

HUGHES


SAFETY-SHOWERS

SAFETY SHOWER WITH BODY SPRAY EYE/FACEWASH

Article No.: EXP-SD-20G/45G

Self-draining Emergency Safety Shower with additional Body Spray and Eye/Facewash Fountain.

The main shower valve is situated directly above the water inlet and is complete with bleed pipe to drain water from the standpipe to reduce overheating by solar radiation.

Available in Galvanised or Stainless Steel with optional fittings.



Article No:
EXP-SD-20G/45G
(Galvanised Mild Steel)

Article No:
EXP-SD-20GS/45G
(Stainless Steel)

- Designed in accordance with ANSI and EU guidelines where applicable.
- Free standing Self-Draining Emergency Safety Shower with additional body spray and Eye/Facewash
- Suitable for Hot climates.
- Covered Eye/Facewash bowl to protect against airborne contaminants - Pulling lid provides simple operation even when vision is impaired.
- Incorporates additional body spray to significantly speed up the decontamination of the frontal body area.
- Hughes shower ball valve for greater reliability and longer life
- Available in Galvanised or Stainless Steel
- Choice of optional components including alarms and foot operation.

DESCRIPTION

- The shower is lever operated for ease of use in an emergency. It has a removable self-draining overhead shower nozzle, which is specifically designed for high flow rates.
- It also incorporates a body spray to significantly speed up the decontamination of the frontal body area.
- The eye/facewash has high flow rate aerated diffusers for improved washing action to the eyes, face and hands and the eye/facewash fountain incorporates an integral lid connected to the water valve for automatic operation when the lid is pulled down. The lid also ensures that the bowl remains clean and free from contamination at all times.
- The eye wash diffusers are fitted with fine mesh strainers and an individual flow controller and are designed to give a gentle flow of aerated water.

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TECHNICAL SPECIFICATION

MATERIALS OF CONSTRUCTION

Pipework & Fittings (G)	Galvanised Mild Steel with 150lb medium wall tubulars and fittings
Pipework & Fittings (GS)	316L Stainless Steel with 150lb medium wall tubulars and fittings
Operating Valve	Hughes - 316 Stainless Steel
Shower Spray Outlet	Hughes Shower Nozzle Moulded Nylon 6
Eye/facewash Bowl/lid	Acrylic Capped ABS
Eye Wash Diffusers	Chrome Plated Brass with Stainless Steel Mesh
Standard Finish (Galvanised Mild Steel)	Green Powder Coated (Alternative colours available)
Standard Finish (Stainless Steel)	Polished Brush Finish (Paint options available)

SERVICES

Water Inlet	1 1/4" Female BSP
Design Operating Pressure	2.0 to 6 BAR G (Higher supply pressures accommodated when incorporating the optional Pressure Reducing Valve)
Test Pressure	10.3 BAR G
Minimum Flow at Operating Pressure	Shower: 115 litres/minute minimum Eye/Facewash: 20 litres/minute minimum

ENVIRONMENTAL OPERATING TEMPERATURE

Minimum Ambient Operating Temp	5° C (41° F) - (0° C (32° F) if valve is insulated)
Maximum Ambient Operating Temp	45° C (113° F)

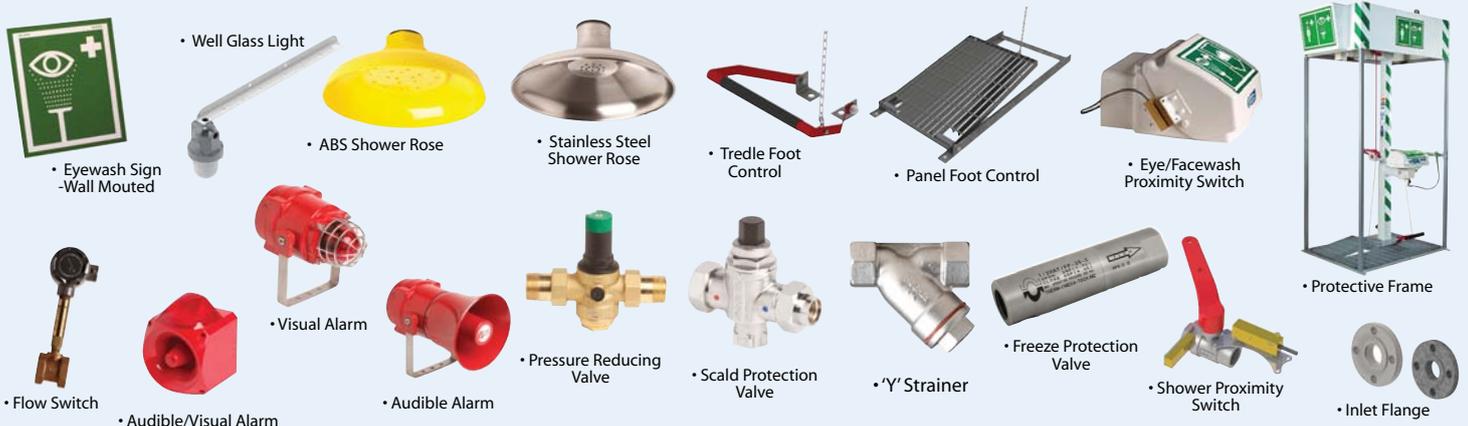
ACTIVATION/OPERATION

Shower Spray Operation	Hand Lever (Foot Panel control for hands-free - Optional)
Eye/facewash Operation	Pull Lid down (Foot Treadle control for hands free - optional)

WEIGHTS and DIMENSIONS

Overall Dimensions	460(W) x 1180(D) x 2300mm(H)
Weight	19Kg (No Options)

OPTIONAL FITTINGS



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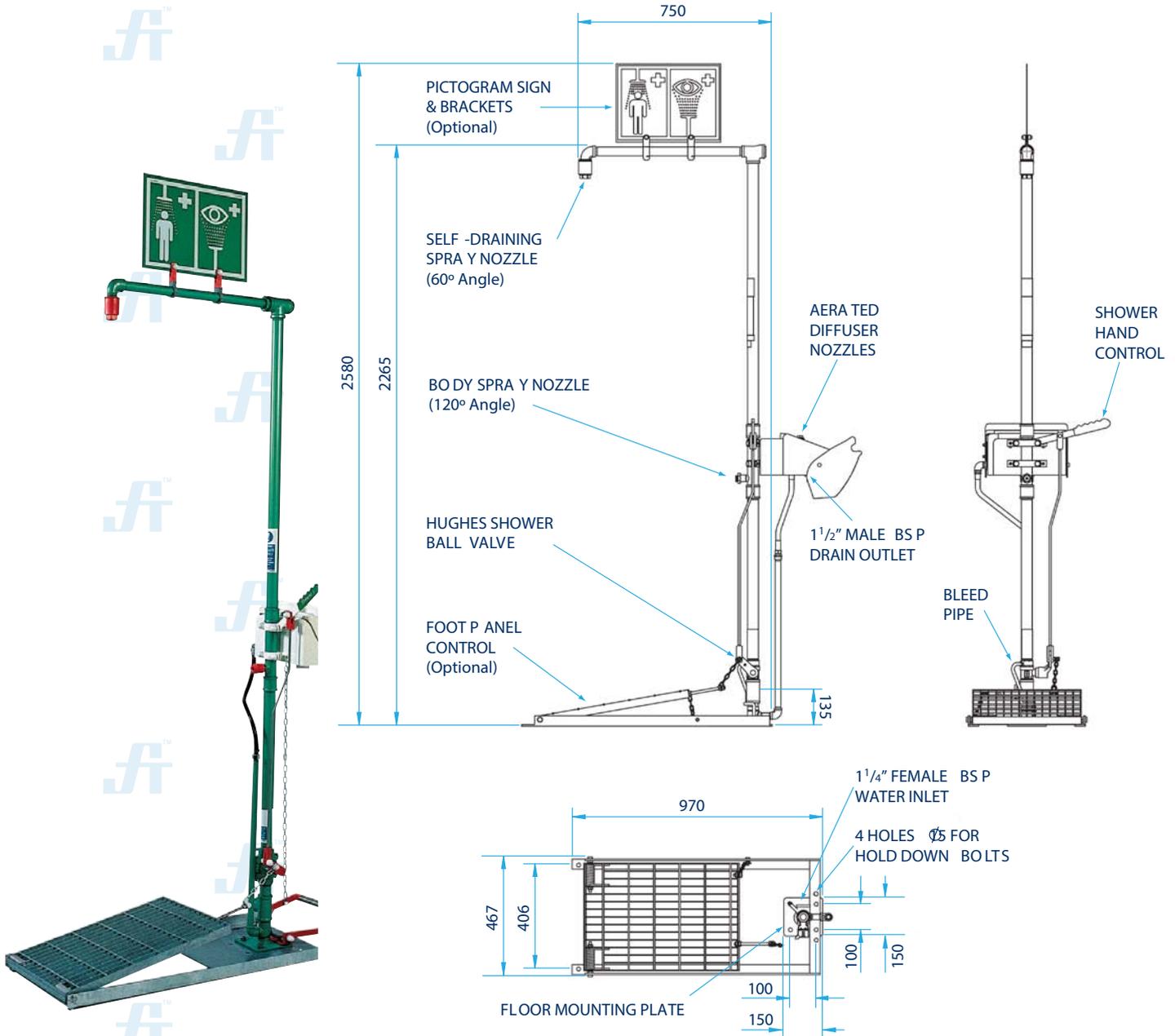


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STANDARDS

- Allocate a location reference for ease of identification.
- All units to be activated weekly - **ANSI Z358.1 2014**
- Safety shower/eye wash must be located within 10 seconds or 15 metres of a potential hazard - **ANSI Z358.1 2014**
- The unit must be located on the same level as the hazard & the path of travel & local area should be free from obstructions - **ANSI Z358.1 2014**
- The unit should be well lit and identified with highly visible signage to **BS EN ISO 7010 - ANSI Z358.1 2014**
- Flush for sufficient duration to purge the supply pipe with fresh water.
- Replace worn or illegible safety signs & stickers.
- Sign & date service tag when service completed.

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