

# 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 heated water tank can be connected to ensure a constant supply of tepid water for 15 minutes. Meets ANSI standards.



## Specifications

MATERIALS OF CONSTRUCTION	
PIPEWORK & FITTINGS	Stainless steel
OPERATING VALVE	Stainless steel, full bore, stay open ball valve
SHOWER NOZZLE	Injection moulded nylon 6
EYE WASH	GRP
EYE WASH DIFFUSERS	Chrome plated brass retaining ring, stainless steel filter mesh, plastic body
STANDARD FINISH	Yellow GRP (fiberglass) gloss finish with green & white safety stripes
SERVICES	
ELECTRICAL EQUIPMENT	CLASS 1, DIV 2, GRPS C & D
ELECTRICAL SUPPLY	110V, single phase, 50/60Hz (240V available)
HEATING TYPE	Trace tape heated and insulated pipework
HEATING LOAD	18 watts (2M long 3BTV)
INSULATION	40mm (1½") polyurethane insulation foil backed
WATER INLET	1" female NPT
OPERATING PRESSURE	2 to 6 BAR G / 29 to 87 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
AMBIENT OPERATING TEMPERATURE	
MINIMUM	-35C / -31F
MAXIMUM	40C / 104F
OPERATION	
SHOWER	Panic bar
EYE WASH	Lift lid
DIMENSIONS & WEIGHT	
DIMENSIONS (WxDxH)	1420mm (55.9in) x 1320mm (52in) x 2820mm (111in)
WEIGHT	410kg (904lb)

# General Arrangement Drawing

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