



SAFETY CABINETS FOR THE STORAGE OF CORROSIVE PRODUCTS CORROSIVE PRODUCTS (ACIDS & BASES)

GENERAL

For safety reasons, corrosive products (acids and bases) must be stored in safety cabinets to avoid any risk of leakage or breakage of a bottle. You should also make sure that you separate Acids from Bases when storing them. Some of the cabinets in this catalogue are compartmentalised, allowing incompatible products to be stored in the same cabinet.

This catalogue offers you different storage solutions for your corrosive products according to your safety requirements. Whatever your field of activity (workshop, laboratory, storage warehouse, production unit, etc.), if you store products that are not very corrosive to very corrosive, you must store them in safety cabinets. Do not hesitate to contact us for a quick and personalized advice.

What is an anti-corrosion cabinet?

There are two main types of cabinets for storing corrosive products. The first type, intended for the storage of low-corrosive products, consists of safety cabinets made of steel. These cabinets have high-density polyethylene or PVC overlay protection on the shelves and the containment sump. The second type, intended for the storage of highly concentrated and therefore very corrosive products (nitric, sulphuric, hydrochloric, hydrofluoric acids, etc.), consists of cabinets made of high density polyethylene or cellular PVC. These corrosion-resistant materials offer perfect resistance to corrosive vapors and liquids.

Is forced ventilation necessary?

Forced ventilation is very important for metal safety cabinets in order to extend their service life. Despite the use of high quality steel and paint, nothing can prevent acids from corroding a metal enclosure over time. Furthermore, for the well-being of the users, it is strongly recommended to ventilate the cabinet, whether it is made of steel or anti-corrosion material, in order to evacuate a possible formation of dangerous fumes in the cabinet. We therefore invite you to consult our different solutions in terms of forced ventilation (external rejection, filtration with active charcoal filter...) at the end of this catalogue in order to find the one adapted to your needs. Do not hesitate to contact us for any further information.

STANDARDISATION



FM (FACTORY MUTUAL):

International insurance and accreditation body for safety equipment and advice to companies.



ARTICLE R.5132-68 OF THE PUBLIC HEALTH CODE AND INRS RECOMMENDATIONS:

(concerns chemical products of different families):

Products that are incompatible with each other (acids and bases) must be stored in different cabinets or in separate compartments.



JUDGMENT OF FEBRUARY 2nd 1998 CLASSIFIED FITTINGS (concerns polluting products):

Any product likely to cause water or soil pollution must be stored in a containment sump.



STANDARD NF X 15-211 - May 2009:

Concerns the quality of ventilation and filtration as well as the quality of containment of recirculating air fume hoods intended for the handling of chemicals in laboratories.



VENTILATION OF YOUR CABINET

Necessary accessory to optimize the security of your cabinet.

We highly recommend to add a ventilation or filtration box to your safety cabinet. The box allows to adsorb stagnating vapors trapped and to renew the air within the cabinet ultimately avoiding internal over heating.