ABS bowl, eye/face wash, floor mount						18G45GT	18GS45GT	
Closed ABS bowl eye/face wash, wall mount	66.7 x 19.8 x 29 in 1695 x 504 x 737 mm					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

Models shown, left to right: 33GS45G, 18GS85G, 18GS75G and 18GS45G-T shown with optional foot treadle for hands-free activation

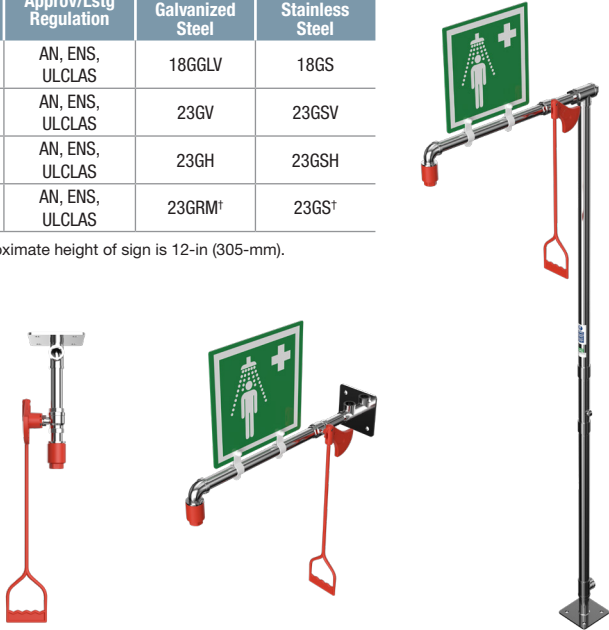


Unheated Drench Safety Shower Models

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.

Models shown, left to right: 23GSV, 23GSH and 18GS





Models shown, left to right: L33GS45G, L23GSV and L23GS.



Laboratory Safety Shower Models

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
Laboratory 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	
Laboratory 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	
Laboratory 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, open 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	⚠

All laboratory showers are manufactured with powder coated stainless steel pipework.

*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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Cubicle Safety Showers

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 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	⚠

*Dimensions include mounting plates and water inlets.

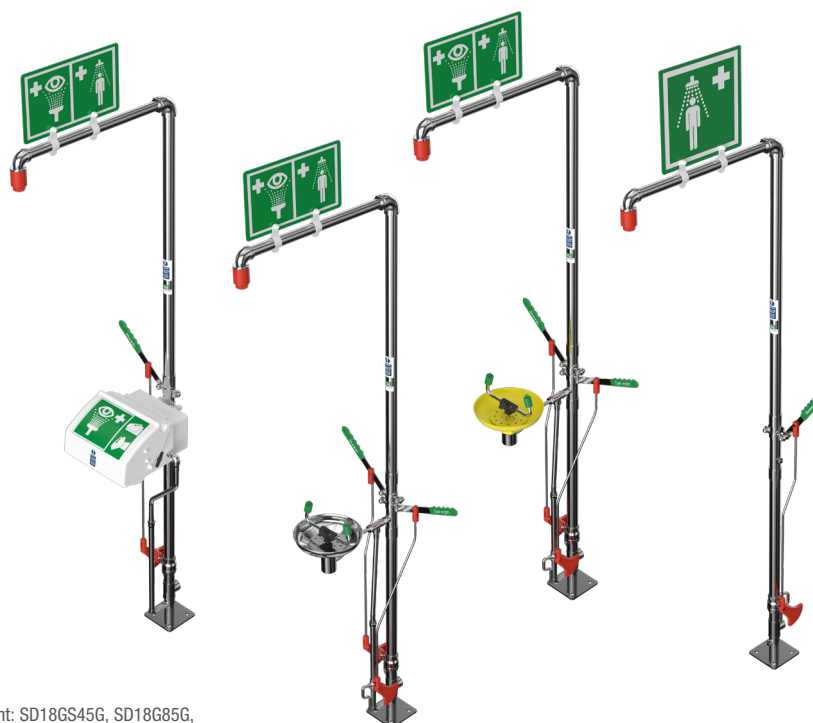
Description	Voltage	Power	Model	CA Prop 65
Model as per description and specification above, with the addition of a sump pump	120V / 60 Hz General Purpose	1/4 HP	SD32K45G-PUMP	⚠

Self-draining Safety Showers

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
Floor mount, self-draining	90.6 x 13.2 x 30 in 2300 x 337 x 763 mm	1-1/4 in (F)	29/2	20/76 (shower) 3/11.4 (eye/face)	AN, ENS, ULCLAS	SD18G	SD18GS	⚠
Closed ABS bowl, eye/face wash, floor mount, self-draining	90.6 x 18.2 x 29 in 2300 x 462 x 738 mm					SD18G45G	SD18GS45G	⚠
Stainless open bowl, eye/face wash, floor mount, self-draining	90.6 x 23.4 x 29 in 2300 x 595 x 738 mm					SD18G85G	SD18GS85G	⚠
ASA open bowl, eye/face wash, floor mount, self-draining						SD18G75G	SD18GS75G	⚠

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

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Models shown, left to right: SD18GS45G, SD18G85G, SD18G75G, SD18GS and SD32K45G



Need a heated solution? Try these products

1. 2000L mobile self-contained immersion heated safety shower with eye wash
MHW2000-1
2. 2000L immersion heated emergency tank fed safety shower (quick ship)
QS2000

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Unheated emergency safety showers

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As a leader in safety, the Justrite Safety Group family includes these safety brands:

