

# HOW TO CHOOSE YOUR SAFETY CABINET



## HOW TO CHOOSE FLAMMABLE LIQUID AND CHEMICAL SAFETY CABINETS

### STORAGE VOLUME

CHOOSE CABINETS ACCORDING TO THE TYPES AND VOLUMES

Confirm the containers are as below: safety can, oily drums of less than 55Gal, small containers must be airtight volume of coating containers, 4L bottles, aerosol containers or smaller bottles. All storage must be airtight.

### STORAGE VOLUME

CONFIRM THE VOLUME NEEDED OF SAFETY CABINETS

Choose cabinets according to your needed volume. Bigger cabinets offer more storage space. DRIZIT Safety Cabinets have 11 different volumes, namely 4Gal, 12Gal, 22Gal, 30Gal, 45Gal, 54Gal, 55Gal, 60Gal, 90Gal and 120Gal. You can choose the best type based on storage space and volume.

### SERVICE ENVIRONMENT

ENSURE THE SERVICE ENVIRONMENT OF CABINETS

Ensure cabinets are used on horizontal interface, and free from fire sources, dry and ventilated. Choose types based on needs, such as console cabinets, desktop cabinets or cabinets for ventilation hood in the lab, (DRIZIT 10Gal Safety Cabinet). Also, you can base on leakage prevention demand to install proper PVC tray.

### CHEMICAL PROPERTIES

CONFIRM THE CHEMICAL PROPERTIES OF THE CHEMICALS TO BE INSTALLED

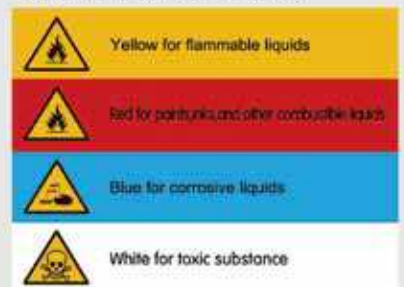
Colour Management + Label Management = Identifiability

Colour management and label management helps you to identify, manage and distinguish between a variety of dangerous chemicals in the storage process. According to the Material Safety Data Sheets (MSDS) of chemicals planned to be stored, you can determine their chemical characteristics and storage requirements, choose corresponding categories of safety storage cabinets in colour and label management system, classify and grade chemicals, to avoid the risks of fires, gas reaction and explosion due to incompatible chemical storage.

### MANAGEMENT OF SPECIAL CHEMICALS

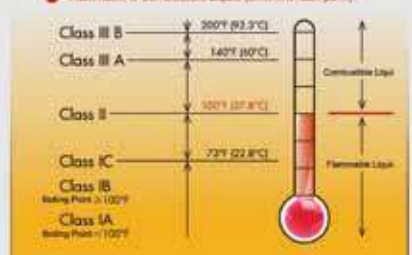
For toxic and dangerous chemicals or reagents involved in inspection and testing, industrial and mining, metallurgy, chemical and other industries, it is necessary to use dedicated toxic cabinets for storage, and practice strict security control to ensure safe use of toxic and dangerous chemicals.

In line with the US industrial tradition:



Comply with OSHA 29 CFR1910.106 - FLAMMABLE AND COMBUSTIBLE LIQUIDS

● Flammable & Combustible Liquid (Different flash point):



# CABINET SELECTION



WA810120 WA810100 WA810040

## FLAMMABLES CABINETS

WA810600

WA810540

WA810450

WA810220

WA810300



WA810115



WA810550



WA811100



WA810860

## TOXIC SAFETY CABINETS



WA810120W



WA810450W



WA810040B

## CORROSIVES CABINETS



WA810300B



WA810450B



WA810860B



WA810860R



WA810600R



WA810450R



WA810300R



WA810120R



WA810040R

## COMBUSTIBLES CABINETS



ACP80002



ACP80001

## ACID CABINETS



WA910450

## EMERGENCY EQUIPMENT CABINETS

# FLAMMABLE LIQUID CABINETS



18 G A (1-MM) QUALITY GALVANIZED STEEL

ADJUSTABLE SHELVES WITH ANTI-LEAKAGE DESIGN

SHELF BRACKET WELDED ON BOTH SIDES OF CABINET

UNLEADED COATING WITH POLISH SURFACE, WHICH IS CORROSION AND MOISTURE PROOF

OBTAINED FM CERTIFICATION



FIREPROOFING VENTS TO EFFECTIVELY REDUCE THE CONCENTRATION OF VOLATILE SUBSTANCES, AND PREVENT FIRE HAZARDS. SPECIAL SPILL-PROOF SHELVES TO AVOID CHEMICAL LEAKAGE BY ACCIDENT.

DOUBLE FIREPROOF STEEL PANEL AND THE INSULATE TEMPERATURE SPACE BETWEEN THE 2 PANEL IS 38MM

THE CABINET HAS THREE-POINT LINKAGE LOCK, AND THE DOOR CAN OPEN 180 DEGREES

5.3CM SUMP, TO PREVENT SPILL (45GAL CABINET WITH 19 L SPILL CAPACITY, IN LINE WITH THE REQUIREMENTS OF OSHA&EPA)

TWO PERSON MANAGEMENT IN LINE WITH HAZARDOUS CHEMICALS CONTROL ORDINANCE (DECEMBER 1ST, 2011 VERSION)

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 29CFR 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.



Adjustable shelves among every 6.5cm floor which can make full use of space



SYSTEX – three-point linkage lock: make lock safer; flush paddle handle offers easy fingertip operation 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 combine the equipment with the cabinet to conduct the static to earth, thus to prevent fire accident.