



Model CS-323



Model CS-345

Flammable and Combustible Liquid Storage

The storage of flammable and combustible liquids in a laboratory, shop or building area must be kept to the minimum needed for research and operations. When large quantities of flammable liquids are present in a laboratory, they must be stored in a flammable liquid storage cabinet. Flammable liquid storage cabinets are not intended for the storage of highly toxic materials, acids, bases, compressed gases or pyrolytic chemicals.

Chemstore Flammable Liquid Storage Cabinets

The Chemstore Flammable Liquid Storage Cabinets are designed for the safety storage of flammable liquid containers. These highly visible and durable yellow powder-coated cabinets feature a “HIGHLY FLAMMABLE – KEEP FIRE AWAY” warning on the front doors. These storage cabinets are constructed of double-walled, 18-gauge steel with 1½-inch (3.8 cm) insulating air barrier. Features include piano hinges, three-point lock with handle, dual vents with flash arrestors, 2-inch (5 cm) raised, leakproof door sill to contain spills and four levelling legs. Four brackets support each adjustable shelf.

Safety Practices for Flammable Liquid Storage Cabinets

- Do not store paper or cardboard or other combustible packaging material in a flammable liquid storage cabinet.
- Store only compatible materials inside a cabinet.
- No more than 60 gallons (227 litres) of Class 1 flammable liquids (flash point below 100°F) or Class II combustible liquids (flash point between 100°F to 140°F) may be stored in a flammable liquid storage cabinet.
- No more than 120 gallons (454 litres) of Class III combustible liquids (flash point between 140°F to 200°F) may be stored in a flammable liquid storage cabinet.
- Not recommended for storage of phenol, nitric acid or sulfuric acid.

Advantages of Flammable Liquid Storage Cabinets

- Better control of flammables, thus eliminating the problem of careless open storage of small containers.
- Offers a safe means of storage over a short period of time. This is a safe method of storage by locating cabinets in, or adjacent to work areas. It reduces the frequency of trips to the drum storage or dispensing facility.

Specifications

MODEL	CS-312	CS-330	CS-345	CS-360	CS-390	CS-323
Capacity	12 gallons	30 gallons	45 gallons	60 gallons	90 gallons	22 gallons
No. of shelves supplied	1 unit	1 unit	2 units	2 units	2 units	3 units
Shelf dimensions (mm)	520W x 380D x 35H	825W x 530D x 35H	970W x 365D x 35H	736W x 735D x 35H	970W x 735D x 35H	495W x 335D x 35H
Interior dimensions (mm)	530W x 380D x 855H	840W x 530D x 810H	995W x 385D x 1580H	767W x 758D x 1585H	995W x 758D x 1585H	505W x 335D x 1535H
Exterior dimensions (mm)	615W x 500D x 970H	920W x 650D x 910H	1075W x 500D x 1650H	863W x 863D x 1650H	1075W x 863D x 1650H	591W x 457D x 1651H
Weight	46 kg	78 kg	171 kg	194 kg	230 kg	82 kg

All specifications are subject to change without prior notice.

MANUFACTURED IN ACCORDANCE WITH OSHA REGULATIONS AND NFPA CODE 30 SPECIFICATIONS