

## Outdoor Heated Emergency Safety Showers **EXP-EH-5G/45G**

EXP-AH-5G/45G, EXP-EJ-5G/45G



### Outdoor Heated Emergency Safety Shower

Hughes Safety Showers manufacture an Emergency Safety Shower with Eye/Facewash Fountain, trace tape heated and pre-insulated.

Pipework available in Galvanized or Stainless Steel.

As above but with extra heating EXP-AH-5G/45G.  
Also available without heating EXP-EJ-5G/45G.



### 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 the 'unbreakable' 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.

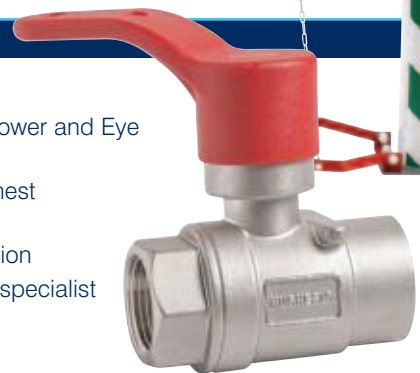
The shower is pre-insulated with polyurethane foam to provide maximum insulation and has a corrosion resistant polyethylene outer jacket.

NB: Supplied in sections for assembly on site for economical shipping costs.

### 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.



## OUTDOOR HEATED EMERGENCY SAFETY SHOWERS

- Designed in accordance with ANSI and EU guidelines
- Emergency Safety Shower with Eye/Facewash Fountain
- Insulated and trace tape heated for frost protection
- Hughes ball valve for greater reliability and longer life
- Available in Galvanised or Stainless Steel
- Choice of optional components including alarms and foot operation

# HUGHES



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**Outdoor Heated Emergency Safety Shower**

**MATERIALS OF CONSTRUCTION**

PIPEWORK & FITTINGS (G)	Galvanized Mild Steel with 150lb medium wall tubulars and fittings
PIPEWORK & FITTINGS (GS)	Stainless Steel 304L 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 1/4" Male NPT
DESIGN OPERATING PRESSURE	29 to 96 PSI (Higher supply pressures can be accommodated when incorporating the optional Pressure Regulating Valve)
HEATING TYPE	Trace Tape Heated and Pre-insulated
HEATING LOAD	36 Watts (63 DVGW)
ELECTRICAL EQUIPMENT - Non Hazardous	Suitable for use in areas classified as Non-Hazardous
ELECTRICAL EQUIPMENT - Hazardous	ATEX Zone 1 & 2
ELECTRIC SUPPLY	240V Single Phase, 50/60Hz or 110V available
TEST PRESSURE	149 PSI
FLOW RATES - ANSI	Shower: 76 liters/minute minimum Eye/Facewash: 11.4 liters/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 & EJ

**ACTIVATION/OPERATION**

SHOWER/BODY SPRAY OPERATION	Pull Handle
EYE/FACEWASH OPERATION	Pull Lid (Treadle Foot control for hands-free - Optional)

**WEIGHTS and DIMENSIONS**

OVERALL DIMENSIONS	13"(W) x 35"(D) x 91"(H)
WEIGHT - UNPACKED	35lb (No Options)

**TECHNICAL DETAILS**



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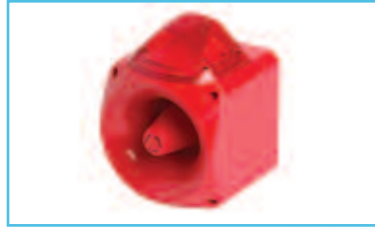


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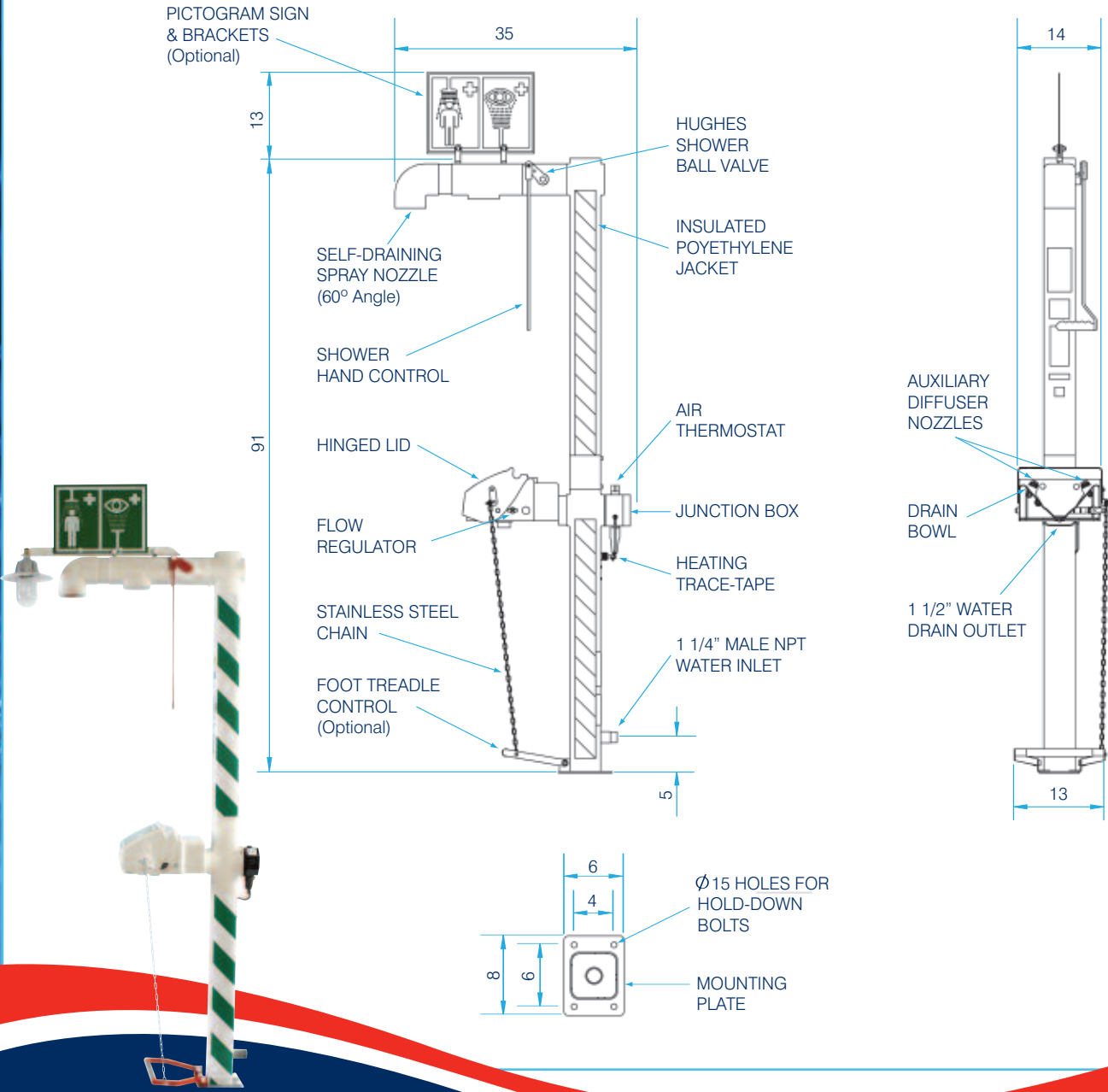


PRODUCT INFORMATION SHEET



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**HUGHES** G.A. DRAWING



HUGHES NORTH AMERICA INC

