For convenience of loading the cabinet, each door can be latched open with a fusible link. In case of fire, the link melts at 165° closing the doors automatically

Self-closing, self latching, synchronized doors, ensure that the left door closes prior to the right door (For self-closing models)

Trilingual warning labels



Removable panel to service three point latching mechanism

2″ high rim on cabinet bottom to contain leaks and spills

Adjustable leveling glide for uneven flooring

Additional security provided by keyed paddle latch

Non-sparking, three-point latching mechanism



THADHANI®
The Experts in Safety... Since 1947

J.THADHANI & CO.

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TECNICAL DATA SHEET

FLAMMABLE CABINETS

Kewaunee Flammable Storage Cabinets ensure Maximum protection for both personnel and products.



Product Introduction

Kewaunee Flammable Storage Cabinets are specially designed for the safe storage of flammable and combustible liquids in laboratories, research facilities, educational institutions, pharmaceutical facilities, and industrial environments. Engineered with safety-focused construction and protective features, these cabinets help reduce storage-related fire hazards and support the protection of personnel, products, and workplace assets.

Product Description:

Kewaunee Flammable Storage Cabinets provide a dedicated storage solution for flammable and combustible liquids. Designed in accordance with applicable NFPA, OSHA, and Factory Mutual (FM) requirements, the cabinets are available in multiple capacities and configurations to suit different laboratory and industrial storage needs.

Depending on the selected model, features include manual-close, self-closing, or bi-fold self-closing doors; upper and lower side vents with built-in flame arrestors; a non-sparking three-point latching mechanism; and a keyed paddle latch for added security. Self-closing models incorporate a fusible-link door-closing mechanism.



- **Three-point linkage lock:** Flat handle ensures a secure lock with convenient operation and minimal space usage



- **Self-closing:** Removable panel to service three point latching mechanism



- **Reflective lable:** Enables quick identification and locking of cabinet position during heavy smoke & fire.



- **Adjustable shelves:** Freely adjust every 7.6cm to maximize space utilization



- **2inch Vent:** Two vents with threaded caps located on each side of the cabinet.

Brand: Kewaunee
Product Type: Flammable and Combustible Liquid Storage Safety Cabinet
Application: Storage of flammable and combustible liquids
Available Capacities: 4, 7, 12, 15, 17, 20, 22, 23, 24, 30, 36, 45, 54, 60, and 90 US gallons, depending on model
Door Options: Manual-close, self-closing, and bi-fold self-closing, depending on model
Ventilation: Upper and lower diametrically opposed side vents with built-in flame arrestors
Latching System: Non-sparking three-point latching mechanism
Additional Security: Keyed paddle latch
Automatic Door Closure: Fusible-link mechanism on applicable self-closing models
Compliance References: NFPA, OSHA, and FM requirements, subject to the selected model and applicable approval
Typical Applications: Laboratories, research centers, pharmaceutical facilities, educational institutions, and industrial chemical storage areas
Dimensions: Model-specific
Construction and Finish: Confirm according to the selected model and manufacturer's datasheet

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Flammable Safety Storage Cabinet



Features:

- **Double-wall Construction:** Provides a 38 mm insulating air space for enhanced fire resistance.
- **Robust Construction:** Over 1.2 mm thick, fully welded construction maintains squareness for extended durability, offering superior protection in case of fire.
- **Leak-tight Sump:** Features an 87.5 px leak-tight sump at the cabinet's bottom to contain incidental drips effectively.
- **180° Door Opening:** Doors can be fully opened for easy access; equipped with a three-point latch and manual lock for enhanced security.
- **Visible Warning Label:** Standardized warning label is highly visible and anti-corrosive.
- **Spill-Catcher Shelves:** Unique spill-catcher shelves prevent drips and are adjustable on 150 px centers.
- **Chemical Resistant Coating:** Durable, lead-free powder coat inside and outside the cabinet reduces corrosion and humidity effects.
- **Flame Arresters:** Features 2-inch vents with integral flame arresters on both sides of the cabinet.
- **Grounding Connector:** Built-in grounding static connector on the outside side panel for easy grounding, compliant with OSHA regulations.

Application:

Flammable cabinets play essential roles in various industries and environments where safe storage of flammable liquids and chemicals is critical, including environments handling flammable substances.

- **Laboratories**
- **Industrial Facilities**
- **Pharmaceutical Industry**
- **Chemical Industry**
- **Paint and Coating Industry**
- **Maintenance Workshops**
- **Oil & Gas Industry**
- **Aircraft Maintenance Facilities**
- **Food & Breweries**
- **FMCG**

Benefits:

- **Fire Safety:** Minimize fires from flammable liquids, protecting lives and property.
- **Regulatory Compliance:** Cabinets ensure compliance with OSHA and NFPA regulations, avoiding fines and legal liabilities.
- **Improved Workplace Safety:** Proper storage reduces the risk of spills and exposure to hazardous substances, enhancing overall safety.
- **Organized Storage:** Cabinets provide structured storage, improving inventory management and enabling quick access during emergencies.
- **Risk Mitigation:** Designed for safe storage, cabinets reduce risks of explosions, fires, and accidents.
- **Enhanced Emergency Response:** Cabinets facilitate safe access to hazardous materials during emergencies, aiding quick and effective response efforts.

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