

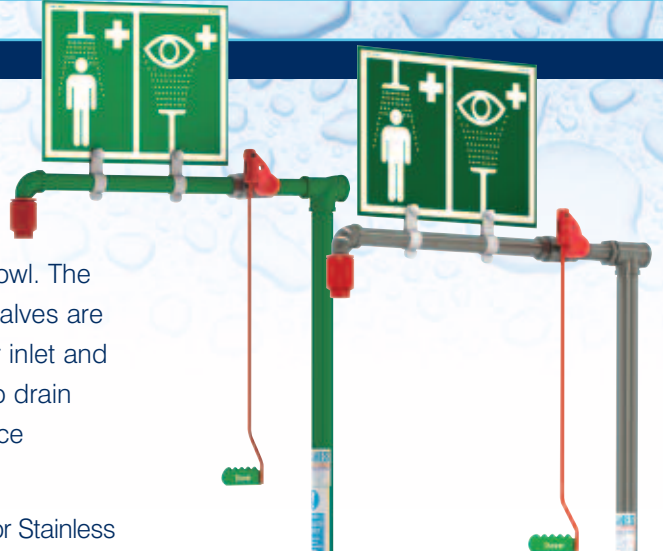


Indoor Unheated Safety Showers
EXP-18G/85G
 EXP-18GS/85G

Indoor Unheated Safety Shower

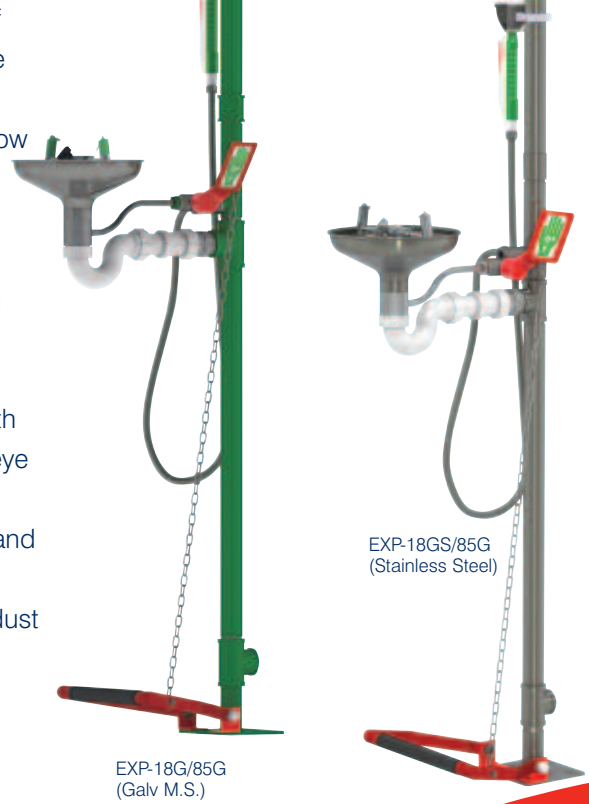
Hughes Safety Showers manufacture free-standing Emergency Safety Shower with Eye/Facewash Fountain incorporating a stainless steel bowl. The shower and eyebath/facewash valves are situated directly above the water inlet and are complete with bleed pipes to drain water from the pipework to reduce overheating by solar radiation.

Pipework available in Galvanized or Stainless Steel.



Specification

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 in line with ANSI and EU and standards. 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. The eye/facewash has twin spray nozzles with dust covers and is lever operated. The eye wash diffusers are fitted with fine mesh strainers and individual flow controllers and are designed to give a gentle flow of aerated water. The water jets lift off the dust covers when operated. NB: Supplied in sections for assembly on site for economical shipping costs.



EXP-18G/85G
(Galv M.S.)

EXP-18GS/85G
(Stainless Steel)

INDOOR UNHEATED SAFETY SHOWERS

- Designed in accordance with ANSI and EU guidelines
- Free-standing Unheated Safety Shower with Eye/Facewash Fountain
- Suitable for heavy industry
- Supplied in sections for assembly on site for economical shipping costs
- Stainless Steel Eye/Facewash bowl – Pulling handle levers provides simple operation even when vision is impaired
- Hughes ball valve for greater reliability and longer life
- Available in Galvanized or Stainless Steel
- Choice of optional components including alarms and foot operation

HUGHES



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 EXP-18GS/85G

Indoor Unheated Safety Shower

MATERIALS OF CONSTRUCTION

PIPEWORK & FITTINGS (G)	Galvanized Mild Steel with 150lb medium wall tubulars and fittings
PIPEWORK & FITTINGS (GS)	Stainless Steel 304 with 150lb medium wall tubulars and fittings (361 available)
OPERATING VALVES	Hughes - 316 Stainless Steel
SHOWER SPRAY OUTLET	Hughes - Shower Nozzle Moulded Nylon 6
EYE/FACEWASH BOWL/LID	Stainless Steel
EYE WASH DIFFUSER	Chrome Plated Brass with Stainless Steel Mesh
STANDARD FINISH (Galvanized 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 NPT
DESIGN OPERATING PRESSURE	29 to 87 PSI (Higher supply pressures accommodated with the incorporation of the optional Pressure Reducing Valve)
TEST PRESSURE	149 PSI
MINIMUM FLOW AT OPERATING PRESSURE	Shower: 76 liters/minute minimum Eye/Facwash: 11.4 liters/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)

OPERATIONAL

SHOWER SPRAY OPERATION	Pull Handle Lever (Optional Foot Panel)
EYEBATH OPERATION	Pull Handle Lever (Optional Foot Panel)

WEIGHTS and DIMENSIONS

DIMENSIONS (STANDARD ORIENTATION)	11"(W) x 30"(D) x 91"(H)
WEIGHT (NO OPTIONS)	35lb

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

TECHNICAL DETAILS



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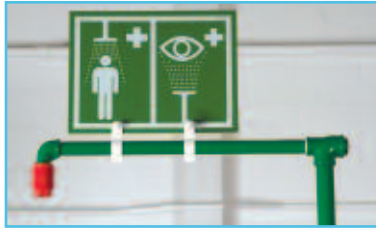


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G.A. DRAWING

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