DUCTLESS FUME HOOD. CLASSIC RANGE

CRUMA ECO²

ECO² is the fumehood that Cruma has developed responding to the demands of our clients.

Our R&D department has created this new model following two main premises: **Economy** and **Ecology**. Therefore its name. **ECO²**, 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, EC02 has passed the same quality and security tests of all other Cruma hoods, satisfying the requirements of all clients.



TECHNICAL FEATURES

Number of filtration columns		1
Number of filters		1 to 2
Number of IP44 fans		1
Average volume of treated air		160 m³/h
Average face velocity		0,50 m/s
Internal volume of the cabinet		0,337 m³
Renewals inside the cabinet / min		8,0
Total electrical power consumption		47 W
Power supply		110-220 V / 50-60 Hz
Light intensity		1100 lx
Noise level		55 ± 3 dB
Packaging: 100% recycled wooden box with international phytosanitary certificate	Volume	0,42 m³
	Weight	77 Kg

SERIAL EQUIPMENT

Mechanical anemometer	Mechanical probe for continuous monitoring of air face velocity
Lighting	High intensity, low consumption LED tube - 15 W / 1500 lm
Probe for sampling expelled air	Detection system for filter media saturation level
G4 Prefilter	Prefilter blanket of synthetic biofibers class G4 for atmospheric dust retention
Cable entry holes (2)	Rear wall acces for cable and/or service entry
Chemical listings	Guide of retained product according to filter type
Warranty	2 years

OPTIONAL EQUIPMENT

Pack base ECO²	Spill retention tray (2-10 liters) with white tempered glass or stainless steel 304 work surface
Movilair	Support stand with wheels with bottom tray painted in steel coated anti-corrosive epoxy resin
Water pack	Spill retention tray (2-10 liters) with working surface in stainless steel. 304. Includes a complete sink with water tap

SIZES (MM)

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

MAIN STRUCTURE

Metal parts: base frame, rear wall and head	Made of 1.2 mm galvanized steel coated with anti-corrosive thermoplastic resin hardened at 200 °C.
Doors	Made of transparent methyl methacrylate (PPMA) 6 mm thick. Light transmission of 93%.

SIZES (mm)

