

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

READ THESE INSTRUCTIONS BEFORE USING THE APPLIANCE

GENERAL: the STD 40 K 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 pipe; it is then manoeuvred to its required position either by hand, or using an (optional) 'A' frame coupling to a standard tow ball on a vehicle. It may be used inside or outdoors; the wheel centres can be adjusted to enable the unit to pass through a standard door opening - allowing it to be used in laboratories, plant rooms etc.



The exterior is painted with acid resistant white enamel paint and fitted with pictogram 'Emergency Shower' signs and green and white safety stripes. This Mobile Emergency Safety Shower is designed as a quick response, first-aid device for use where a plumbed-in unit is not available. Depending on application this 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 water pressure is less than 3 bar shower run time 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. Once filled locate shower in an upright position and connect the shower riser pipe.
2. To operate the shower – pull the hand lever on the shower riser.
3. To operate the eye-wash pull the white cover firmly towards you – water flows immediately; the flow rate can be adjusted by rotating the knob on the right hand side of the eye wash station.
4. In-Service Checks / Procedures:



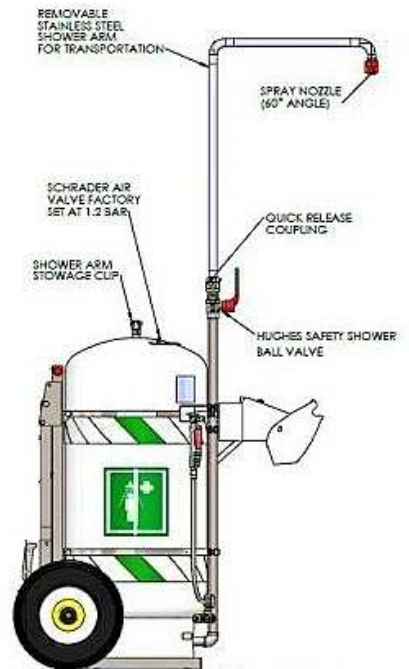
(a) It is recommended that the shower and eye wash station be visually inspected at least weekly and activated for a few seconds on each occasion; you should keep a record of this check.

(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 - accordingly protect from frost; it is recommended that this equipment is not deployed where the ambient temperature will fall below 5°C – consider using a heated safety shower instead.

If the water pressure used to fill the shower is greater than 4 Bar then 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 105 kg
	In Service	Depth 1480mm	Width 780mm	Height 2390mm	Weight 220 kg

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