

Product Datasheet

1500L Tank fed safety shower with doors - immersion heated

EXP-MH-14KS/1500-P

For severely cold climates, the polar tank shower features all the benefits of the popular 1500 litre immersion heated model with the addition of a double-skinned fibreglass insulated cubicle with doors to protect the casualty from the elements. For maximum protection an optional air heater is available to maintain the temperature of the internal cubicle. Designed to provide 76 litres of water per minute for 15 minutes, without the need for a mains water supply, this safety shower meets and exceeds EN and ANSI standards.



Specifications

MATERIALS OF CONSTRUCTION	
FRAME AND LEGS	Stainless steel
WATER TANK	1500 L (396 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	Acrylonitrile styrene acrylate
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	ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models also available
ELECTRICAL SUPPLY	240V, single phase, 50/60Hz, 3kW (110V optional)
IMMERSION HEATER RATING	3kW
WATER INLET	¾" female BSP
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	-50C / -58F (cubicle fitted with internal heaters)
MAXIMUM	35C / 95F

Specifications continued overleaf

General Arrangement Drawing

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Specifications cont.

OPERATION	
SHOWER	Push activated panic bar or optional GRP foot panel
EYE WASH	Lift lid
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	1366mm (53.8in) x 1250mm (49.2in) x 3955mm (155.7in)
WEIGHT	620kg (1367lb)

