
Ducted fume hood for **ACIDS**

Model H⁺



MAIN FEATURES

- ✓ Manufacture: the entire cabinet is made of polypropylene and laminated polycarbonate to protect from splashes.
- ✓ Work surface: there are 3 options, without work surface (you would work on top of the laboratory table, which usually has a phenolic surface) polypropylene surface and tempered glass surface.
- ✓ Side walls in polypropylene and transparent polycarbonate for greater illumination.
- ✓ Extractor pipe diameter 200 mm ready to connect to extraction system.
- ✓ Air diffuser: located in the upper part of the interior of the cabinet for correct suction of air and contaminants.
- ✓ Guillotine-type front door: anti-splash laminated polycarbonate door adjustable to any height by means of counterweights. The cabinet has a limiter marking an optimum working opening of 395 mm. The limiter can be removed and the sash can be opened up to 680 mm.
- ✓ Lighting: fluorescent lamps positioned in the central parts and fitted with a prismatic diffuser screen for a better distribution of light on the working plane.

APPLICATIONS

Handling of reagents or chemical compounds, including those of an acidic nature in all types of laboratories:

- ✓ Analytical, clinical and hospital laboratories.
- ✓ Research laboratories
- ✓ Quality control laboratories
- ✓ University and school laboratories

... in short, in any type of laboratory..

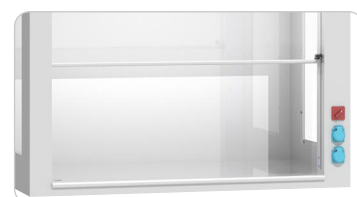
At laboratories, localized extraction is a very recurrent tool for carrying out all kinds of chemical tests in which it is necessary to protect the operator. Within this localized extraction, the most widespread measure is to use a gas extraction cabinet in which there is an air barrier between the work area and the operator, protecting them from the dangers of chemicals.

Among these chemical products, acid products are usually the most complicated to treat due to their corrosive nature. This property, which increases at higher temperatures, severely harms all types of metals with which they interact.

Due to the need to safely handle these acidic products, CRUMA has launched the H+ cabinet to the market. It specialises on acids, but practically any type of contaminant can be handled on it too. This cabinet differs from the CRUMA filtration range, as it is prepared to be connected to the outside through a duct and can treat higher volumes and product diversity.

STANDARD EQUIPMENT	
Manual flow control system	Butterfly valve
Lighting	2 LED lamp of 15W
Sash	Reinforced polycarbonate door to protect against acid splashes
Two sockets	Sockets with maximum intensity of 4 A
Transparent sides	Reinforced polycarbonate sides to protect against acid splashes
Warranty	2 years

OPTIONAL EQUIPMENT	
Optional polypropilene base	
Optional base for spillage	
Inner and external blowers	
Optional PVC extractor tube	
Blower cover	
Frequency modulator	
Individualized protection (differential and magneto- thermal)	
Tubular stand	



STRUCTURE	
Support structure	Polypropilene with high resistance to chemical products
Transparent panels	Reinforced polycarbonate to protect against acid splashes

IN ACCORDANCE WITH	
Construction	UNE EN 14175
Quality	UNE EN ISO 9001:2015

DUCTED FUME HOOD FOR ACIDS

CRUMA H⁺



The new **Cruma H⁺ extraction cabinet**, manufactured according to the UNE EN ISO 14175 standard, is specially conceived and designed to work with acids. The cabinet is connected to the laboratory extraction system, generating a depressurized work environment that protects the operator from all types of contaminants handled inside. There is also the option of acquiring an extractor fan made of polypropylene.

The cabinet is made entirely of polypropylene (metal free), a material with excellent chemical resistance to strong acids. Both the sides and the guillotine door are made of transparent polycarbonate with a protective sheet against acid splashes.

The air flow is manually adjustable by means of a valve, thus adapting the air flow to the different extraction systems that the laboratory has.

TECHNICAL SPECIFICATIONS

Maximum sash opening	680 mm
Working height opening	395 mm
Extractor tube diameter	200 mm
Working area	1170x550 mm
Inner volume	0,71 m ³
Net weight	98 Kg
Air velocity at facade	>0,60 m/s
Volume of air treated	>865 m ³ /h
Average cabinet air renewal/ min	19,5
Voltage-periods	110-230 V / 50-60 Hz
LED lighting level	940 lm
Packaging: 100% recycled wooden case with international phytosanitary certificate	Volume 1,44 m ³ Weight 200,5 Kg

SIZES (mm)

External			Internal		
Width	Depth	Height	Width	Depth	Height
1200	650	1700	1170	550	1100



DIMENSIONES (mm)

