

# Product Datasheet

## EXP-MH-14K/1500 EXP-MH-14KS/1500 Emergency Tank Shower

Immersion heated emergency tank shower for use in hazardous and non-hazardous environments. Designed to meet and exceed ANSI standards by providing tepid water for over 15 minutes at a guaranteed flow of 76 litres per minute, even when there is no mains water supply. Optional eye/face wash unit can be mounted internally or externally. Available with either galvanised mild steel or stainless steel frame.



## Specifications

### TECHNICAL DATA

INLET CONNECTION SIZE & TYPE	3/4" BSP Female
SHOWER OPERATION	Panic bar (optional foot panel control)
EYE/FACE WASH OPERATION	Lift lid (optional foot treadle control)
SUPPLY PRESSURE	0.5 to 10 BAR G (7 to 145 PSI)
FLOW AT OPERATING PRESSURE	Shower - 76 litres/minute (20 US gallons). Eye/Face wash - 12 litres/minute (3 US gallons)
ELECTRICAL EQUIPMENT - Non-hazardous	Suitable for use in areas classified as non-hazardous
ELECTRICAL EQUIPMENT - Hazardous	ATEX Zone 1 & 2. Gas groups IIA & IIB. Temp Class T3 (IIC available)
ELECTRICAL SUPPLY	230V, single phase, 50Hz (110V optional)

### MATERIALS OF CONSTRUCTION

SHOWER ROSE	GRP and stainless steel
PIPING & VALVE MATERIALS	uPVC and stainless steel
CONTROL VALVE - SHOWER	uPVC 1 1/2" BSP ball valve
CONTROL VALVE - EYE/FACE WASH	1/2" stainless steel full flow ball valve with stainless steel ball
EYE/FACE WASH STRAINER	1/2" stainless steel
OVERFLOW	1" BSP uPVC
BALLCOCK VALVE	2 x 1/2" BSP brass
SHOWER VALVE LEVERS	Red reinforced nylon 6
EYE/FACE WASH VALVE LEVERS	Stainless steel
WATER TANK	1500 litre (396 US Gallons) capacity medium density polyethylene MDPE
TANK SURROUND AND LID	Heavy-duty GRP in white (green or yellow available)
SHOWER FRAME AND LEGS (K)	Galvanised steel
SHOWER FRAME AND LEGS (KS)	Stainless steel. Polished brush finish (paint options available)
PANIC BAR FOR VALVE ACTIVATION	Stainless steel - powder coated red
FOOT CONTROL OPTIONS	Panel foot control - GRP/Treadle foot control - powder coated stainless steel
ALL FASTENERS AND FIXINGS	Stainless steel

### ENVIRONMENTAL OPERATING TEMPERATURE

MINIMUM AMBIENT OPERATING TEMPERATURE	-35° C (-31° F)
MAXIMUM AMBIENT OPERATING TEMPERATURE	40° C (104° F) (+55° C (131° F) with cooling unit fitted)

### WEIGHTS AND DIMENSIONS

DIMENSIONS (WxDxH)	1420mm (55.9in) x 1495mm (58.9in) x 3746mm (147.5in)
1500 LITRE - no options	340kg (750lbs)

# HUGHES



HUGHES-SAFETY.COM

Justrite Safety Group

www.hughes-safety.com

**EXP-MH-14K/1500**  
**EXP-MH-14KS/1500**  
 Emergency Tank Shower

**OPTIONAL FITTINGS**

GRP PANELLING TO 3 SIDES

SUN SHIELDS - SET

SUMP FRAME & FOOT GRATING

SHOWER PANEL FOOT CONTROL

EYE WASH TREADLE FOOT CONTROL

EYE/FACE WASH

POINTER LEVEL INDICATOR

TEMPERATURE INDICATOR 4" DIAL

IMMERSION HEATER - FLP

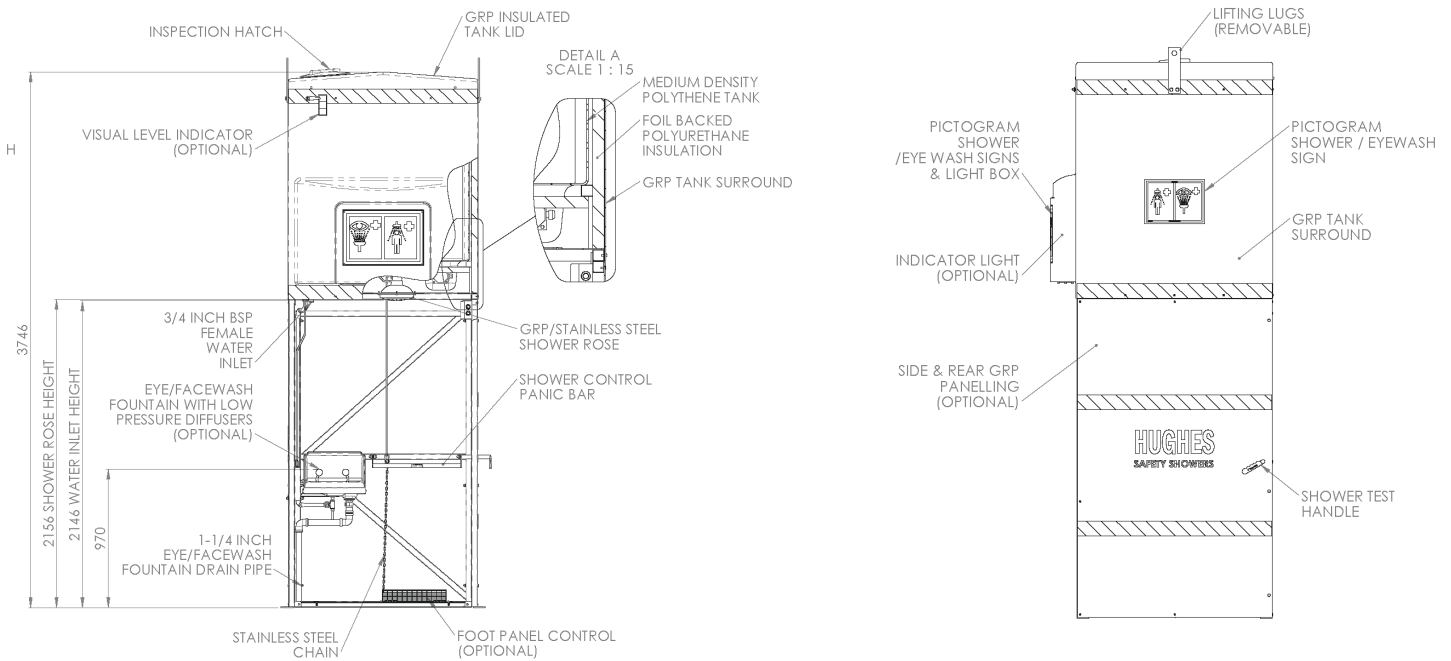
IMMERSION HEATER - NON FLP

CHILLER UNIT - FLP

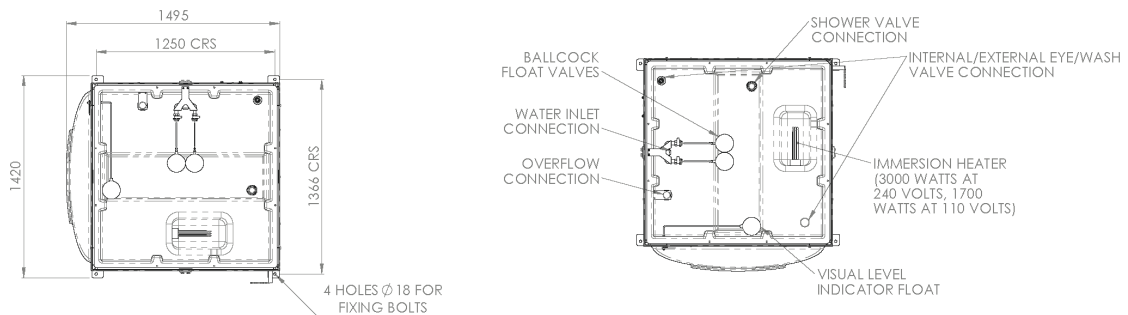
CHILLER UNIT - NON FLP

LIGHT - FLP

LIGHT - NON FLP



PLAN VIEWS WITH TANK LID OMITTED



**HUGHES**



**HUGHES-SAFETY.COM**

Justrite Safety Group

Hughes Safety Showers Ltd, Whitefield Road, Bredbury, Stockport SK6 2SS UK.

Email: [sales@hughes-safety.com](mailto:sales@hughes-safety.com)

Tel: +44 (0)161 430 6618

Registered No. 0939240. VAT Registration No. 918 5005 32. Hughes Safety Showers Ltd is a Justrite Group Company.

V1.6