Product Datasheet

1500L Tank fed safety shower - jacketed & insulated

EXP-J-14K/1500 EXP-J-14KS/1500

Effective in environments where a constant supply of water cannot be guaranteed. Equally, if there is insufficient water pressure or inadequate flow rates a tank fed safety shower is essential. This 1500 litre capacity model meets and exceeds EN15154 and ANSI Z358.1-2014 requirements. An optional eye/face wash is available to provide a complete solution.

For outdoor use in hot climates, the addition of a chiller unit is crucial to prevent water within the tank reaching dangerous levels and potentially scalding a casualty upon activation.

For indoor use, this jacketed and insulated model assists in maintaining a steady water temperature within the tank.



Shown with optional GRP panels and eye wash

Specifications

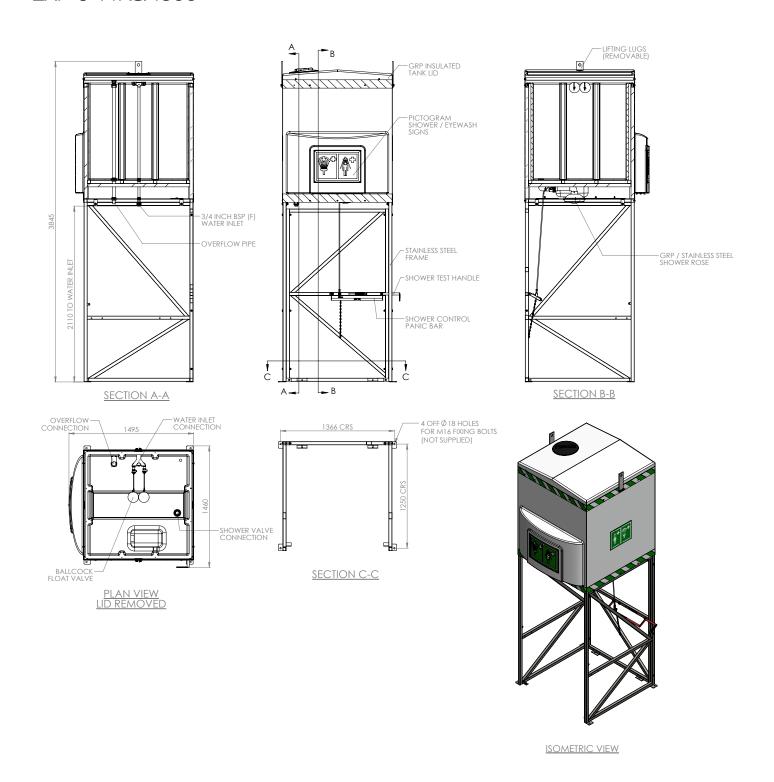
FRAME AND LEGS Stainless steel (KS) or galvanised mild steel (K) WATER TANK 1500 L (396 US gal) capacity medium density polyethylene MDPE TANK SURFOUND AND LID GPV Cand stainless steel SHOWER CONTROL VALVE uPVC and stainless steel EVE WASH DIFFUSERS uPVC EVE WASH STRAINER ½" stainless steel full flow ball valve EVE WASH STRAINER 2x ½" brass BALLCOCK VALVE 2x ½" brass BALLCOCK VALVE ½" stainless steel BALLCOCK VALVE 2x ½" brass BALLCOCK VALVE 2x ½" brass BALLCOCK VALVE ½" stainless steel BALLCOCK VALVE 2x ½" brass BALLCOCK VALVE 3x ½" brass BALLCOCK VALVE 3x ½" brass BALLCOCK VALVE 3x ½" brass BALL COCK VALVE	MATERIALS OF CONSTRUCTION	
TANK SURROUND AND LID PIPING AND VALVE UPVC and stainless steel SHOWER CONTROL VALVE UPVC 11/2* ball valve EYE WASH CONTROL VALVE EYE WASH CONTROL VALVE UPVC EYE WASH DIFFUSERS UPVC EYE WASH STRANER UPVC EYE WASH STRANER UPVC UPVC UPVC UPVC UPVC UPVC UPVC UPVC	FRAME AND LEGS	Stainless steel (KS) or galvanised mild steel (K)
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 DIFFUSERS uPVC EYE WASH STRAINER ½* stainless steel BALL COCK VALVE 2 ½* brass OVERPLOW 1* male 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 W* 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 AMBIENT OPERATING TEMPERATURE Eye/face wash: 12 L per minute / 3 US gal per minute MINIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION Usin activated panic bar or optional GRP foot panel EYE WASH Lift life BOWERS (SWS) Lift life BOWERS (SWS) Lift life (Skiri) x 1495mm (58.9in) x 3845 (151.4in)	WATER TANK	1500 L (396 US gal) capacity medium density polyethylene MDPE
SHOWER CONTROL VALVE UPVC 1½° ball valve EYE WASH DIFFUSERS UPVC EYE WASH STRAINER ½° stainless steel BALLCOCK VALVE 2 x ½° brass OVERFLOW 1° raise UPVC SHOWER ROSE GRP, stainless steel FANIC 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 W* female BSP OPERATING PRESSURE 0.5 to 7 BAR G /7 to 101 PSI MINMUM FLOW RATES Shower: 76 L per minute / 20 US gal per minute EXPISIONS (WADA) 0.C / 32F MAXIMUM 0.C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION Push activated panic bar or optional GRP foot panel EYE WASH Uft lid	TANK SURROUND AND LID	GRP
EYE WASH CONTROL VALVE %" stainless steel full flow ball valve EYE WASH DIFFUSERS uPVC EYE WASH STRAINER %" stainless steel BALLCOCK VALVE 2 x %" brass OVERFLOW 1" male 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 Sale Seel BERVICES W" 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 MINIMUM PLOW RATES Shower: 76 L per minute / 20 US gal per minute MAXIMUM 0 MAXIMUM 0 MAXIMUM 0 MOPERATION VS 2F MAXIMUM 0 MOPERATION Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT 1368mm (54ir) x 1495mm (58.9ir) x 3455 (151.4ir)	PIPING AND VALVE	uPVC and stainless steel
EYE WASH DIFFUSERS uPVC EYE WASH STRAINER ½" 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) and powder coated stainless steel treadle (for eye wash) FASTENERS AND FXINGS Stainless steel SERVICES Water INLET OPERATING PRESSURE 0.5 to 7 BAR G / 7 to 101 PSI OPERATING PRESSURE 5 hower: 76 L per minute / 20 US gal per minute MINIMUM FLOW RATES 5 hower: 76 L per minute / 3 US gal per minute MINIMUM 0.C / 32F MAXIMUM 0.C / 32F MAXIMUM 0.C / 104F (+55C (131F) with optional chiller unit) OPERATION CPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	SHOWER CONTROL VALVE	uPVC 11/2" ball valve
EYE WASH STRAINER %* stainless steel BALLCOCK VALVE 2 x %* brass OVERFLOW 1* male uPVC SHOWER ROSE GPP, 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 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 MINIMUM FLOW RATES Shower: 76 L per minute / 20 US gal per minute MINIMUM CO / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	EYE WASH CONTROL VALVE	½" stainless steel full flow 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) and powder coated stainless steel treadle (for eye wash) FASTENERS AND FIXINGS Stainless steel SERVICES 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 CV 32F MAXIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION Push activated panic bar or optional GRP foot panel EYE WASH EYE WASH Lift lid	EYE WASH DIFFUSERS	uPVC
OVERFLOW 1" male 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 WATER INLET \$4" 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 MINIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	EYE WASH STRAINER	½" stainless steel
BHOWER ROSE GRP, stainless steel RANIC 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 WATER INLET WATER INLET 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 OC / 32F MAXIMUM OC / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER HOWER HO	BALLCOCK VALVE	2 x ½" brass
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 WATE INLET WATE 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 Eye/face wash: 12 L per minute / 3 US gal per minute MINIMUM OC / 32F MAXIMUM OC / 32F MAXIMUM OC / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER BY WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	OVERFLOW	1" male uPVC
FOOT CONTROL OPTIONS GRP panel (for shower) and powder coated stainless steel treadle (for eye wash) FASTENERS AND FIXINGS Stainless steel SERVICES WATER INLET WATER INLET 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 OC / 32F MAXIMUM OC / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER BY HOW A CONTROL OPTIONS HUSH A CONTROL OPTIONS WEIGHT DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	SHOWER ROSE	GRP, stainless steel
FASTENERS AND FIXINGS Stainless steel SERVICES 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 MINIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	PANIC BAR	Red powder coated stainless steel
WATER INLET	FOOT CONTROL OPTIONS	GRP panel (for shower) and powder coated stainless steel treadle (for eye wash)
WATER INLET MATER INLET MINIMUM FLOW RATES MINIMUM M	FASTENERS AND FIXINGS	Stainless steel
OPERATING PRESSURE 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 Eye/face wash: 12 L per minute / 3 US gal per minute MINIMUM OC / 32F MAXIMUM OC / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	SERVICES	
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 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WXDXH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	WATER INLET	%" female BSP
Eye/face wash: 12 L per minute / 3 US gal per minute AMBIENT OPERATING TEMPERATURE MINIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	OPERATING PRESSURE	0.5 to 7 BAR G / 7 to 101 PSI
AMBIENT OPERATING TEMPERATURE MINIMUM 0C / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	MINIMUM FLOW RATES	Shower: 76 L per minute / 20 US gal per minute
MINIMUM OC / 32F MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)		Eye/face wash: 12 L per minute / 3 US gal per minute
MAXIMUM 40C / 104F (+55C (131F) with optional chiller unit) OPERATION SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	AMBIENT OPERATING TEMPERATURE	
OPERATIONSHOWERPush activated panic bar or optional GRP foot panelEYE WASHLift lidDIMENSIONS & WEIGHTDIMENSIONS (WXDXH)1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	MINIMUM	0C / 32F
SHOWER Push activated panic bar or optional GRP foot panel EYE WASH Lift lid DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	MAXIMUM	40C / 104F (+55C (131F) with optional chiller unit)
EYE WASH Lift lid DIMENSIONS & WEIGHT 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	OPERATION	
DIMENSIONS & WEIGHT DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	SHOWER	Push activated panic bar or optional GRP foot panel
DIMENSIONS (WxDxH) 1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)	EYE WASH	Lift lid
	DIMENSIONS & WEIGHT	
WEIGHT 340kg (750lb)	DIMENSIONS (WxDxH)	1366mm (54in) x 1495mm (58.9in) x 3845 (151.4in)
	WEIGHT	340kg (750lb)



General Arrangement Drawing

1500L Tank fed safety shower - jacketed & insulated

EXP-J-14K/1500 EXP-J-14KS/1500





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