

Product Datasheet

1200L Tank fed safety shower - immersion heated MH14KS1200

Effective in environments where a constant supply of water, or adequate water pressure, and flow rates cannot be guaranteed.

For outdoor use in hot climates, adding a chiller unit is crucial to prevent water within the tank from reaching dangerous levels and potentially scalding a casualty upon activation. The integral immersion heater and thick polyurethane insulation maintain a safe water temperature within the overhead tank.

Features internally mounted, covered eye/face wash unit and rectangular hollow section stainless steel frames designed and built to be earthquake-proof, conforming to the California Building Code.

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	-10C / 14F
MAXIMUM	38C / 100F

* all stainless steel piping and valves available as an option

Specifications continued overleaf

General Arrangement Drawing

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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)

