

Product Datasheet

450L Temperature Controlled Unit

Ideal for cold climates, this 450 litre heated water tank is fully operational in temperatures down to -40C.

The immersion heater and thick foil-backed polyurethane insulation maintain the temperature of the water within the tank at 70C. Combined with the thermostatic mixing valve, this provides one safety shower and eye/face wash to meet ANSI standards. At this tepid temperature the casualty is able to remain in the safety shower for the recommended 15 minutes to decontaminate thoroughly.



Specifications

MATERIALS OF CONSTRUCTION	
FRAME	Stainless steel
WATER TANK	450 L (119 US gal) capacity
TANK SURROUND	GRP
INSULATION	40mm (1½") foil backed polyurethane
PIPING AND VALVES	Stainless steel bronze and brass
EXPANSION TANK	22 US Gallons
THERMOSTATIC MIXING VALVE	ASSE1071 lead free brass
SERVICES	
ELECTRICAL EQUIPMENT	General Purpose and hazardous locations
ELECTRICAL SUPPLY	240V, single phase. Other voltages available
IMMERSION HEATER RATING	3kW
ELECTRIC ROOM HEATER	750W
WATER INLET	1¼" NPT with pressure reducing valve and y-strainer as standard
WATER OUTLET	1¼" NPT
OPERATING PRESSURE	3.45 to 10.34 BAR G / 50 to 150 PSI
AMBIENT OPERATING TEMPERATURE	
MINIMUM	-40C / -40F
MAXIMUM	45C / 113F
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	1220mm (48in) x 976mm (38.4in) x 2358mm (92.8in)
WEIGHT	386kg (850lb)

Specifications continued overleaf

General Arrangement Drawing

450L heated water tank

