



Outdoor Heated Emergency Safety Showers
STD-MH-5K/11K
 STD-H-5K/11K, STD-J-5K/11K



**OUTDOOR HEATED
 EMERGENCY
 SAFETY SHOWER
 with Eyebath/
 Facewash Fountain**

- Designed in accordance with ANSI and EU guidelines
- Free standing Emergency Safety Shower with Eye/Facewash Fountain with integral Eye/Body wash attachment on a flexible hose
- Insulated and Immersion heated for frost protection
- Hughes ball valve for greater reliability and longer life
- Covered Eye/Facewash bowl to protect against airborne contaminants - Lifting the lid provides simple operation even with impaired vision
- Sign Box fitted as standard which has the facility to include an optional indicator light to increase visibility of the Safety Shower
- Choice of optional components including alarms and foot operation

Outdoor Heated Emergency Safety Shower

Hughes Safety Showers manufacturer an Outdoor wall mounted Emergency Safety Shower which is immersion heated and pre-insulated. With Eye/Facewash Fountain and additional Eyebath diffuser on flexible hose to treat unconscious or disabled personnel.

Note: Eyebath/Facewash orientation can be varied to suit clients' requirements. A sign box is also fitted which incorporates 'Emergency Shower' and 'Eye wash' signs. Pipeworks available in Galvanised or Stainless Steel.

Specification

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 in line with ANSI and EU standards.

The eye/facewash has high flow rate aerated diffusers for improved washing action to the eyes, face and hands and incorporates an integral lid connected to the water valve for automatic operation when the lid is lifted. The lid also ensures that the bowl remains clean and free from contamination at all times and incorporates a mirror with first-aid instructions. The eye wash diffusers are fitted with fine mesh strainers and individual flow controllers designed to give a gentle flow of aerated water. An additional 'Y' strainer is also fitted to ensure water quality.

An auxiliary handheld eyebath is also incorporated and can be used to treat unconscious or disabled personnel or can be used for decontaminating the individual eye or

As above but with trace tape heated standpipe STD-H-5K/11K.

Also available without heating STD-J-5K/11K.

used for washing other parts of the body. The pictogram 'Emergency Shower' and 'Eyewash' signs are to International Standard ISO 3864-1

The shower is pre-insulated with polyurethane foam to provide maximum insulation and has a corrosion resistant polyethylene outer jacket.

All valves are easily removable for servicing and maintenance.





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MATERIALS OF CONSTRUCTION

PIPEWORK & FITTINGS (K)	Galvanised Mild Steel with 150lb medium wall tubulars and fittings
PIPEWORK & FITTINGS (KS)	Stainless Steel 304L with 150lb medium wall tubulars and fittings (316 available)
OPERATING VALVES	Hughes - 316 Stainless Steel
SHOWER SPRAY OUTLET	Hughes - Shower Nozzle Moulded Nylon 6
EYE/FACEWASH FILTER STRAINER	Hughes - 316 Stainless Steel
INSULATION & OUTER CASING	Polyurethane Foam insulation with a Medium Density Polyethylene impact resistant Outer Casing
STANDARD FINISH	White with Green/White Safety Stripes (alternative colours available)

SERVICES

WATER INLET	1 1/2" Male BSP
DESIGN OPERATING PRESSURE	1.8 to 6 BAR G (Higher supply pressures can be accommodated when incorporating the optional Pressure Regulating Valve)
HEATING TYPE	Immersion Heated (MH) or Trace Tape Heaters (H)
HEATING LOAD	95 Watts
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
ELECTRIC SUPPLY	240V Single Phase, 50/60Hz or 110V available
TEST PRESSURE	10.3 BAR G
FLOW RATES - ANSI	Shower: 76 litres/minute minimum Facewash: 11.4 litres/minute minimum Eyebath - Hand Held: 1.5 litres/minute minimum

ENVIRONMENTAL OPERATING TEMPERATURE

MINIMUM AMBIENT OPERATING TEMP	-35° C (-31° F)
MAXIMUM AMBIENT OPERATING TEMP	35° C (95° F)

ACTIVATION/OPERATION

SHOWER OPERATION	Pull Handle (Foot Panel control for hands-free - Optional)
EYEBATH/HAND HELD OPERATION	Pull Handle (Treadle foot control for hands-free - Optional)
FACEWASH OPERATION	Lift Lid (Treadle foot control for hands-free - Optional)

WEIGHTS and DIMENSIONS

OVERALL DIMENSIONS	480(W) x 855(D) x 2705mm(H)
WEIGHT - UNPACKED	40Kg (No Options)

TECHNICAL DETAILS



HUGHES

HUGHES-SAFETY-SHOWERS.CO.UK



THE QUEEN'S AWARDS
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 INTERNATIONAL TRADE
 2012



Health &
 Wellbeing
 Award





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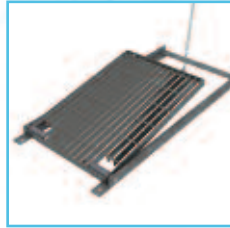
OPTIONS



Options



Lighting for Sign Box



Panel Foot Control



Treadle Foot Control



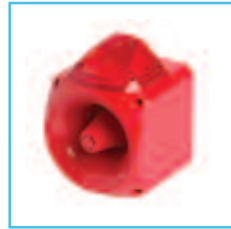
Shower Proximity Switch



Eyebath/Facewash Proximity Switch



Flow Switch



Audible/Visual Alarm



Audible Alarm



Visual Alarm



Brass Pressure Reducing Valve



Inlet Flange



Heated Underground Extension Pipe



Cubicle

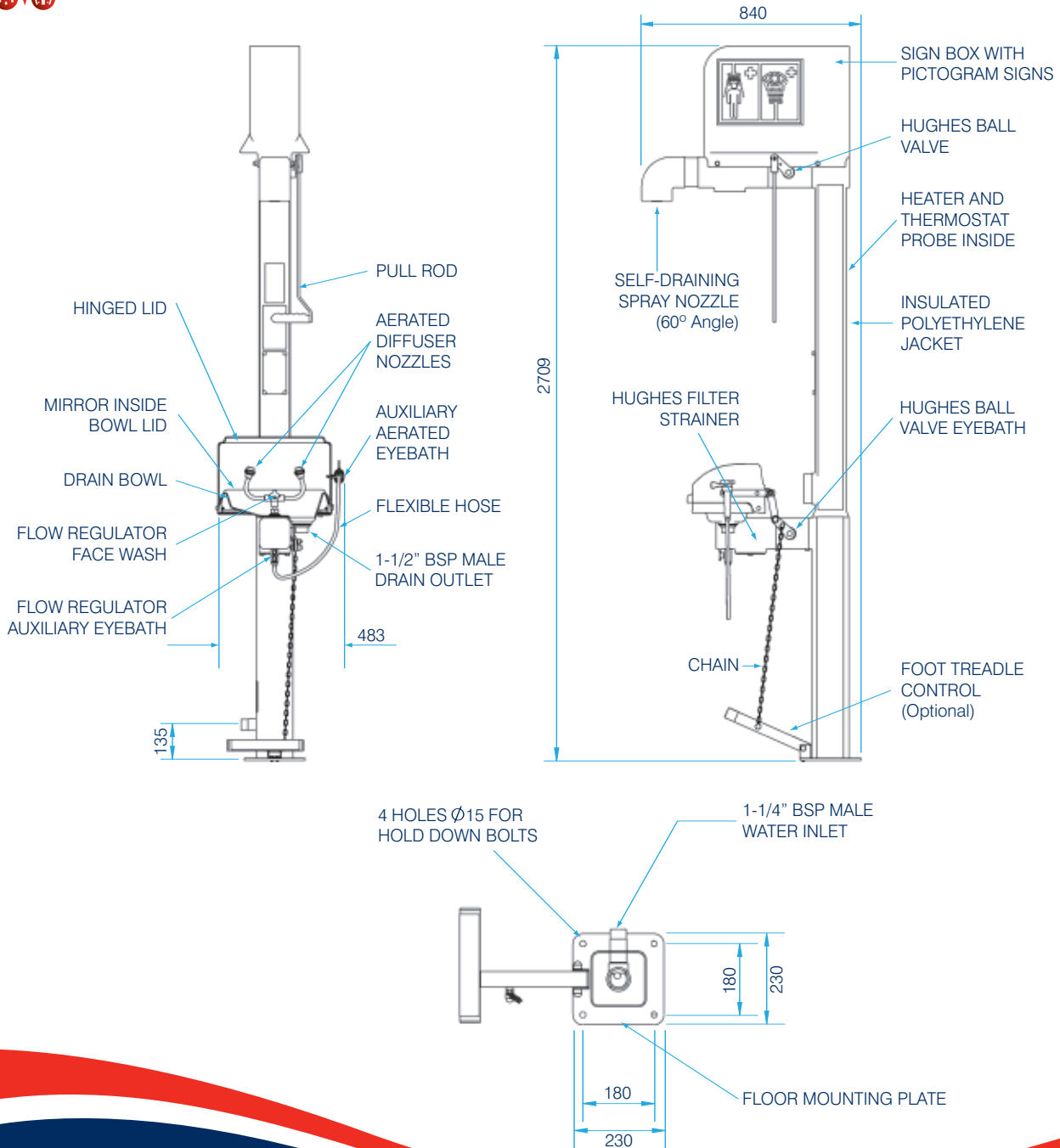
	Optional Fittings	Lighting for Sign Box	Panel Foot Control	Treadle Foot Control	Shower Proximity Switch	Eyebath/Facewash Proximity Switch	Flow Switch	Audible Visual Alarm	Audible Alarm	Visual Alarm	Brass Pressure Reducing Valve	Inlet Flange	Heated Underground Extension Pipe	Cubicle
STD-MH-5K/11K	●	●	●	●	●	●	●	●	●	●	●	●	●	●
STD-MH-5KS/11KS	●	●	●	●	●	●	●	●	●	●	●	●	●	●
STD-H-5K/11K	●	●	●	●	●	●	●	●	●	●	●	●	●	●
STD-J-5K/11K	●	●	●	●	●	●	●	●	●	●	●	●	●	●





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HUGHES G.A. DRAWING



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