

Cap eng CHEMICAL FUME HOOD MA95EVO

Certificates: EN 141751-2-3-6-7

Scheda Prodotto N° 203 rev. 0



Certified according to **EN 141751-2-3-6-7** with certified containment test. The external bearing structure has been realized with electro-zinc plated steel sheet panels, painted with anticorrosion epoxy powder by transit through heat tunnel at 200°C.

45° inclined vertical profiles to ease air inlet and designed to balance the aspiration inside the cabin avoiding turbulence and vortexes.

Stabilising adjustable feet in abs.

Internal coating with 5 mm fire-retarding stratified laminated. The internal plenum in 5 mm fire-retarding stratified compact laminate assuring a double extraction (upper level and worktop level) is removable to allow easy maintenance and is equipped with supports for the insertion of accessories. Support structure of the worktop made of steel tube painted with anti-corrosive epoxy resins.

The perimeter conformation, with fixing system with hidden screws, guarantees a capacity of more than 220 kg / sqm.. Fume hood front panel specially provided for the inlet of the supplies.

The hood is equipped with vertical sliding front door with AISI 316 counterweight wire ropes on the back, 3+3 safety glass, panels sliding also horizontally.

SAFETY BLOCK safety device automatically assuring the locking of front door at any height in case one or both wire ropes break, as provided for by the regulations.

Automatic locking device of front door opening at 50 cm height, as provided for by EN 14175 regulation. Blind sides.

The air inlet is guaranteed even when the door is completely lowered. Profile that channels the spillage of the condensation, eventually created on the front windows, on the working top. Exhaust system for any overpressure in safety position. Interior lighting guaranteed by a waterproof light with high efficiency and energy saving LED technology.

MA95FLOW electronic control with display to monitorize all the operating parameters in real time. Multilingual programming menu, operating indicator, optical and acoustic signalling of insufficient suction, optical and acoustic signalling when exceeding the height of the scheduled limits (50 cm :), on/off command, lamp switch, hot wire probe management system, management of maintenance service. Containment degree <0.1 ppm at low flow rates.

Options:

- Front speed adjustment by inverter and / or motorized valve.
- Motorized front door with automatic closing in absence of the operator to guarantee safety and optimize consumption.
- Compartment for inserting cabinets for flammables and/or acids/bases aspirated cabinets.
- Possibility to insert tanks of different sizes
- Possibility of application of activated carbon and HEPA filtering boxes
- Possibility to insert weighing devices
- Possibility of specific fume hood coating for aggressive acids
- Possibility of inserting technical gas taps and pressure regulators
- Possibility of insertion in the tops and sides of cables ducts and of discharge system pipes
- Fume hoods are available also in versions WALK-IN and LOW level working top.



MA95EVO6030 cm 105x83x235h

MA95EVO6050 cm 135x83x235h

MA95EVO6060 cm 165x83x235h

MA95EVO6070 cm 195x83x235h

MA95EVO6080 cm 225x83x235h