



GLOBAL FINISHING SOLUTIONS

Paint Kitchens

Safety Storage Rooms

Portable, Self-Contained Pumping Stations



- Explosion Relief Panels
- Two-Hour, Bi-Directional Fire-Rated Design
- Sprinkler Systems
- Extra Large Spill Containment
- Weather and Chemical Resistant Coatings
- Complies with International Fire Code and NFPA 30



Paint Kitchens

Safety Storage Rooms

2-HOUR BI-DIRECTIONAL FIRE-RATED DESIGN (4-HOUR is Available)

Indoor or Outdoor Applications

Model No.	Inside Dimensions			Outside Dimensions				Sump Capacity	Approx. Weight	Double Door Opening	Number of Lights	Explosion Relief Vent Panels
	Length	Depth	Height	Length	Depth	Height	Height (opt. Sump)	Gallons	Pounds	5' X 6'8"	Explosion Proof	3'6" X 7'6"
PK10	10'	8'	8'3"	11'6"	9'8"	10'0"	10'6"	375	8,000	1 Set	1	2
PK16	16'	8'	8'3"	17'6"	9'8"	10'0"	10'6"	600	12,200	2 Sets	2	3
PK22	22'	8'	8'3"	23'6"	9'8"	10'0"	10'6"	825	14,400	3 Sets	3	4
PK28	28'	8'	8'3"	29'6"	9'8"	10'0"	10'6"	1,050	17,600	4 Sets	4	5

STANDARD FEATURES

- > **Explosion Relief Vent Panels:** Explosion-relief vent panels designed to release at a maximum internal pressure of 20 psf. Location - rear wall of building. Each panel is sealed to prevent gases from escaping to the exterior. Explosion-relief panels are equipped with FMRC-approved explosion-relief fasteners.
- > **Interior Lighting:** Explosion proof incandescent ceiling mounted with guard, glass globe and 300 Watt lamp.
- > **Walls:** 6" wide steel studs spaced 12" covered with two layers of 5/8" type exterior gypsum wallboard each side. Skinned with ASTM A591, 18-gauge steel white polyurethane coated panels.
- > **Roof/Ceiling:** The roof consists of joists 7" deep and spaced at 12" on center. Two layers of gypsum board are attached to the interior and covered with 18-gauge white polyurethane coated steel panels. Exterior is skinned with 18-gauge white coated steel panels.
- > **Steel Grating:** 1" bars painted black.
- > **Floor Support:** 6" steel beams run the entire length of the housing and are positioned for holding heavy capacities.
- > **Ventilation System:** 680 cfm @ 3/8 sp for optimum air exchange rating.
- > **Control Panel:** NEMA 4 water/oil tight enclosure incorporates voltage per customer requirements, UL listed system, fuse block, and operating switches.
- > **Sump Construction:** Liquid tight heavy gauge sheet steel supported by exterior welded steel risers to allow for under sump leak inspection.
- > **Extra Large Spill Containment:** Sump holds 30% of locker's liquid storage capacity surpassing regulatory and FM requirements.
- > **Static Electricity Bonding/Grounding System:** Interior wall-mounted grounding lugs and exterior grounding connection, separate 8-ft. grounding rod and cable for customer installation.
- > **Design Specifications:**
 - Snow Load: 60 psf
 - Wind Speed: 120 mph, exposure D (36 psf)
 - Floor Load: 300 psf
 - Internal Pressure: 166 psf
 - Seismic Design Category D

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose as performance may vary with the conditions encountered.

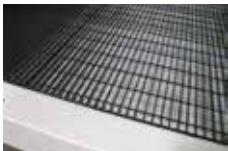




AVAILABLE OPTIONS

> **Fire Protection - Dry Chemical Systems:** A pre-engineered industrial Dry Chemical fire extinguisher system that incorporates a network of piping and discharge nozzles as defined by NFPA-17. A "Total Flooding" system is used whereby the Dry Chemical is discharged into the building enclosure. This system includes an agent storage tank, actuator, quick release, flow nozzles, 212°F fusible link, pull-station, and alarm. UL listed. The Dry Chemical System cylinder must be charged by customer upon arrival.

Fire Protection - Water Sprinkler-Systems: Featuring sprinkler heads and exterior hook-ups connecting adapter in accordance with NFPA-13. May require additional sump capacity.



> **Fiberglass Floor Grating:** 1" thick, fire retardant, corrosion and UV resistant, permanently bonded quartz grit for anti-skid surface.

> **Ramp - GFS Part No. 600-017:** Access ramp fabricated from heavy-duty plate steel. One-piece fabrication without welding points providing non-corrosive, long life finish. 6:1 ratio run to rise 12" h x 70-1/2" l x 33" w. Painted white polyurethane with 2" wide grip tape at 4" intervals.

> **Heaters, Convection:** Designed for hazardous locations, Class 1, Division 1, Groups C and D environments. Custom sizes for each specific application.

> **Air Conditioning Units:** Class 1, Division 2 recirculating wall unit designed for specific application. Custom sized for each application.

> **Building Code Compliance:** Complies with additional regulations set by IBC, and IFC.

- Additional 6" of sump height to contain 20 minutes of sprinkler water plus single largest container.
- Adaptions to accept ducting at explosion relief panels. This allows for easy vent ducting to outside. Additional duct panels not included.

> **Outside Locations:** Security bars on explosion relief, single-ply roof membrane, insulated walls and ceiling.

> **Bulkhead Fittings:** Factory installed for paint and airline needs.



Can be mounted in the walls or ceiling.

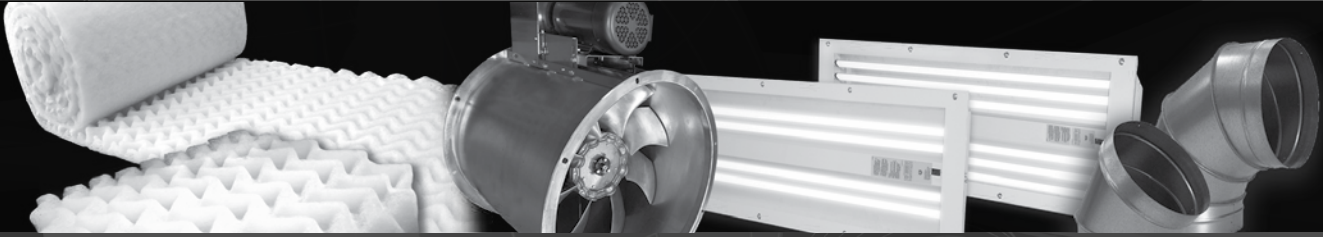
> **Explosion Relief Panels:** Roof explosion-relief vent panels available for indoor applications ONLY.

> **Liquid Level Detection System with Alarm:** Features a fiberoptic sensor and float.

> **CUSTOM SIZES AND CUSTOM DOORS AVAILABLE:** Custom sizes may require some field assembly.



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