

Suction dome mod. 901 - 901-R

with HEPA filter

The suction dome mod. 901 is a benchtop chemical fume hood with molecular filtration, equipped with a Hepa H14 filter with high filtration efficiency, 99.995% for particles greater than 0.3 microns (according to EN 1822), suitable for all those operations to be carried out under the hood that require handling. of powders.

It is an excellent cabin for the protection of personnel and the environment, but it does not protect the product handled in it from external contamination.

It can be advantageously used in all cases where it is not essential or a priority to protect the product from the air present in the laboratory (e.g. opening of biological samples to be analyzed, weighing, sieving, crushing or as protection for centrifuges or other devices at risk of aerosol, etc.)

It can be installed on any bench. The worktop is a removable satin Aisi 304 2B stainless steel basin, which allows the hood to be housed even on tubs or sinks.

Steel construction with anti-acid powder coating.

In the version with UNI EN 14175-1-2-3: 2003 certification, model 901 / R, the hood is equipped as standard with a Ø 100 mm conveyor connection. with windproof grille, which the customer must MUST fit, for the exhaust to the outside of the treated air. In the version with only certification according to EN 61010-1: 2001 model 901, the hood does not require any connection.

Technical data

TECHNICAL DATA

- Steel construction with anti-acid epoxy powder coating.
- Protection dome and front in transparent Plexiglas.
- Worktop with extractable basin in satin finish AISI 304 2B steel dimensions WxDxH: 600 x 285 x 17 mm.
- Work area dimensions WxDxH: 600 x 285 x 360 mm.
- Overall dimensions without conveyor LxWxH: 675 x 560 x 530 mm.
- Overall dimensions with assembled conveyor LxWxH: 675 x 685 x 530 mm.
- Volume of filtered air per hour 135 m³ / h
- Average air speed: 0.50 m / sec.
- Weight Kg. 45
- Noise ≤ 60 dB.
- Prefilter in synthetic material class G4 (efficiency 90%) according to EN 779.
- Absolute Hepa filter (High efficiency particulate air) MPPS tested according to CEN 1822 standards with overall efficiency 99.995% class H14, in class 100 at 0.3 micron, according to Fed Std 209E (LaserTest Royco 256).
- Scratch-resistant polycarbonate control panel with membrane keyboard, electronic circuit on microprocessor.
- Two-speed suction control.
- Maximum speed emergency command.
- Programmable service socket with timer, max 99 hours, protected by fuse.
- Warning signal (display flashing) in case of power failure while using the service socket.
- Digital hour meter for filter and service socket operating hours (max 9999 hours).
- Electric fan with low background noise, with the possibility of regulating the speed of the air flow, compliant with EN 60335-1, EN 50178 and EN 60950, VDE, CE, UL approvals.



ELECTRICAL DATA

- Power supply: 230 V - 50 Hz.
- Absorption: 60 W + 440 W
- Protection fuses: 2 x 3 AF (5 x 20) mm.
- Service socket protection fuses: 1 x 2 AF (5 x 20) mm.
- Mains connection socket: 10 A

External dimensions of the product

Height	530 mm
Width	675 mm
Depth	685 mm
Weight	45 Kg

Code	Description
A2940033	Suction dome mod. 901 - 901-R with HEPA filter