

# Product Datasheet

## 2000L Tank fed safety shower - immersion heated MH14KS2000

Meet ANSI standards whilst protecting your workforce at risk of contamination from hazardous substances. Ideal for cold climates or locations where tepid water is not available, this 2000 liter (528 US gal) gravity fed tank shower is fully operational in temperatures down to -10F (-23C). Featuring a self-contained tank there is no need for a mains water supply making this the best solution for remote locations.

The integral immersion heater and thick polyurethane insulation maintain the temperature of the water within the overhead tank between 60-100F (16-38C). At this tepid temperature the casualty is able to remain under the shower for the recommended 15 minutes to decontaminate thoroughly and meet ANSI standards.



*Shown with optional GRP panels, eye wash foot treadle and shower foot activation*

## Specifications

MATERIALS OF CONSTRUCTION	
FRAME AND LEGS	Stainless steel
WATER TANK	2000 L (528 US gal) capacity medium density polyethylene MDPE
TANK SURROUND AND LID	GRP
INSULATION	40mm (1½") foil backed polyurethane
PIPING AND VALVE	uPVC and stainless steel*
SHOWER CONTROL VALVE	uPVC 1½" ball valve*
EYE WASH CONTROL VALVE	½" stainless steel full flow ball valve
EYE WASH STRAINER	½" stainless steel*
BALLCOCK VALVE	2 x ½" brass*
OVERFLOW	1" male uPVC*
SHOWER ROSE	GRP, stainless steel
PANIC BAR	Red powder coated stainless steel
FOOT CONTROL OPTIONS	Foot panel (for shower) and powder coated stainless steel treadle (for eye wash)
FASTENERS AND FIXINGS	Stainless steel
SERVICES	
ELECTRICAL EQUIPMENT	General purpose or CLASS 1, DIV 2, GRPS C&D
ELECTRICAL SUPPLY	110V, single phase, 50/60Hz, 1.7kW (220V optional)
IMMERSION HEATER RATING	1.7kW (2.5kW for 220V)
WATER INLET	¾" female NPT
OPERATING PRESSURE	0.5 to 7 BAR G / 7 to 101 PSI
MINIMUM FLOW RATES	Shower: 76 L per minute / 20 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute
AMBIENT OPERATING TEMPERATURE	
MINIMUM	-23C / -10F
MAXIMUM	35C / 95F

*\* all stainless steel piping and valves available as an option*

*Specifications continued overleaf*

# General Arrangement Drawing

## 2000L Tank fed safety shower - immersion heated

MH14KS2000

### Specifications cont.

OPERATION	
SHOWER	Push activated panic bar (or optional foot panel)
EYE WASH	Lift lid (or optional foot panel)
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	2057mm (81in) x 1498mm (59in) x 3759mm (148in)
WEIGHT	Empty: 482kg (1062lb). Full: 2482kg (5472lb)

