

HUGHES


SAFETY-SHOWERS

OUTDOOR SAFETY SHOWER WITH EYE/FACEWASH FOUNTAIN

Article No.: EXP-EJ-5G/45G

Emergency Safety Shower with Eye/Facewash Fountain, trace tape heated and pre-insulated. With low level water inlet. Pipework available in Galvanised Mild Steel or Stainless Steel with optional fittings.

Also available with Eye/Facewash drain piped to floor level and high level water inlet.



- Designed in accordance with ANSI & EU guidelines.
- Free-standing Indoor Unheated Safety Shower with Eye/Facewash Fountain.
- Covered Eye/Facewash bowl to protect against airborne contaminants - Pulling the lid provides simple operation even when vision is impaired.
- Hughes shower ball valve for greater reliability & longer life.

DESCRIPTION

- The shower is operated by a pull handle for ease of use in an emergency. It has a removable self-draining overhead shower nozzle, which is specifically designed for high flow rates.
- 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.
- The shower is pre-insulated with polyurethane foam to provide maximum insulation and has a corrosion resistant polyethylene outer jacket.

Available Models:

EXP-AH-5G/45G - With Heater
EXP-EJ-5G/45G - Without Heater

(Both available in Galvanized or Stainless Steel)

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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	Polyurethane Foam insulation with a Medium Density Polyethylene impact resistant Outer Casing
Standard Finish (Stainless Steel)	White with Green/White Safety Stripes (alternative colours available)

SERVICES

Water Inlet	1 1/4" Male BSP
Design Operating Pressure	2.0 to 6 BAR G (Higher supply pressures accommodated with the incorporation of the optional Pressure Reducing Valve)
Heating Type	Trace Tape Heated and Pre-insulated
Heating Load	36 Watts (EH) - 57 Watts (AH)
Electrical Equipment - Non Hazardous	Suitable for use in areas classified as Non-Hazardous
Electrical Equipment - Hazardous	ATEX Zone 1 & 2 Gas Groups IIA and IIB, Temp Class T3 (IIC available)
Electric Supply	240V Single Phase, 50/60Hz or 110V available
Test Pressure	10.3 BAR G
Minimum Flow at Operating Pressure	Shower: 76 litres/minute minimum Eye/Facewash: 20 litres/minute minimum

ENVIRONMENTAL OPERATING TEMPERATURE

Minimum Ambient Operating Temp	-10° C (14° F) - EH -20° C (-4° F) - AH 0° C (32° F) - EJ
Maximum Ambient Operating Temp	35° C (95° F) - EH, AH & EJ

ACTIVATION/OPERATION

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

WEIGHTS and DIMENSIONS

Overall Dimensions	341(W) x 886(D) x 2317mm(H)
Weight (No Options)	34Kg (No options)

OPTIONAL FITTINGS



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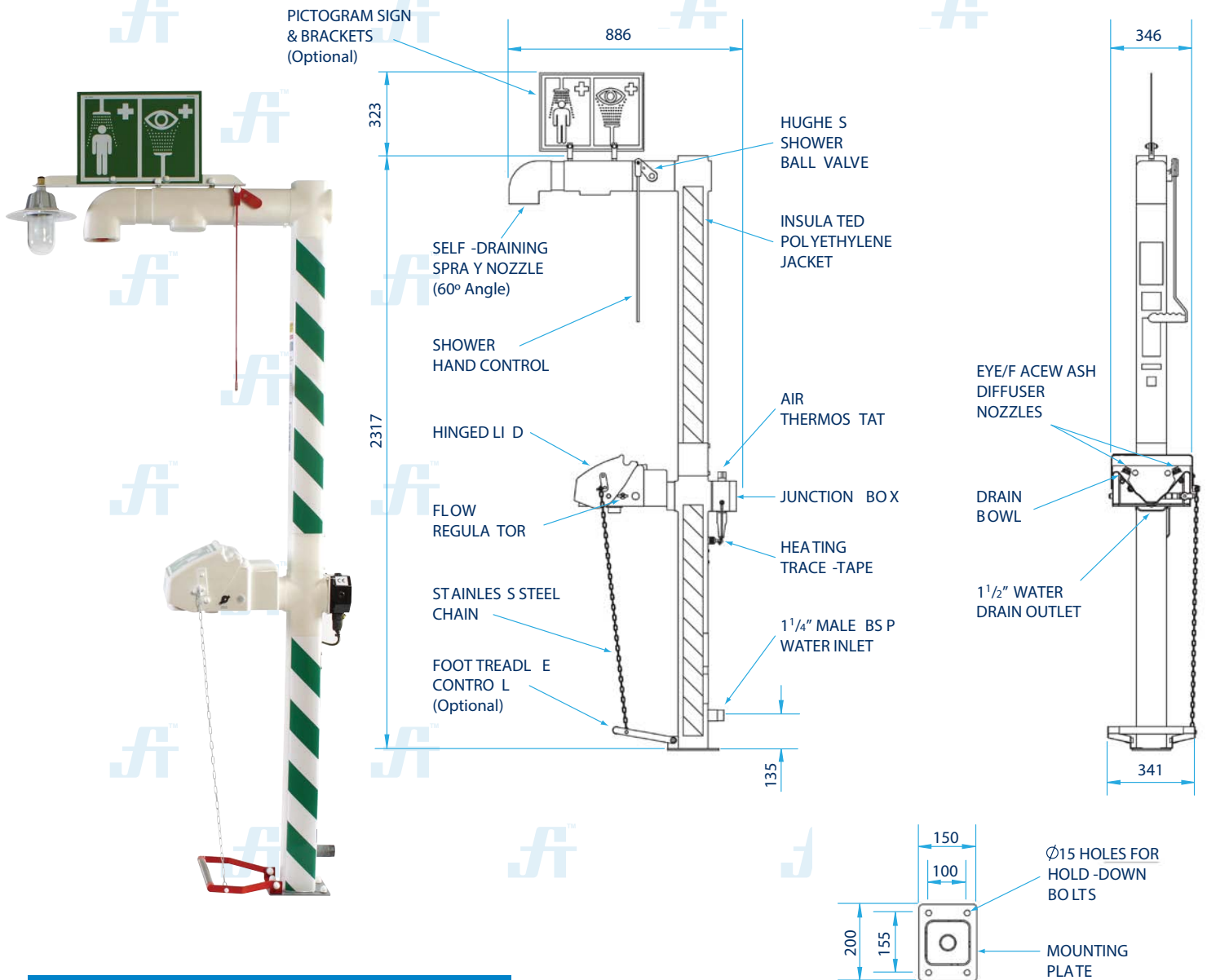


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STANDARDS

- 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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