

# HUGHES


**SAFETY-SHOWERS**

## MOBILE EMERGENCY SAFETY SHOWERS

Mobile emergency safety showers are essential for standby use in hazardous environments where no water supply is available, a constant supply of water cannot be relied upon or when existing safety showers are undergoing maintenance.



### Covered Eye/Face Wash

Protects the bowl and diffusers against dust and debris

### Hughes Safety Shower Valve

Made from 316L stainless steel for complete corrosion resistance and longer life

### Optional 'A' Frame Towing Hitch

Can be fitted to enable the unit to be towed by any vehicle fitted with a standard tow ball

### Optional Eye, Face and Body Shower

For direct efficient washing of the affected area or for smaller spillages

## DESCRIPTION

The Mobile Self-Contained Emergency Safety Shower has a capacity of approximately 114 litres and gives a constant flow of water for about 1½ minutes. The specially designed plastic lined cylinder is constantly charged with pressure and only requires the connection of a hose from a water main to fill it ready for use.

Its compact design enables it to be easily stored when not being used. By incorporating a stainless steel frame and large diameter pneumatic tyres, this cylinder can easily be moved and manouvered by one man.

Should it be necessary to move the unit long distances or over uneven surfaces, an 'A' frame with towing hitch (optional) can be fitted which enables it to be towed by any vehicle fitted with a standard tow ball. The wheel spacing can also be altered which allows the unit to go through standard door openings; this is particularly important when requiring its use indoors in a laboratory or acid store etc.



### **Available Model:**

Heated and pre-insulated: **STD-H-40K**

Pre-insulated without heating: **STD-J-40K**

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## MOBILE SELF CONTAINED EMERGENCY SAFETY SHOWER

### TECHNICAL SPECIFICATION

#### MATERIALS OF CONSTRUCTION

Pipework & Fittings	316L Stainless Steel
Operating Valve	Hughes - 316 Stainless Steel
Shower Spray Outlet	Hughes - Shower Nozzle - UPVC
Standard Finish	White Gloss Painted Tank - 40K J-40K and H-40K Polyethylene Jacket

#### SERVICES

Water Inlet	½" Coupling
Design Operating Pressure	2.0 to 6 BAR G
Test Pressure	10.3 BAR G
Flow Rates	Shower: 76 litres/minute minimum Eye/Facewash (Optional): 11.4 litres/minute minimum

#### ENVIRONMENTAL OPERATING TEMPERATURE

Minimum Ambient Operating Temp	5° C (41° F) - 40K
Maximum Ambient Operating Temp	35° C (95° F) - 40K

#### ACTIVATION/OPERATION

Shower/body Spray Operation	Hand Lever
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#### WEIGHTS and DIMENSIONS

Overall Dimensions	780(W) x 1170(D) x 1430mm(H)
Weight (Unpacked)	80Kg (No Options)

### 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 and 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 and stickers.
- Sign & date service tag when service completed.

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