

## Instructions for safe cabinet

### 1、 Overview

Safety cabinet is a kind of storage cabinet that can safely store harmful chemicals, reduce the risk of fire, protect staff and equipment, and provide safe storage, sub packaging and classified management for your hazardous chemicals. The small chemical storage cabinet can be placed in your workplace to store inflammables and organic solvents, saving you the trouble of going back and forth to the storage room for thousands of dangerous goods and improving work efficiency. Even in places with small working space, small safety cabinets can provide you with safe storage of flammable liquids and chemicals, which can reduce the waste of raw materials and save the company's costs.

### 2、 Product type and Application

The Yellow chemical cabinet represents the professional storage of flammable liquid chemicals in the world. Such as: alcohol, gasoline, kerosene, crude oil, ethanol, benzene, Tianna water, wiping machine water, etc.

The red chemical cabinet represents the professional storage of combustible liquid chemicals in the world. Such as aerosol, ink and coating.

The blue chemical cabinet represents the professional storage of corrosive liquid chemicals in the world. Such as glue, bleach, washing water, formaldehyde, acetic acid, alkyl and other corrosive acid-based chemicals.

### 3、 Product specification parameters

Product name boundary dimension volume adjustable laminate door type color

4 Gallon safety cabinet 22 x 17 x 17(in) / 56x43x43 (hxlxw/cm) 15L 1 single door manual / single door automatic

12 gallon safety cabinet 35 x 23 x 18(in) / 89x59x46 (hxlxw/cm) 45L 1 single door manual / single door automatic

22 gallon safety cabinet 65 x 23 x 18(in) / 165x59x46 (hxlxw/cm) 83 liters 3 single door manual / single door automatic

30 gallon safety cabinet 44 x 43x 18(in) / 112x109x46 (hxlxw/cm) 114 liters 1 single door manual / single door automatic

45 gallon safety box 65 x 43x 18(in) / 165x109x46 (hxlxw/cm) 170 liters 2 double door manual / double door automatic

60 gallon safety cabinet 65 x 34 x 34(in) / 165x86x86 (hxlxw/cm) 227l 2 pcs. double door manual / double door automatic

#### 4、 Product features

1. Comply with osha29cfr1910106 (specification of occupational safety and Health Administration) and nfpacode30 (specification of National Fire Protection Association).
2. Made of double-layer fireproof steel plate. There is a 1.5" / 38mm air insulation layer between the two steel plates.
3. The 3/64" / 1.2mm high-quality steel plate is spot welded, with long service life and good fire resistance.
4. The three-point linkage door lock design enhances the tightness of the cabinet door.
5. The cabinet door is equipped with double keys to improve the safety and standardization of chemical management.
6. The cabinet door can be easily opened and closed 180 degrees, making the operation more convenient and safe.
7. 2" / 5cm high leak proof liquid tank can prevent accidental outflow of chemical liquid to the greatest extent.
8. Professional and standardized warning labels are eye-catching and corrosion-resistant.
9. Two side walls of the cabinet are designed with double air holes of fire prevention and closing device with a diameter of 2 inches.
10. The unique spill proof laminate can be freely adjusted up and down every 6cm. At the same time, you can add laminates according to the actual needs of storing chemicals to improve your use efficiency.
11. The inside and outside of the cabinet are sprayed with epoxy resin paint.
12. In strict accordance with the OSHA specification, the cabinet body is equipped with an electrostatic grounding conduction port to facilitate the connection of electrostatic grounding wires and avoid hazards to the greatest extent.

#### 5、 Instructions for use

1. The ground on which the explosion-proof safety cabinet is placed shall be flat.

2. If several explosion-proof safety cabinets are placed together, the spacing between each cabinet shall not be less than 6" / 15cm.

3. The place where the explosion-proof safety cabinet is placed shall be far away from the fire source or other heating and heat dissipation instruments and equipment, and shall also be far away from the splashing chemical liquid or slag.

4. There is an electrostatic grounding wire terminal at the lower corner of the outer wall on the left side of the cabinet. After the cabinet is placed properly, the electrostatic grounding wire should be connected to guide away the static electricity accumulated in the cabinet in time.

5. The articles placed on the cabinet laminate shall not exceed the load-bearing limit of the laminate. If the laminate has multiple layers, the larger or heavier articles shall be placed on the lower laminate, and the smaller or lighter articles shall be placed on the upper laminate.

6. If the explosion-proof safety cabinet is placed in a sealed narrow space, or the place where the cabinet is placed has strict restrictions on the volatilization of flammable liquid, the ventilation system should be connected to the vent of the cabinet to eliminate the flammable liquid accumulated in the cabinet due to volatilization.

7. If it is necessary to place objects or perform other operations in the cabinet at night or in the dark with insufficient light, turn on the surrounding lights or carry an explosion-proof flashlight for operation.

8. It is forbidden to light candles, alcohol lamps or use lighters near the cabinet, which may cause combustion and explosion.

#### 6、 Storage method

1. Store in dry inert gas;

2. Keep the container sealed and put it into the tightly sealed container;

3. Store in a cool and dry place;

4. The storage place must be away from the water source;

5. Store away from oxidants;

6. Ensure good ventilation and exhaust devices during working hours;

7. It must be stored in a professional storage cabinet.

## 7、 After sales service

1. The product is guaranteed for one year. Please keep the product manual and certificate properly;

2. The following conditions are not covered by the free warranty (the cost will be charged slightly after repair).

(1) The user loses or breaks the key.

(2) The user will not use the cabinet correctly and damage some parts.

(3) Damage to the surface paint after the user leaves the counter or warehouse after picking up the goods.

Out of confidence in the quality of their own products, the warranty period of all products is one year, with lifelong maintenance. We are professional, we are attentive, we are honest, we have always adhered to the service is the core! We look forward to working with you! No matter where you come from; We will try our best to make you feel professional and easy to implement!