

Product Datasheet

Polar safety shower within insulated cubicle SCPOLAR

For outdoor use in exposed freezing conditions this double skinned, insulated safety shower cubicle will protect casualties from the harsh elements in the event of an emergency. Complete with eye/face wash, drain sump and push open insulated doors to give unimpeded access. The doors automatically close behind the casualty on entry and they can then be monitored through the windows in case assistance is required. An optional 450L water tempering unit can be connected to ensure a constant supply of tepid water for 15 minutes. Meets ANSI Z358.1-2014 standards.



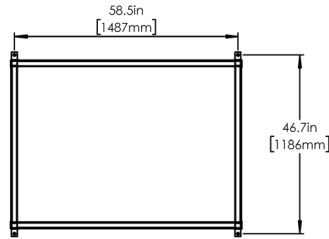
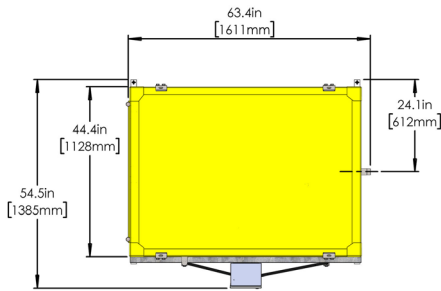
Specifications

MATERIALS OF CONSTRUCTION	
FRAME MATERIAL	Stainless steel
GRATING	GRP
SUMP	GRP
PIPEWORK & FITTINGS	Stainless steel
OPERATING VALVE	Stainless steel, full bore, stay open ball valve
SHOWER NOZZLE	Injection moulded nylon 6
EYE WASH	Acrylic capped ABS
EYE WASH DIFFUSERS	Chrome plated brass retaining ring, stainless steel filter mesh, plastic body
STANDARD FINISH	Double-skinned yellow GRP (fiberglass) gloss finish
SERVICES	
ELECTRICAL EQUIPMENT	General purpose non-hazardous locations and hazardous locations options available
ELECTRICAL SUPPLY	120V single phase or 208V single phase
INNER CUBICLE LIGHT	120V LED
HEATING TYPE	1.5kW room heater
INSULATION	40mm (1½") polyurethane insulation foil backed
WATER INLET	1¼" female NPT
OPERATING PRESSURE	30 to 100 PSI (higher supply pressures accommodated with the incorporation of the optional pressure reducing valve)
MINIMUM FLOW RATES	Shower: 76 L per minute / 20 US gal per minute Eye wash: 12 L per minute / 3 US gal per minute
SUMP OUTLET CONNECTION	Female NPT 2"
AMBIENT OPERATING TEMPERATURE	
MINIMUM	-40C / -40F
MAXIMUM	45C / 113F
OPERATION	
SHOWER	Pull handle
EYE WASH	Pull lid down
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	1128 mm (44.4in) x 1385 mm (54.4in) x 2609 mm (102.7in)
WEIGHT	318kg (700lb)

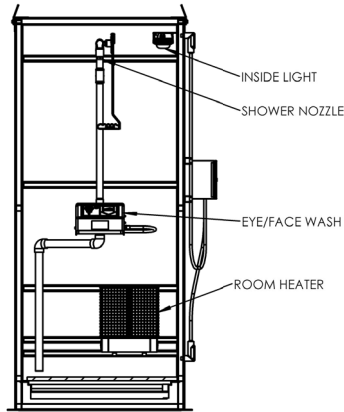
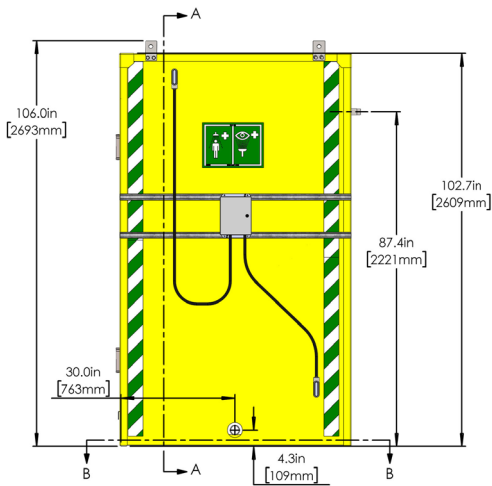
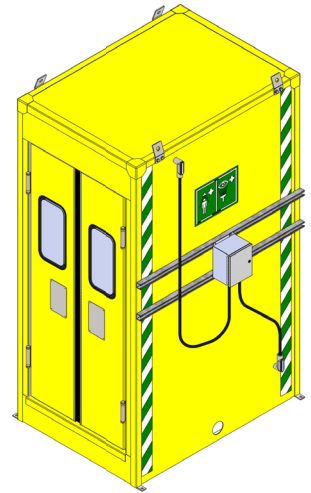
General Arrangement Drawing

Polar safety shower within insulated cubicle

SCPOLAR



SECTION B-B



SECTION A-A