

WELKEN®

SINCE 1998

Marst Safety Equipment (Tianjin) Co., Ltd

Tank-fed Safety Showers



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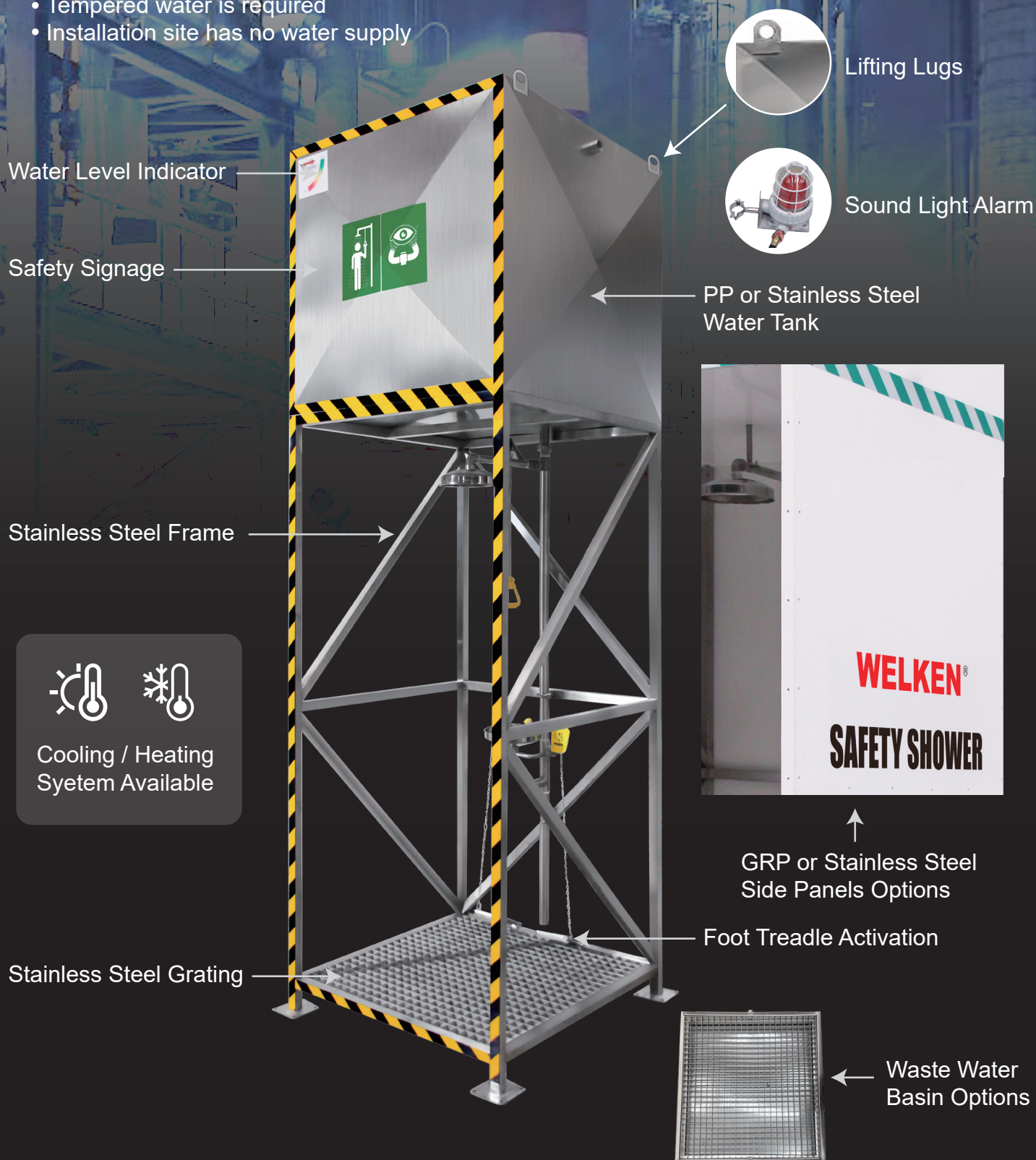
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Tianjin, China

Safety showers with integrated water storage tanks are useful in a wide range of situations. They are particularly suitable if:

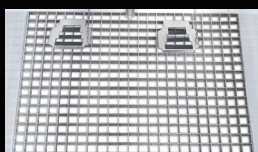
- Tempered water is required
- Installation site has no water supply



BD-602A

Stainless Steel Tank-fed Safety Showers -- Basic (1200/1500L)

Suitable Applications	Material	Models	Standard Features
Indoor, or outdoor with suitable temperature conditions	Stainless Steel Panels + Stainless Steel Frames	BD-602B-S	Water Inlet: 1¼" Overflow Outlet: 1" Shower Flow: ≥75.7L/min Eyewash Flow: ≥11.4L/min



Foot Control as Option



1200L



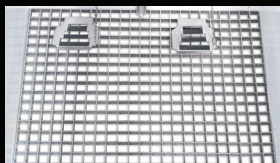
1500L

WELKEN® Tank-fed Safety Showers - More Reliable Choice

At many sites, running or replacing potable water lines are costly. Tank-fed safety showers are useful in a wide range of situations, especially where the site has no water supply. On this basis, it will be more reliable when different kind of accident occurs, to provide a tempered water for users. A correctly functioning safety showers is crucial when an employee's life is possibly on the line.

GRP Tank-fed Safety Showers -- Basic (1200/1500L)

Suitable Applications	Material	Models	Standard Features
Indoor, or outdoor with suitable temperature conditions	GRP Panels + stainless steel frames	BD-602B-G	Water Inlet: 1½" Overflow Outlet: 1" Shower Flow: ≥75.7L/min Eyewash Flow: ≥11.4L/min



Foot Control as Option



1200L



1500L

Hot Climates

For site in the tropical area, our tank safety showers are generally equipped with water cooling systems. We also carefully consider the product materials, including the cabinet, handles etc, which may scald the user by overheating of the surface or concentrate light and cause the material to melt.

GRP Tank-fed Safety Showers -- with Cooling System (1200/1500L)

Suitable Applications	Material	Models	Standard Features
Tropical Area	GRP Panels + Stainless Steel Frames	BD-602B-GH	Water Inlet: 1 1/4" Overflow Outlet: 1" Shower Flow: ≥75.7L/min Eyewash Flow: ≥11.4L/min

EX-PROOF / NON EX-PROOF Available

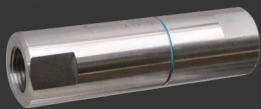
Common Optional Accessories



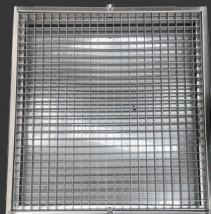
Chiller Unit
(EXPROOF / NON-EXPROOF)



PVC Strip Curtain



Scald Protection Valve



Waste Water Basin



1200L/1500L

Cold Climates

For sites without a water source and prone to sub-zero temperatures, an overhead water tank with an immersion heating system is necessary. Additionally, trace heating is applied to the shower and eyewash systems to maintain a stable water temperature and ensure their normal operation.

GRP Tank-fed Safety Showers -- with Heating System (1200/1500L)

Suitable Applications	Material	Models	Standard Features
Cold area where temperature sometimes fall below zero	GRP panels + Stainless Steel Frame Shower and eyewash with trace heated system	BD-602B-GC	Water Inlet: 1¼" Overflow Outlet: 1" Shower Flow: ≥75.7L/min Eyewash Flow: ≥11.4L/min

EX-PROOF / NON EX-PROOF Available



1200L



1500L

Extreme Cold Area

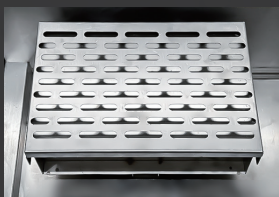
For site in the severely cold area especially where sub-zero conditions is common, preventing water from freezing is the first element. While keeping warm of the casualties during and after showering should not be neglected. WELKEN tank safety showers use insulated tank that fitted with insulated double sided doors.

Stainless Steel Tank-fed Safety Showers -- enclosed and heated

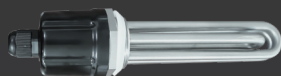
Suitable Applications	Material	Models	Dimensions
Extremely cold area	Double sided panels in 304 stainless steel with insulation layer	BD-602B-SCD	Water Inlet: 1¼" Overflow Outlet: 1" Shower Flow: ≥75.7L/min Eyewash Flow: ≥11.4L/min

EX-PROOF / NON EX-PROOF Available

Common Optional Accessories



Air Heater
(EXPROOF / NON-EXPROOF)



Immersive Heater
(EXPROOF / NON-EXPROOF)



Sounder Alarm
(EXPROOF / NON-EXPROOF)



Interior Lighting



1200L/1500L

OPTIONAL ACCESSORIES

Water Inlet Flange



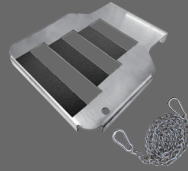
Multiple flange size available, to adapt different systems.

Water Inlet Filter



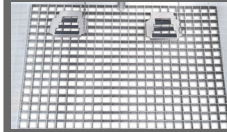
Attaching Filter to ensure clean water in tank.

Foot Treadle



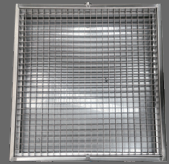
Enabling foot control for shower or eyewash system.

Grating



304 or 316 stainless steel available.

Waste Water Basin



Providing containment for effluent to prevent environmental contamination.

Shower Testing Kit



Shower testing tool, to evaluate if the shower system works in line.

PVC Strip Curtain



Prevents wastewater splashing.

PVC Sliding Folding Door



Prevents wastewater splashing and provide privacy for user

Stainless Steel Door



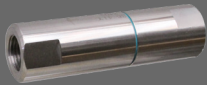
Block splashes, retain heat, and ensure privacy.

Water Temperature Indicator



Indicate the temperature inside the water tank.

Scald Protection Valve



Prevent injuries caused by overheated water inside the pipes.

Thermostatic Mixing Valve



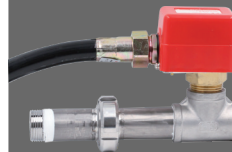
Blends hot and cold water to ensure a constant and safe shower temperatures

Low Water Level Switch



Monitors water level and prevents dry-running to ensure safety.

Flow Switch (EXPROOF / NON-EXPROOF)



Monitors flow to protect equipment.

Limit Switch (EXPROOF / NON-EXPROOF)



Detects physical position and changes an electrical circuit.

Immersive Heater (EXPROOF / NON-EXPROOF)



To heat water inside the tank.

Air Heater (EXPROOF / NON-EXPROOF)



Heats and maintains cabin temperature in cold environments.

Chiller Unit (EXPROOF / NON-EXPROOF)



To cool water inside the tank.

Sounder Alarm (EXPROOF / NON-EXPROOF)



Activates a visual and audible alarm when the shower/eyewash system is in use.

Interior Lighting



Provides lighting in dark environments.

Bolts



Mounting bolts are available in different configurations.

Junction Box



Needed whenever an electrical parts is applied to the shower system. Different options available.

Additional Safety Signs



Standard / photo-luminous signages available

Need more custom design?

Contact marst@chinawelken.com