350L Tank fed safety shower - immersion heated

EXP-MH-14KS/350

Protect worker safety, whatever the weather. This emergency tank shower stores 350 litres of water in the heated and insulated overhead tank making it ideal for locations without a reliable water supply or inadequate water pressure. A minimum flow rate of 76 litres of water per minute offers a thorough decontamination of the casualty.

Suitable for both hazardous and non-hazardous environments, the immersion heater maintains the water in the tank within the tepid range of 15-38C allowing it to operate in ambient temperatures down to -35C.



Shown with optional GRP panels and eye wash

Specifications

WATER TANK 350 L (92 US gal) capacity medium density polyethylene MDPE TANK SURROUND AND LID GRP INSULATION 40mm (11½") foil backed polyurethane IPPING AND VALVE UPVC and stainless steel SHOWER CONTROL VALVE UPVC 11½" ball walve EYE WASH CONTROL VALVE Y" stainless steel full flow ball valve EYE WASH STRAINER ½" stainless steel full flow ball valve EYE WASH STRAINER X" stainless steel full flow ball valve EYE WASH STRAINER X" stainless steel full flow ball valve EYE WASH STRAINER X" stainless steel EALLCOCK VALVE 2 x ½" brass OVERFLOW SHOWER ROSE GRP, stainless steel FANIC BAR Red powder coated stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS STAINERS STEEL ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 440V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING NAMERSION HEATER RATING NAMERSION HEATER RATING WATER INLET X" female BSP OPERATING PRESSURE AND FIXING ** 3 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute	MATERIALS OF CONSTRUCTION	
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 Y" stainless steel full flow ball valve EYE WASH STRAINER ½" stainless steel BALLCOCK VALVE 2 ½ brass COVERFLOW 1" male UPVC SHOWER ROSE GRP, stainless steel PANIC BAR Red powder coated stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS SERVICES ELECTRICAL EQUIPMENT Non-flame-proof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING MY female BSP OPERATING PRESSURE NINMUM FLOW RATES AMBIENT OPERATING EMBERSHULE MINMUM FLOW RATES AMBIENT OPERATING EMBERSHULE MINMUM FLOW RATES MONTH STAIN SAID FINING SHOWER SAID FINING S	FRAME AND LEGS	Stainless steel
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 full flow ball valve EYE WASH STRAINER ½** stainless steel BALLOOCK VALVE 2 x½** brass OVERFLOW 1** male uPVC SHOWER ROSE GRP, stainless steel PANIC BAR RED ROSE GRP, stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENIERS AND FIXINGS Stainless steel ELECTRICAL EQUIPMENT ATEX 2000 1 x 2000 1 x 3000	WATER TANK	350 L (92 US gal) capacity medium density polyethylene MDPE
PIPING AND VALVE UPVC 11/2" ball valve EYE WASH CONTROL VALVE EYE WASH CONTROL VALVE EYE WASH CONTROL VALVE EYE WASH STRAINER EYE WASH STRAI	TANK SURROUND AND LID	GRP
SHOWER CONTROL VALVE EYE WASH CONTROL VALVE EYE WASH STRAINER EYE W	INSULATION	40mm (1½") foil backed polyurethane
EYE WASH CONTROL VALVE	PIPING AND VALVE	uPVC and stainless steel
EYE WASH STRAINER %" 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 GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING WATER INLET MINIMUM FLOW RATES MINIMUM FLOW RATES MINIMUM FLOW RATES MINIMUM FLOW RATES MINIMUM **OF INTERIOR OF INTE	SHOWER CONTROL VALVE	uPVC 1½" ball valve
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 GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT ATEX ATEX Zone 1 & 2, Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 34" 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 -10C / 14F	EYE WASH CONTROL VALVE	1/2" stainless steel full flow ball valve
DVERFLOW 1" male uPVC SHOWER ROSE GRP, stainless steel PANIC BAR Red powder coated stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 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 AMBIENT OPERATING TEMPERATURE MINIMUM -10C / 14F	EYE WASH STRAINER	½" stainless steel
SHOWER ROSE GRP, stainless steel PANIC BAR Red powder coated stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 440V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING IkW - 230V WATER INLET OPERATING PRESSURE OPERATING PRESSURE MINIMUM FLOW RATES AMBIENT OPERATING TEMPERATURE MINIMUM FLOW RATES MINIMUM STAND STAN	BALLCOCK VALVE	2 x ½" brass
PANIC BAR Red powder coated stainless steel FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT AND-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET OPERATING PRESSURE MINIMUM FLOW RATES AND FIXED Shower: 76 L per minute / 20 US gal per minute Eye/face wash: 12 L per minute AMBIENT OPERATING TEMPERATURE MINIMUM 1-10C / 14F	OVERFLOW	1" male uPVC
FOOT CONTROL OPTIONS GRP panel (for shower) FASTENERS AND FIXINGS Stainless steel SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET OPERATING PRESSURE OPERATING PRESSURE MINIMUM FLOW RATES Shower: 76 L per minute / 20 US gal per minute Eye/face wash: 12 L per minute AMBIENT OPERATING TEMPERATURE MINIMUM -10C / 14F	SHOWER ROSE	GRP, stainless steel
FASTENERS AND FIXINGS SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY AVAIGNMERSION HEATER RATING WATER INLET OPERATING PRESSURE OPERATING PRESSURE OS to 7 BAR G / 7 to 101 PSI 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	PANIC BAR	Red powder coated stainless steel
SERVICES ELECTRICAL EQUIPMENT ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 9/" female BSP OPERATING PRESSURE 0.5 to 7 BAR G / 7 to 101 PSI Shower: 76 L per minute / 20 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute Eye/face wash: 12 L per minute / 3 US gal per minute AMBIENT OPERATING TEMPERATURE MINIMUM -10C / 14F	FOOT CONTROL OPTIONS	GRP panel (for shower)
ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available) Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 3/" 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 -10C / 14F	FASTENERS AND FIXINGS	Stainless steel
ELECTRICAL EQUIPMENT Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 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	SERVICES	
Non-flameproof models available ELECTRICAL SUPPLY 240V, single phase, 50/60Hz (110V optional) IMMERSION HEATER RATING 1kW - 230V WATER INLET 34" 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 -10C / 14F	ELECTRICAL EQUIPMENT	ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available)
IMMERSION HEATER RATING 1kW - 230V WATER INLET %" 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 -10C / 14F		Non-flameproof models available
WATER INLET 94" female BSP OPERATING PRESSURE 0.5 to 7 BAR G / 7 to 101 PSI 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	ELECTRICAL SUPPLY	240V, single phase, 50/60Hz (110V optional)
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	IMMERSION HEATER RATING	1kW - 230V
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	WATER INLET	3/4" female BSP
MINIMUM FLOW RATES Eye/face wash: 12 L per minute / 3 US gal per minute AMBIENT OPERATING TEMPERATURE MINIMUM -10C / 14F	OPERATING PRESSURE	0.5 to 7 BAR G / 7 to 101 PSI
Eye/face wash: 12 L per minute / 3 US gal per minute AMBIENT OPERATING TEMPERATURE MINIMUM -10C / 14F	MINIMUM FLOW RATES	Shower: 76 L per minute / 20 US gal per minute
MINIMUM -10C / 14F		Eye/face wash: 12 L per minute / 3 US gal per minute
	AMBIENT OPERATING TEMPERATURE	
MAXIMUM 35C / 95F	MINIMUM	-10C / 14F
	MAXIMUM	35C / 95F

Specifications continued overleaf



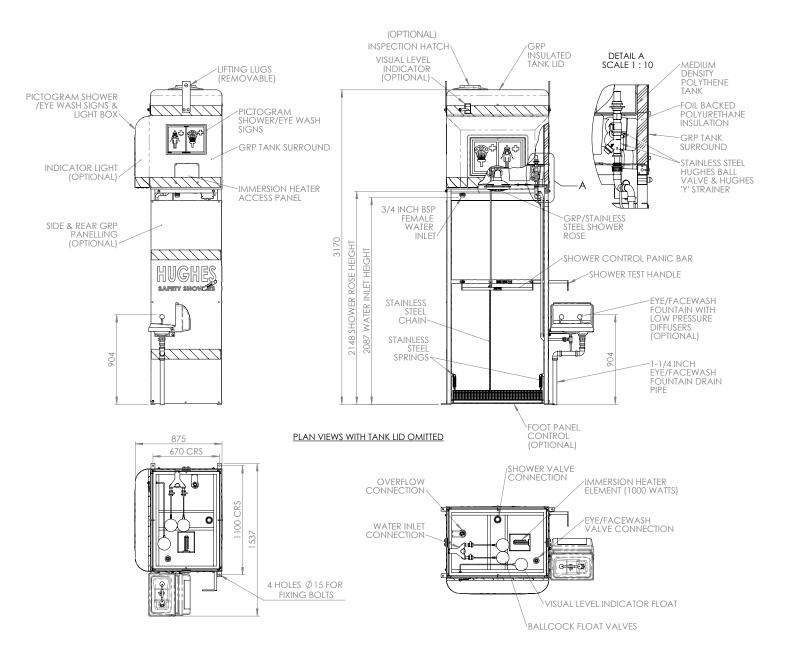
General Arrangement Drawing

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Specifications cont.

OPERATION	
SHOWER	Push activated panic bar or optional GRP foot panel
EYE WASH	Lift lid
DIMENSIONS & WEIGHT	
DIVILIACIONO & WEIGHT	
DIMENSIONS (WxDxH)	1537mm (60.6in) x 880mm (34.6in) x 3170mm (128.1in)





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