

Product Datasheet

1200L Tank fed safety shower - immersion heated MH14KS1200

Meet ANSI standards whilst protecting your workforce at risk of contamination from hazardous substances. Ideal for hot climates and cold climates, this 1200 liter (317 US gal) gravity fed tank shower is fully operational in temperatures down to -10F (-23C). Has a self-contained tank there is no need for a mains water supply making this the best solution for remote locations. Features internally mounted, covered eye/face wash unit.

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.

Note: this tank shower is ANSI compliant for the 15 minutes time requirement only when connected to a plumbed-in water source.



Shown with optional GRP panels and foot panel

Specifications

MATERIALS OF CONSTRUCTION	
FRAME AND LEGS	Stainless steel
WATER TANK	1200 L (317 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" female uPVC*
SHOWER ROSE	GRP, stainless steel
PANIC BAR	Red powder coated stainless steel
FOOT CONTROL OPTIONS	GRP 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	-30C / -22F (with the addition of trace tape heating to the valve assembly and eye wash feed line)
MAXIMUM	35C / 95F

* all stainless steel piping and valves available as an option

Specifications continued overleaf

General Arrangement Drawing

1200L Tank fed safety shower - immersion heated

MH14KS1200

Specifications cont.

OPERATION	
SHOWER	Push activated panic bar (or optional foot panel)
EYE WASH	Lift lid (or optional foot panel)
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	1575mm (62in) x 1498mm (59in) x 3632mm (143in)
WEIGHT	340kg (750lb)

