

# CRUMAECO<sup>2</sup>

ECO<sup>2</sup> is the new fumehood that Cruma has developed on demand of our clients. Our R&D department has created this new model following two main premises: **Economy** and **Ecology**. Therefore its name. **ECO<sup>2</sup>**, meeting the needs of a market in evolution and constantly demanding new products, respects both the environment and the lab user with the same performance, functionality and quality of all Cruma products.

As a matter of fact, **ECO<sup>2</sup>** has passed the same quality and security tests of all other Cruma hoods, satisfying the requirements of all clients.

**PROTECTION OF AND RESPECT FOR THE ENVIRONMENT** –The toxic chemical products are not released outside but retained within the filter.

**COST SAVINGS AND FAST SET UP** –No building work is needed to install ducts to channel the gas outside, which means fewer problems for a laboratory working at full capacity.

**FLEXIBLE** –It can be used in areas where it is difficult to remove/extract contaminated air, such as from the lower levels in buildings that have a number of floors.

**ENERGY SAVINGS** –The air that is sucked in is not expelled but recirculated back into the lab after the contaminating substances have been removed. This means that it is not necessary to increase the use of the air-conditioning or heating systems to compensate for the air removed.

**CERTIFIED** –Manufactured in Spain and certified by an external laboratory according to international standards and applying the criteria of ISO 9001.



## USES

General chemistry involving small volumes of reagents or chemical compounds at ambient/moderate temperature in all types of laboratories:

- ✓ Research laboratories
- ✓ Quality control laboratories
- ✓ Clinical and hospital laboratories
- ✓ University and school laboratories

...In general, in any kind of laboratory.

## STANDARD EQUIPMENT INSTALLED

Mechanical anemometer	Mechanical probe for continuous control of air velocity in facade
Filter control	Detection system of the filter saturation
Illumination	Integrated LED lighting
Warranty	2 years

## OPTIONAL EQUIPMENT

Base Pack ECO <sup>2</sup>	Spill retention tray (2-10 liters) with white tempered glass or stainless steel 304 work surface
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## MAIN STRUCTURE

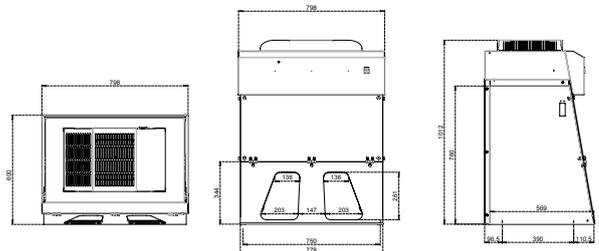
Metal parts: base frame, rear wall and head	1.2 mm galvanized coated steel with anti acid polymer resin powder heat-hardened at 200 °C
Doors	Transparent polymethylmethacrylate 6 mm thick (light transmission of 93%)

## TECHNICAL FEATURES

Number of filtration columns	1	
Number of filters	1 a 2	
Number of IP44 fans	1	
Average volume of treated air	160 m <sup>3</sup> /h	
Average face velocity	0,50 m/s	
Internal volume of the cabinet	0,287 m <sup>3</sup>	
Renewals inside the cabinet / min	9,25	
Total electrical power consumption	60 W	
Voltage-Frequency	110-220 V - 50-60 Hz	
LED light	1100 lux	
Noise level	57 dB	
Packaging: 100% recycled wooden box with international phytosanitary certificate	Volumen	0,42 m <sup>3</sup>
	Peso	65 Kg

## SIZES (mm)

External			Internal		
Width	Depth	Height	Width	Depth	Height
798	600	1012	778	569	760



It is not a typographical error,  
**2 year warranty**

Because we are convinced of the quality of our products.



\*More information  
[www.cruma.es](http://www.cruma.es)

Well done, well shipped.  
**Our responsible packaging**

Wood box 100% recyclable with international phytosanitary certificate.



Do you need help or  
**technical assistance?**

Contact your distributor or call us if you have any questions or need technical support, spare parts, maintenance service...

**+34 93 370 61 62**

PLUG&PLAY RANGE



G-1



G-2



G-3



G-4



G-5

CLASSIC RANGE



E70



E70



S90



1010



1200



1200XL



ECO

VENTED STORAGE CUPBOARDS



2010



ECO

POWDER CABINETS



H+

POWDER WEIGHING CABINETS



P-1



P-2

PRECISION WEIGHING CABINET



W-2

LAMINAR FLOW CABINETS



E70FL



E70FL



FL-1



FL-2

PCR CABINETS



PCR



PCR-V



H2-1



H2-2



H2-3



H2-4

BIOSAFETY CABINETS



BIO+



VIRUSFREE



CYTO-2&3

CO<sub>2</sub> INCUBATOR



INCUBATOR