

# IMPORTANT USER GUIDANCE – MOBILE EMERGENCY SAFETY SHOWER & EYE-WASH MODELS: STD-40K & STD-H-40K

## READ THESE INSTRUCTIONS BEFORE USING THE APPLIANCE



**GENERAL:** the STD 40 K (pictured right) is an unheated safety shower and eye-wash station intended for temporary use, capable of delivering a deluge of water for up to 1 ½ minutes. This unit is easily filled by connecting to a mains water supply via a 15 mm hose; it is then simply wheeled to its required position.

The wheel centres enable the unit to pass through a standard door opening - allowing it to be used in laboratories, plant rooms etc. The STD 40 K can be used inside and outside in ambient temperatures from +5°C to +35°C, and is finished in acid-resistant white paint with pictogram 'Emergency Shower' sign.

For colder environments / seasons where the ambient temperature is below 5°C the STD H 40K offers all the features of the standard 40K plus a polyester coated PVC insulated jacket equipped with trace heating for frost protection. When connected to a 110v CTE supply (via a standard 16A 110v coupler) it draws only 120 watts but protects down to - 20°C. The STD H 40K is finished in green (pictured left).

These Mobile Emergency Safety Showers are designed as quick response, first-aid devices for use where a plumbed-in unit is not available. Depending on application they may need to be supplemented by a method of further decontamination.



### FILLING / CHARGING INSTRUCTIONS:

Prior to use the Safety Shower must be charged with potable (drinking) quality water. This is done by connecting the tank to a clean mains water supply using the water inlet located near the base of the tank (easily identified as it is equipped with a quick release hose fitting). The water inlet valve should then be opened and the tank allowed to fill until either water stops flowing in or the pressure gauge reads between 3 and 6 Bar.

**WARNING:** maximum working pressure must not exceed 6 Bar, minimum working pressure should be not less than 3 Bar. If pressure is less than 3 bar shower the run time of the shower will be reduced.

After closing the water inlet valve the supply hose can be removed and the unit will be ready for use, or for manoeuvring to its final position. As a check tip the tank onto its wheels and test if it is heavy – indicating a large quantity of water is in the tank.



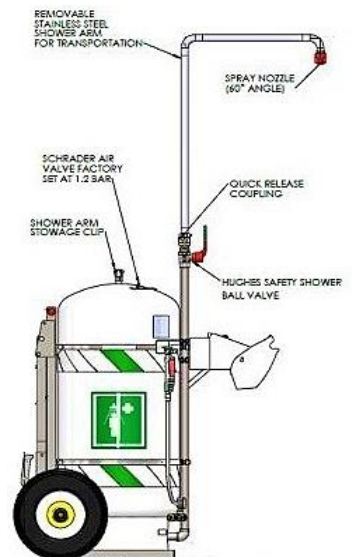
### OPERATING INSTRUCTIONS:

1. Stand the filled safety shower in an upright position and connect the shower riser pipe. Only if using the STD H 40K also plug-in a 110v power supply to activate the trace heating.
2. To operate the shower – pull lever on the shower riser.
3. To operate the eye-wash pull the white cover firmly towards you – water flows immediately; flow rate can be adjusted by rotating a knob on the side of the eye wash.
4. In-Service Checks / Procedures:

(a) It is recommended the shower and eye wash station be visually inspected at least weekly and activated for a few seconds on each occasion; record this check.

(b) When the ambient temperature is below 25°C the user is advised to empty and recharge the safety shower with clean potable water at least every 3 months. If the ambient temperature is sustained above 25°C empty and recharge the safety shower at least monthly; maximum recommended operating temperature is 35°C.

(c) Every six months unscrew the shower and eyewash nozzles, sanitize using a mild chlorine solution (e.g. Milton), rinse in water and refit. Activate the shower and eyewash afterwards to validate their correct operation.



**CAUTION:** This equipment contains water; if the ambient temperature is below 5°C use a frost protected unit (STD H 40K).

If the water pressure used to fill the safety shower is greater than 4 Bar it will be necessary to increase the air pressure in the diaphragm air reservoir to between 1 and 2 bar. Please contact the supplying hire depot if you require this.

**DIMENSIONS:** Stowed      Depth 1170mm      Width 780mm      Height 1430mm      Weight 82 kg [STD H 40K 92 kg]  
 In Service      Depth 1480mm      Width 780mm      Height 2390mm      Weight 196 kg [STD H 40K 206 kg]

FOR MORE INFORMATION ABOUT OUR RANGE OF HIRE EQUIPMENT PLEASE SEE OUR WEBSITE [www.site-showers.com](http://www.site-showers.com)