

Product Datasheet

Quick Ship Emergency Tank Shower - 1200L (317 US Gallons)

QS1200

Packed for economical shipment and assembly on-site. Effective in environments where a constant supply of water, or adequate water pressure, and flow rates cannot be guaranteed.

For outdoor use in hot climates, adding a chiller unit is crucial to prevent water within the tank from reaching dangerous levels and potentially scalding a casualty upon activation. The integral immersion heater and thick polyurethane insulation maintain a safe water temperature within the overhead tank.

Features internally mounted, covered eye/face wash unit and rectangular hollow section stainless steel frames designed and built to be earthquake-proof, conforming to the California Building Code.

Note: this tank shower is ANSI compliant for the 15 minutes time requirement only when connected to a plumbed-in water source.

Specifications



Shown as packed for shipping

MATERIALS OF CONSTRUCTION

SHOWER ROSE	GRP and stainless steel
PIPING & VALVE MATERIALS	uPVC and stainless steel
CONTROL VALVE - SHOWER	uPVC 1½ in ball valve
CONTROL VALVE - EYE/FACE WASH	½ in 316L stainless steel full flow ball valve with stainless steel ball
EYE/FACE WASH STRAINER	½ in stainless steel
OVERFLOW	1 in NPT uPVC
BALLCOCK VALVE	2 x ½ in NPT brass
SHOWER VALVE LEVERS	Red reinforced nylon 6
EYE/FACE WASH VALVE LEVERS	Stainless steel
WATER TANK	1200 liter (317 US gallons) capacity medium density polyethylene HDPE
TANK SURROUND AND LID	Heavy-duty GRP in white
SHOWER FRAME AND LEGS	Stainless steel
PULL RODS FOR VALVE ACTIVATION	Stainless steel
ALL FASTENERS AND FIXINGS	Stainless steel

TECHNICAL DATA

INLET CONNECTION SIZE & TYPE	¾ in NPT Female (interior), 2 in NPT Female (exterior)
SHOWER OPERATION	Panic bar
EYE/FACE WASH OPERATION	Lift lid
SUPPLY PRESSURE	8 to 101 PSI (0.5 to 10 BAR G)
FLOW AT OPERATING PRESSURE	Shower - 76 liters/minute (20 US gallons). Eye/Face wash - 12 liters/minute (3 US gallons)
ELECTRICAL EQUIPMENT - Non-hazardous	Suitable for use in areas classified as non-hazardous (available for Class I, Div 2 hazardous areas)
HEATING LOAD	1.7kW
ELECTRICAL SUPPLY	110V, single phase, 50/60Hz

AMBIENT OPERATING TEMPERATURE

MINIMUM	-10C / -14F
MAXIMUM	40C / 104F

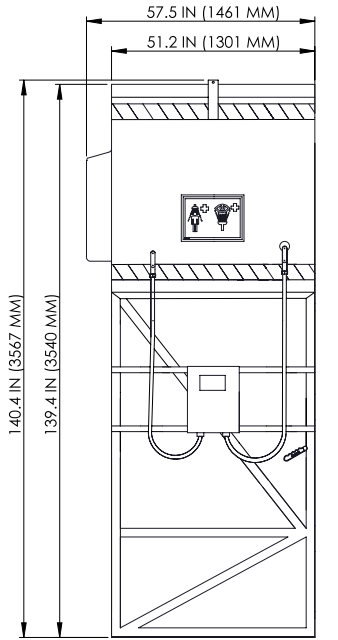
DIMENSIONS & WEIGHT

DIMENSIONS	1647 mm (64.8 in) x 1461 mm (57.5 in) x 3567 mm (140.4 in)
WEIGHT	Empty: 340 kg (750 lbs) Full 1534 kg (3382 lbs)

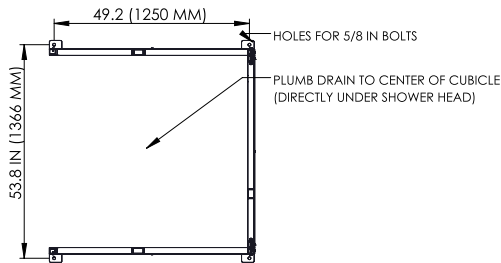
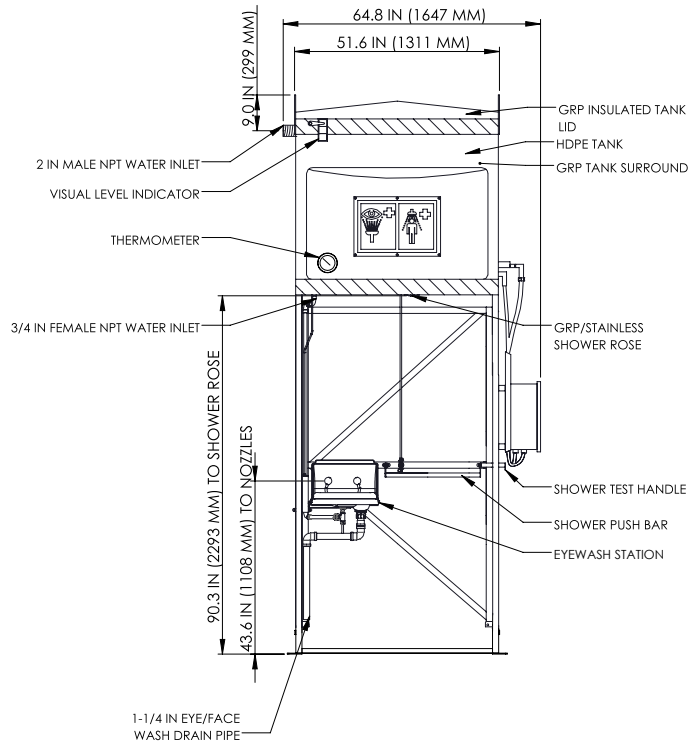
General Arrangement Drawing

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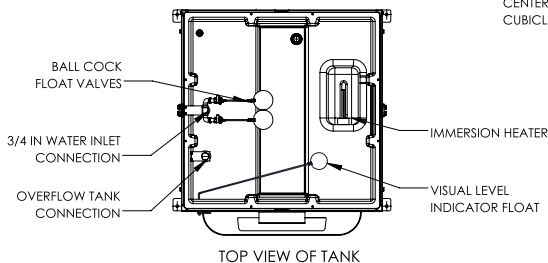
QS1200



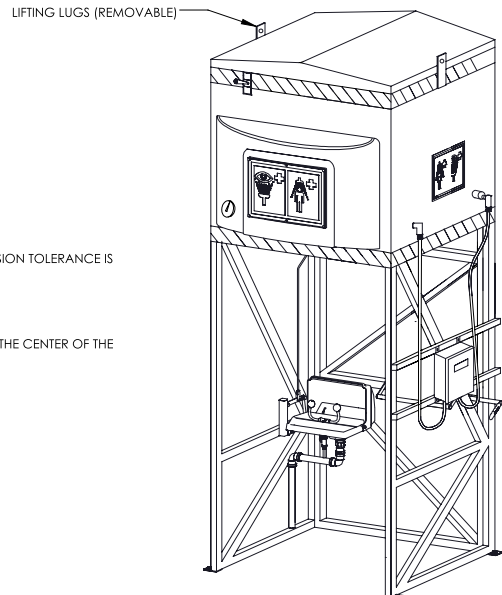
SIDE VIEW (EYEWASH OMITTED)



PLAN VIEW DETAILING FOOTPRINT



TOP VIEW OF TANK



NOTES

DUE TO WELDING TOLERANCES, DIMENSION TOLERANCE IS +/- 0.4 IN (10MM).

TANK VOLUME TO 70.6 FT³ (2M³).

CENTER OF GRAVITY IS LOCATED NEAR THE CENTER OF THE CUBICLE, JUST BELOW THE CEILING.

HUGHES



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