



TECNICAL DATA SHEET

COMBUS CABINETS

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

Product Introduction

Kewaunee Combustible Storage Cabinets are designed to support the safe storage of 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 while supporting the protection of personnel, products, and workplace assets.

Product Description:

Kewaunee Combustible Storage Cabinets provide a dedicated and organized solution for storing combustible liquids in accordance with applicable safety requirements. Available in multiple capacities and door configurations, these cabinets are designed to meet diverse 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. Applicable self-closing models feature a fusible-link mechanism to support automatic door closure under specified elevated-temperature conditions.



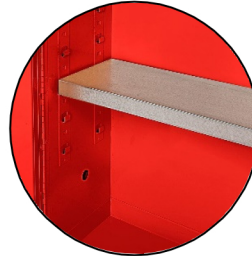
- **Three-point linkage lock:** Flat handle ensures a secure lock with convenient operation and minimal space usage



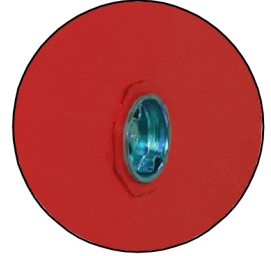
- **Self-closing:** Removable panel to service three point latching mechanism



- **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: Combustible / Flammable Liquid Storage Safety Cabinet

Application: Storage of suitable combustible and flammable liquids

Available Capacities: Multiple capacities, including 30, 45, 60, and 90 US gallons, as listed for selected configurations

Door Options: Manual-close, self-closing, and bi-fold self-closing, depending on model

Ventilation: Upper and lower side vents with built-in flame arrestors

Latching System: Non-sparking three-point latching mechanism

Security Feature: Keyed paddle latch

Automatic Door Closure: Fusible-link mechanism on applicable self-closing models

Compliance References: NFPA, OSHA, and Factory Mutual (FM) requirements, subject to model and applicable approval

Typical Applications: Laboratories, research centers, pharmaceutical facilities, educational institutions, and industrial storage areas

Dimensions: Model-specific

Construction and Finish: Confirm according to the selected model and manufacturer's datasheet





Combustible 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.

