



Quick Ship Tank Showers QS1200



QUICK SHIP TANK SHOWER

- Ready to ship within 1 to 3 days
- ANSI compliant and tepid water supply
- Flat packed for economical shipment and easy assembly on-site
- Low maintenance

Tank Shower Range

Hughes Safety Showers manufacture a range of heavy-duty Emergency Tank Showers for use when tepid water is required or a constant supply cannot be guaranteed.

These units can be used where there is a problem with insufficient water pressure or inadequate flow rate. This improved range incorporates models to suit a wide range of situations.

The outdoor types are heated and pre-insulated to prevent freezing during conditions of frost, whereas the indoor or tropical versions are insulated but without the heating to ensure a steady temperature is maintained.

Specification

Incorporating an insulated 320 gallon tank with rectangular hollow section frame in Galvanized Mild Steel. The frames are designed and built to be earthquake-proof and conform to the California Building Code 1998 Chapter 16, Division 1.

Available with GRP outer casing in white. Shown with ANSI standard internally mounted Eye/Facewash Fountain.

Models available:

- EXP-MH-14K/1200 - Immersion heated, pre-insulated and jacketed.

On the heated version an integral immersion heater, controlled by a dual safety thermostat, maintains the water in the



tank at a constant temperature to deliver a guaranteed flow of tepid water for in excess of 15 minutes, even when the mains supply has been disrupted. The shower is activated when the casualty pushes the Panic Bar or stands on the optional Foot Panel. The Panic Bar incorporates an integral test handle as standard.

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INTERNATIONAL TRADE
2012



PRODUCT INFORMATION SHEET



Quick Ship Tank Showers QS1200

Technical Data

INLET CONNECTION SIZE & TYPE	3/4" NPT Female or 2" Tanker Inlet
SHOWER OPERATION	Panic Bar
EYE/FACEWASH OPERATION	Lift Lid
SUPPLY PRESSURE	7 PSI (minimum) - 145 PSI (maximum)
FLOW AT OPERATING PRESSURE	Showers - 76 Liters/minute (20 gallons/minute) Eye/Facewash - 12 Liters/minute (3 gallons/minute)
ELECTRICAL EQUIPMENT - Non-Hazardous	Suitable for use in areas classified as Non-Hazardous, General Purpose
ELECTRICAL SUPPLY	110V, Single Phase, 60Hz
IMMERSION HEATER (Not-J-)	1700 Watts - 110 Volts

1200L Emergency Tank Shower

SHOWER ROSE	Fiberglass (GRP) Housing Stainless Steel - 20 gallons/min (ANSI compliant)
PIPING & VALVE MATERIALS	Showers - uPVC Piping and uPVC Valve for Shower Eye wash - uPVC Piping and Stainless Steel Valve for Eye/Facewash
CONTROL VALVE - SHOWER	uPVC 1 1/2" Ball Valve, BS4346 Part 1.
CONTROL VALVE - EYE/FACEWASH	1/2" Hughes Stainless Steel Full Flow Ball Valve with Stainless Steel Ball
EYE/FACEWASH STRAINER	1/2" Hughes Stainless Steel 'Y' Strainer with 100 mesh Monel Filter Basket
OVERFLOW	1" uPVC
BALLCOCK VALVE	2 x 1/2" Brass Ballcock Valve to BS1212/PE2 with 5" Float
VALVE LEVERS	Red Reinforced Nylon & Stainless Steel
SHOWER CONTROL PANIC BAR	Stainless Steel Powder Coated Red
WATER TANK	1200 Liter Capacity Heavy Density Polyethylene HDPE
TANK SURROUND AND LID	Heavy-Duty Fiberglass (GRP) in White
SHOWER FRAME AND LEGS (K)	Mild Steel hollow section galvanized to BS729
INSULATION	1 1/2" Thick Foil Backed Polyurethane
PULL RODS FOR VALVE OPERATION	Stainless Steel
ALL FASTENERS AND FIXINGS	Stainless Steel A2

Environmental Temperature

MINIMUM AMBIENT OPERATING TEMP	EXP-MH: -35°C (-31°F), EXP-J: 5°C (41°F)
MAXIMUM AMBIENT OPERATING TEMP	35°C (95°F) - (Except where chiller or cooling coils are fitted)

Weights and Dimensions

1200Ltr - NO OPTIONS	731lb
ASSEMBLED DIMENSIONS	(L)147" x (H)72" x (W)61"

*Unless stated all references to Stainless Steel are 304L.

**316L is available upon request.



TECHNICAL DETAILS

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Quick Ship Tank Showers QS1200

Included

Optional Fittings

- Eye/Facewash Fountain
- Shower Test Handle
- Visual Level Indicator
- Tanker Fill Point
- 110V Immersion Heater (General Purpose Electrical)

QS1200



Eye/Facewash Fountain



Shower Test Handle



Visual Level Indicator



Tanker Fill Point

Additional options available on model EXP-MH-14K-1200

International Standards Guidance



- ALLOCATE A LOCATION REFERENCE FOR EASE OF IDENTIFICATION
- ALL UNITS TO BE ACTIVATED WEEKLY - ANSI Z358.1 2009
- SAFETY SHOWER/EYE WASH MUST BE LOCATED WITHIN 10 SECONDS OR 15 METERS OF A POTENTIAL HAZARD - ANSI Z358.1 2009
- THE UNIT MUST BE LOCATED ON THE SAME LEVEL AS THE HAZARD AND THE PATH OF TRAVEL & LOCAL AREA SHOULD BE FREE FROM OBSTRUCTIONS - ANSI Z358.1 2009
- THE UNIT SHOULD BE WELL LIT & IDENTIFIED WITH HIGHLY VISIBLE SIGNAGE TO BS EN ISO 7010 - ANSI Z358.1 2009
- FLUSH FOR SUFFICIENT DURATION TO PURGE THE SUPPLY PIPE WITH FRESH WATER
- REPLACE WORN OR ILLEGIBLE SAFETY SIGNS AND STICKERS
- SIGN & DATE SERVICE TAG WHEN SERVICE COMPLETED

Hughes Safety Showers Continuous Improvement Program

BioStat

As part of the Hughes Safety Showers continuous improvement program we have introduced new measures in both the manufacture and servicing of our Safety Showers to control the growth and spread of bacteria. All Tanks are coated in BioStat as part of our hygiene and infection control protocols. When BioStat is applied to the surface it forms a Self-Sanitizing Treatment (SST) to protect against bacteria, Virus and Fungus, Treated surfaces do not require re-application, however they should be regularly cleaned using our approved protocols.



Benefits and Standards

- Non toxic
- Non-leaching, can be used on food preparation surfaces
- Manufactured under EC Directives
- Odorless
- Meets BS EN ISO Standards
- Strong chemical bonding process

Hydroclenz - Hughes Water Treatment Module (Recommended with this safety shower)



To improve water quality and protect against legionella within the tank Hughes Safety Shower offers an optional water treatment Module – Hydroclenze. The module contains a combination of active ceramic and noble metal media (NOT CHEMICAL) They provide constant protection against infestations of pathogenic bacteria in water treatment systems. Immersed in water, the complex integral electrolytic activity of the ceramic media produces constant oxidising, while the noble metal in the form of a fine matrix format produces ionisation.

- Constant protection against legionella
- Improves water quality
- Simple to fit
- Inhibits harmful pathogens
- Cost-effective alternative to chemicals and UV treatments
- Reduced maintenance cost
- No power required



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Quick Ship Tank Showers QS2000



QUICK SHIP TANK SHOWER

- Ready to ship within 1 to 3 days
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- Flat packed for economical shipment and easy assembly on-site
- Low maintenance

Tank Shower Range

Hughes Safety Showers manufacture a range of heavy-duty Emergency Tank Showers for use when tepid water is required or a constant supply cannot be guaranteed.

These units can be used where there is a problem with insufficient water pressure or inadequate flow rate. This improved range incorporates models to suit a wide range of situations.

The outdoor types are heated and pre-insulated to prevent freezing during conditions of frost, whereas the indoor or tropical versions are insulated but without the heating to ensure a steady temperature is maintained.

Specification

Incorporating an insulated 528 gallon tank with rectangular hollow section frame in Galvanized Mild Steel. The frames are designed and built to be earthquake-proof and conform to the California Building Code 1998 Chapter 16, Division 1.

Available with GRP outer casing in white. Shown with ANSI standard internally mounted Eye/Facewash Fountain.

Models available:

- EXP-MH-14K/2000 - Immersion heated and Pre-insulated and Jacketed.

On the heated version an integral immersion heater, controlled by a dual safety thermostat,



maintains the water in the tank at a constant temperature to deliver a guaranteed flow of tepid water for in excess of 15 minutes, even when the mains supply has been disrupted.

The shower is activated when the casualty pushes the Panic Bar or stands on the optional Foot Panel.

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PRODUCT INFORMATION SHEET



Quick Ship Tank Showers QS2000

Technical Data

INLET CONNECTION SIZE & TYPE	3/4" NPT Female or 2" Tanker Inlet
SHOWER OPERATION	Panic Bar
EYE/FACEWASH OPERATION	Lift Lid
SUPPLY PRESSURE	7 PSI (minimum) - 145 PSI (maximum)
FLOW AT OPERATING PRESSURE	Showers - 76 Liters/minute (20 gallons/minute) Eye/Facewash - 12 Liters/minute (3 gallons/minute)
ELECTRICAL EQUIPMENT - Non-Hazardous	Suitable for use in areas classified as Non-Hazardous, General Purpose
ELECTRICAL SUPPLY	110V, Single Phase, 60Hz
IMMERSION HEATER (Not-J-)	1700 Watts - 110 Volts

2000L Emergency Tank Shower

SHOWER ROSE	Fiberglass (GRP) Housing Stainless Steel - 20 gallons/min (ANSI compliant)
PIPING & VALVE MATERIALS	Showers - uPVC Piping and uPVC Valve for Shower Eye wash - uPVC Piping and Stainless Steel Valve for Eye/Facewash
CONTROL VALVE - SHOWER	uPVC 1 1/2" Ball Valve, BS4346 Part 1.
CONTROL VALVE - EYE/FACEWASH	1/2" Hughes Stainless Steel Full Flow Ball Valve with Stainless Steel Ball
EYE/FACEWASH STRAINER	1/2" Hughes Stainless Steel 'Y' Strainer with 100 mesh Monel Filter Basket
OVERFLOW	1" uPVC
BALLCOCK VALVE	2 x 1/2" Brass Ballcock Valve to BS1212/PE2 with 5" Float
VALVE LEVERS	Red Reinforced Nylon & Stainless Steel
SHOWER CONTROL PANIC BAR	Stainless Steel Powder Coated Red
WATER TANK	2000 Liter Capacity Heavy Density Polyethylene HDPE
TANK SURROUND AND LID	Heavy-Duty Fiberglass (GRP) in White
SHOWER FRAME AND LEGS (K)	Mild Steel hollow section galvanised to BS729
INSULATION	1 1/2" Thick Foil Backed Polyurethane
PULL RODS FOR VALVE OPERATION	Stainless Steel
ALL FASTENERS AND FIXINGS	Stainless Steel A2

Environmental Temperature

MINIMUM AMBIENT OPERATING TEMP	EXP-MH: -35°C (-31°F), EXP-J: 5°C (41°F)
MAXIMUM AMBIENT OPERATING TEMP	35°C (95°F) - (Except where chiller or cooling coils are fitted)

Weights and Dimensions

2000Ltr - NO OPTIONS	1014lb
ASSEMBLED DIMENSIONS	(L) 147" x (H) 72" x (W) 61"

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TECHNICAL DETAILS



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Quick Ship Tank Showers QS2000

Options

Optional Fittings
Eye/Facewash Fountain
Shower Test Handle
Visual Level Indicator
Tanker Fill Point
110V Immersion Heater
(General Purpose Electrical)

QS2000



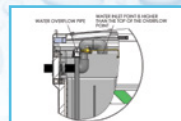
Eye/Facewash Fountain



Shower Test Handle



Visual Level Indicator



Tanker Fill Point

Additional options available on model EXP-MH-14K-2000

International Standards Guidance



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TECHNICAL DATA



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