

Self Contained Safety Showers

Companies in the refining and chemical industries wisely prepare for dangerous chemicals to come in contact with employees skin or eyes. By eliminating the need for a permanent structure or water hookups, the Piping & Equipment Self Contained Safety Shower makes it possible for safety equipment to be located closer to the dangerous areas. It is constructed out of the highest quality material, and fabricated to our well established high standards. Every unit will serve your needs well into the future.

Interior:

- Stainless Steel interior shower/eye wash area
- Heater keeps interior warm to prevent freezing
- Lighting activated when door is open
- Accommodates a large person and allows easy door closing
- Safety doors swing both ways with heavy rubber overlapping seals that prevent finger pinching and airflow

Features:

- 450 gallon stainless steel tank to minimize refills after tests
- Electronic tank level indicator
- 1.5kw immersion heater with integral thermostat and low level shutoff
- 1" fill line on side of structure, 1.5" vent/overflow with bug screen
- ANSI compliant shower head and eye wash
- Water quality maintained by ozone sterilization

Design Criteria:

- On-unit storage of water to supply 20gpm flow for 15 minutes
- Tepid Water (60-100 degrees)
- Local alarm capabilities
- Limited maintenance (refill after tests, filter change)
- Electrical only connection needed at site
- Designed to meet or exceed ANSI Z358.1-2014

Structure:

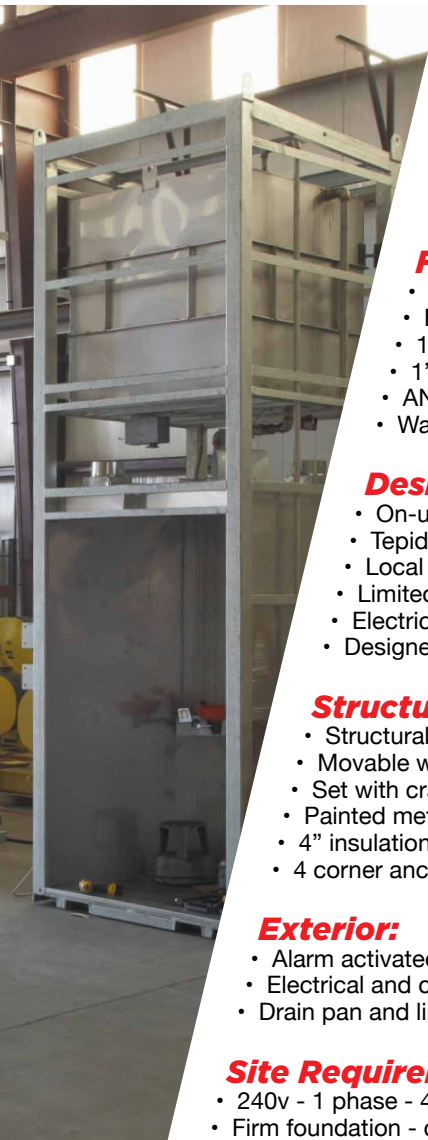
- Structural steel frame galvanized to minimize corrosion
- Movable with forklift with empty reservoir
- Set with crane using built-in lifting lugs
- Painted metal exterior
- 4" insulation for entire structure including roof to minimize heat loss
- 4 corner anchor holes in base

Exterior:

- Alarm activated on water flow (light and siren)
- Electrical and control boxes for power connection
- Drain pan and line for capturing water

Site Requirements:

- 240v - 1 phase - 40 amp
- Firm foundation - concrete pad or equivalent



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