Safety Cabinets

FM APPROVED

How to choose the right flammable liquid and chemical safety cabinets.

Storage volume
All storage must be airtight. Choose cabinets according to your needed volume. DRIZIT Safety Cabinets come in 11 different volumes, namely 4Gal, 12Gal, 22Gal, 30Gal, 45Gal, 54Gal, 55Gal, 60Gal, 90Gal and 120Gal. Choose the best type based on storage space and volume requirements.

Service environment
Ensure cabinets are used on a horizontal interface and are dry, free from fire sources, and adequately ventilated. Choose types based on needs, such as console cabinets, desktop cabinets or cabinets with a ventilation hood (DRIZIT 10Gal Safety Cabinet). Also, base on leakage prevention demand by installing correct PVC safety tray.

Chemical properties
Colour management and label management helps identify, manage, and distinguish between a variety of dangerous chemicals in the storage process.

YELLOW for flammable liquids

RED for paints, inks and other combustible liquids

BLUE for corrosive liquids

WHITE for toxic substances

According to the Material Safety Data Sheets (MSDS) of chemicals to be stored, determine their chemical characteristics and storage requirements, and choose corresponding categories of safety storage cabinets. Use a colour and label management system to classify and grade chemicals and avoid the risks of fires, gas reaction and explosion due to incompatible chemicals.

Management of special chemicals For toxic and dangerous chemicals or reagents involved in inspection and testing, industrial and mining, metallurgy, chemical and other industries, it is necessary to use dedicated toxic cabinets for storage and practice strict security control to ensure safe use of toxic and dangerous chemicals.

FM APPROVAL

Associated Factory Mutual Fire Insurance Companies (FM) is one of the largest industrial and commercial insurance company in the world with clients in 132 countries worldwide. Recognized and respected across the globe, FM Approvals certification assures customers a product or service that has been objectively tested and conforms to the highest national and international standards.
Products with FM approval certification means they been tested and comply with specific national and-or international standards. FM approved products reduce the risk to a customer's assets and means they can confidently use the product to meet local standards as in most cases, FM Approvals standard is higher and more stringent than local requirements.
Our range of FM Approved cabinets includes:

POLYETHYLENE ACID CABINET

Polyethylene anti-corrosive cabinets with seamless structure ensure almost no leakage and excellent corrosion resistance and secondary leakage prevention and control. Double padlocks help to achieve double-person lock management, in line with EPA264.175 of the U.S. EPA, OSHA29CFR1910.1450 of the U.S. OSHA and Chinese Management of Hazardous Chemicals Ordinance. On the cabinet doors, acidic and corrosive chemical warning labels give your chemical storage management a double guarantee.

Desktop single door polyethylene corrosive cabinet ACP80001
(See page 37)
4 Gallon storage capacity; all-plastic and no-stopper design, excellent corrosion resistance; the cabinet shelf can be removed according to needs to improve space utilization; both sides of door can be hinged to facilitate opening on both sides to maximise table space; vents on both sides can be opened for ventilation or discharge of pressure gas when necessary; double padlock design meets the requirements for double-person lock management. CE certified.

Undercounter double door polyethylene corrosive cabinet ACP80002
(See page 37)
22 Gallon storage capacity; all-plastic and no magnetic door holder design, excellent corrosion resistance; cabinet shelves can be removed according to needs to improve space utilization; vents on both sides can be opened for ventilation or discharge of pressure gas when necessary; double padlock design meets the requirements for double-person lock management. CE certified.

FEATURES

A 18 G A (1-mm) quality galvanized steel.
B Adjustable shelves with anti-leakage design.
C Shelf bracket welded on both sides of cabinet.
D Unleaded coating with polish surface, which is corrosion and moisture proof.

E Obtained FM certification.
F Fireproofing vents to effectively reduce the concentration of volatile substances, and prevent fire hazards. Special spill-proof shelves to avoid chemical leakage by accident.
G Double fireproof steel panel and the insulate temperature space between the 2 panel is 38mm.

H The cabinet has three-point linkage lock, and the door can open 180°.
I 5.3cm sump, to prevent spill (45gal cabinet with 19L spill capacity, in line with the requirements of OSHA & EPA).
J Two person management in line with hazardous chemicals control ordinance (December 1st, 2011 version).
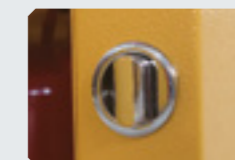

Adjustable shelves which can be removed to make full use of the cabinet space

SYSTEX – three-point linkage lock, flush paddle handle offers easy grip and reduces dangerous catches from passing traffic.

Fireproofing ventilation hole at both sides of the cabinet, one on the top and other on the bottom

The three-point bullets: anti-static design structure

FM approved Anti-Static Device: conductor grip is earthed, to prevent a fire accident.

It has acquired FM & CE certification and is in strict comply with FM approval standard for storage cabinets (flammable and combustible liquids) class number 6050, OSHA 29cer 1910.106 of American occupational safety and health administration national fire protection association and hazardous chemicals control ordinance of state bureau of state production supervision and administration.