## 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 -10C.



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  MINIMUM  **OF 10K / 14F  **Identifies the minimum of the minimum o	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 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	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



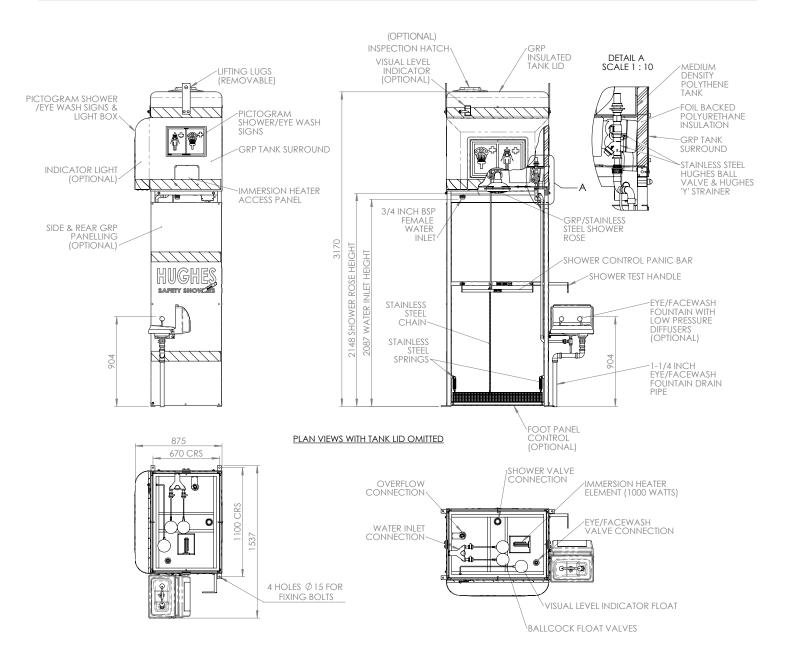
# General Arrangement Drawing

## 350L Tank fed safety shower - immersion heated

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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)	1537mm (60.6in) x 880mm (34.6in) x 3170mm (128.1in)
WEIGHT	150kg (331lb)





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