



Model MGR-3453

## 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 Cabinet Managers

Chemstore Flammable Liquid Storage Cabinet Managers enhances organisation and storage of flammable liquid containers, accessories and protection equipment in the same cabinet. 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.

## Specifications

MODEL	MGR-3452	MGR-3453	MGR-3454
Capacity	45 gallons	45 gallons	45 gallons
No. of shelves supplied	2 units	2 units	2 units
No. of drawers supplied	2 units large drawer	1 unit large drawer and 2 units small drawer	4 units small drawer
Shelf dimensions (mm)	970W x 365D x 35H	970W x 365D x 35H	970W x 365D x 35H
Small drawer interior dimensions (mm)	-	390W x 330D x 170H	390W x 330D x 170H
Large drawer interior dimensions (mm)	390W x 330D x 360H	390W x 330D x 360H	-
Upper chamber dimensions (mm)	995W x 385D x 300H	995W x 385D x 300H	995W x 385D x 300H
Lower chamber dimensions (mm)	995W x 385D x 825H	995W x 385D x 825H	995W x 385D x 825H
Exterior dimensions (mm)	1075W x 500D x 1650H	1075W x 500D x 1650H	1075W x 500D x 1650H
Weight	212 kg	214 kg	215 kg

All specifications are subject to change without prior notice.

**MANUFACTURED IN ACCORDANCE WITH OSHA REGULATIONS AND NFPA CODE 30 SPECIFICATIONS**