



Outdoor Heated Emergency Safety Showers
STD-H-1K
 STD-J-1K



**OUTDOOR HEATED
 EMERGENCY
 SAFETY SHOWERS**

- Designed in accordance with ANSI and EU guidelines
- Wall mounted Emergency Safety Shower with Eyebath attachment on a flexible hose
- Insulated and trace tape heated for frost protection
- Hughes ball valve for greater reliability and longer life
- Incorporates Eyebath attachment on a flexible hose with removable eyebath cup and dust cover
- 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

Outdoor Heated Emergency Safety Shower

Hughes Safety Showers manufacturer an Outdoor wall mounted Emergency Safety Shower with Eyebath attachment which is trace tape heated and pre-insulated. The eyebath attachment is on a flexible hose and incorporates a handle, removable eyebath cup and dust cover.

This unit also features a wall mounting plate and has an alternative water inlet. A sign box is also fitted which incorporates 'Emergency Shower' and 'Eye wash' signs.



STD-H-1K

Pipework available in Galvanised or Stainless Steel. Also available without heating STD-J-1K.

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 eyebath attachment is on a flexible hose and incorporates a pull handle, removable eyebath cup and dust cover. The eyebath diffuser is fitted with a fine mesh strainer designed to give a gentle flow of aerated water. An additional 'Y' strainer is fitted to ensure water quality.

The pictogram 'Emergency Shower' and 'Eye wash' 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.

This unit also features a wall mounting plate and has an alternative water inlet.

Hughes Ball Valve

- Designed using the latest 3D modelling software
- Specifically developed for Hughes Emergency Shower and Eye Wash equipment
- Stainless steel construction to cope with the harshest atmospheres
- Low operating torque designed for ease of operation
- Tested and witnessed by independent test house specialist
- Designed for rough service.

All valves are easily removable for servicing and maintenance.





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TECHNICAL DETAILS

Outdoor Heated Emergency Safety Shower

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
EYEBATH 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" Female BSP
DESIGN OPERATING PRESSURE	1.5 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	27 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. IIC available
ELECTRIC SUPPLY	240V Single Phase, 50/60Hz or 110V available
TEST PRESSURE	10.3 BAR G
FLOW RATES - ANSI	Shower: 76 litres/minute minimum Eyebath - Hand Held: 10 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/BODY SPRAY OPERATION	Pull Handle Lever
EYEBATH/HAND HELD OPERATION	Pull Handle Lever

WEIGHTS and DIMENSIONS

OVERALL DIMENSIONS	255(W) x 975(D) x 910mm(H)
WEIGHT - UNPACKED	18Kg (No Options)

Standards



- ALLOCATE A LOCATION REFERENCE FOR EASE OF IDENTIFICATION
- ALL UNITS TO BE ACTIVATED WEEKLY - ANSI Z358.1 2009
- SAFETY SHOWER/EYE WASH MUST BE LOCATED WITHIN 10 SECONDS OR 15 METRES OF A POTENTIAL HAZARD - ANSI Z358.1 2009
- THE UNIT MUST BE LOCATED ON THE SAME LEVEL AS THE HAZARD AND THE PATH OF TRAVEL & LOCAL AREA SHOULD BE FREE FROM OBSTRUCTIONS - ANSI Z358.1 2009
- THE UNIT SHOULD BE WELL LIT AND IDENTIFIED WITH HIGHLY VISIBLE SIGNAGE TO ISO 3864.1 - ANSI Z358.1 2009
- FLUSH FOR SUFFICIENT DURATION TO PURGE THE SUPPLY PIPE WITH FRESH WATER
- REPLACE WORN OR ILLEGIBLE SAFETY SIGNS AND STICKERS
- SIGN & DATE SERVICE TAG WHEN SERVICE COMPLETED



HUGHES

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OPTIONS

Options



Lighting for Sign Box



Shower Proximity Switch



Eyebath Proximity Switch



Flow Switch



Audible/Visual Alarm



Audible Alarm



Visual Alarm



Pressure Reducing Valve



Scald Protection Valve



Freeze Protection Valve



Inlet Flange



	Optional Fittings	Lighting for Sign Box	Shower Proximity Switch	Eyebath Proximity Switch	Flow Switch	Audible Visual Alarm	Audible Alarm	Visual Alarm	Brass Pressure Reducing Valve	Scald Protection Valve	Freeze Protection Valve	Inlet Flange
STD-H-1K	●	●	●	●	●	●	●	●	●			●
STD-H-1KS	●	●	●	●	●	●	●	●	●			●
STD-J-1K	●	●	●	●	●	●	●	●	●	●	●	●

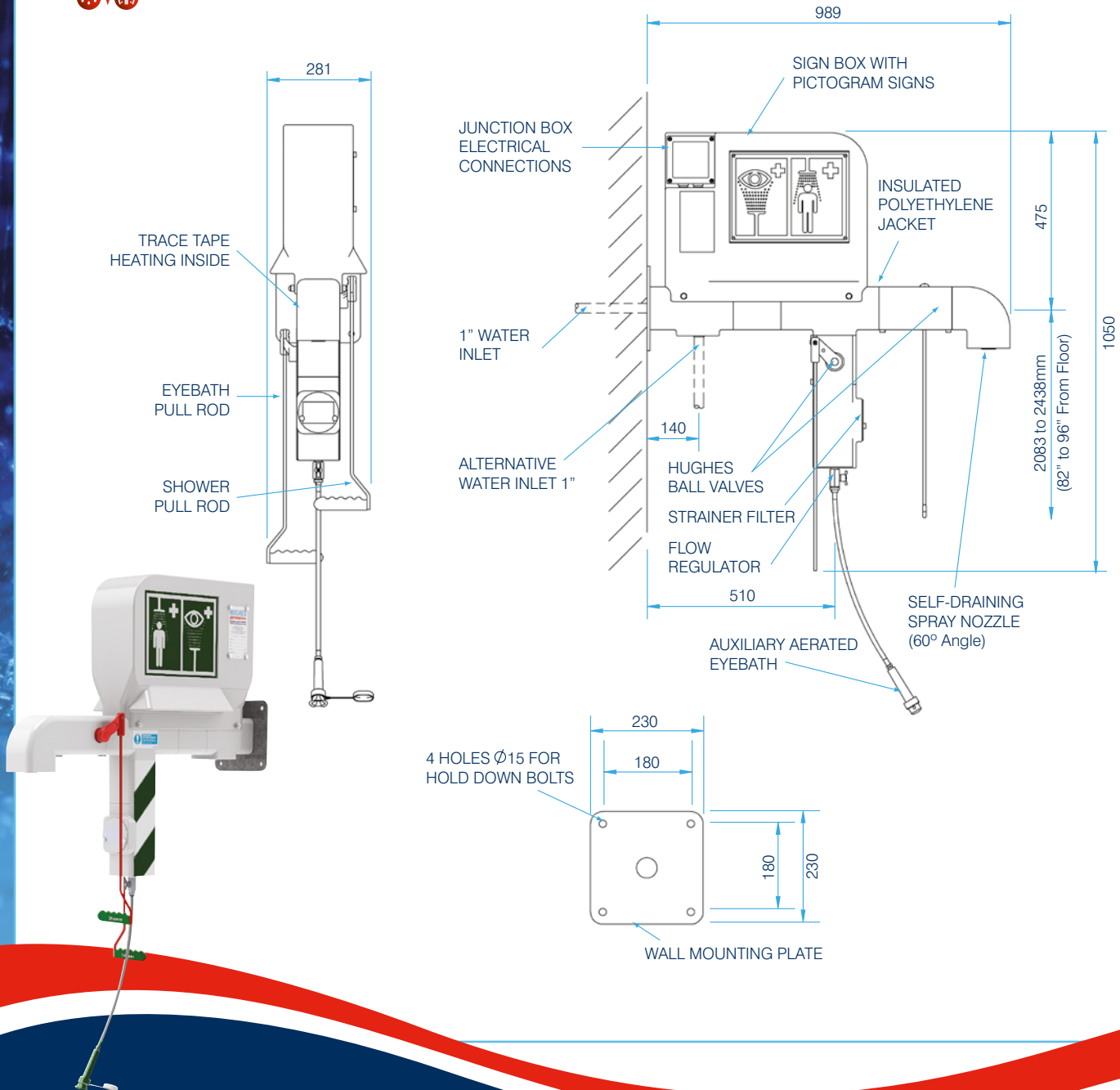


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HUGHES



G.A. DRAWING



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