

Multi-operator fume hood – HI-HEPA



Hood allowing connection of two sources of suction. Compact design and quiet, it offers a very broad spectrum of filtration thanks to its three-level complex including its particle filter H13 (High Efficiency Particulate Air) and its active carbon compartment (for solvents, glues etc)



- ✓ Delivered with 2 x 3 m flexible PVC hose, one closure cap and filters
- ✓ Easy setup and easy to use
- ✓ High capacity ventilator generating a very high and adjustable airflow with low noise
- ✓ 3 filters to promote efficiency of treatment and separate maintenance
- ✓ Remote control box (speed variation, on/off switch)

Technical data

Available pressure	3 000 Pa
Airflow without filter	240 m3/h
System airflow with filter	2 x 100 m3/h
Filtration efficiency	99,97% particles > 0,3 µm
Power	250 W
L x H x D	470 x 500 x 230 mm
Weight	15,5 kg
Mains supply	220 V / 50 Hz
Noise	Less than 65 dB
Maintenance	Periodic change of the filter
Remote with speed dimmer	Yes



The filtration system of the HEPA hood consists of 3 filters :

The primary filter is a prefilter that removes large particles, the medium filter filters medium-sized particles that pass through the prefilter and then, the HEPA main filter combined with activated carbon optimally removes small particles (99.99% particles > 0.3 µm) and solvent molecules and chemicals

An alarm is triggered to indicate that the available pressure is too low and involves changing of the filter
All filters can be replaced separately



Installation examples with segment arms and articulated arms



Composition of these filtration systems thanks to the multiple accessories of the HI-HEPA detailed below

Accessories and consumables

Standard version	ESD version	Description
 ref. 89 220/226	 ref. 89 320/226	Segment suction arm Length 770 mm
 ref. 81 201	 ref. 81 301	9 additional segments Total length 300 mm
 ref. 81 205	 ref. 81 305	Tapered oval nozzle Length 150 mm
 ref. 81 203	 ref. 81 303	Round nozzle Diameter 119 mm
 ref. 81 204	 ref. 81 304	Rectangular nozzle Dimension 157 x 93 mm
	 réf. 81-304MOD	Large rectangular nozzle Dimension 365 x 218 mm *Replaces réf. Q-AD426560
 ref. 81 208	 ref. 81 308	Slide valve
 ref. 81 208 G315	 ref. 81 308 G315 ESD	Grid filter Length mesh about 0,6 mm
 ref. BF	 ref. BF ESD	Table clamp Fixed with 2 clamps

FTM Technologies offers several versions of the HI-HEPA hood

Extractor on wheels – Roulante_HEPA

Equipped with one or two arms, segmented arm or articulated arm version, the HI-HEPA rolling hood allows a great flexibility in the workshop, positioned near the point of emission



- ✓ Dimension 640 x 550 x 840 mm
- ✓ Pre-drilled stratified tray 40 mm thick
- ✓ 4 wheels, 2 with brake

Mobile hood – HI-HEPA-BEC / HI-HEPA-COUPOLE / HI-HEPA-FLEX

The HEPA hood is available in a rolling version. Equipped with a friction arm and a nozzle, it allows great flexibility in the workshop and a positioning closer to the point of emission



- ✓ Dimension 470 x 230 x 500 mm (without arm)
- ✓ 4 wheels
- ✓ One articulated arm 1000 mm, Ø75 mm

Mini hood with sound trap

Suitable for HI-HEPA in fixed or mobile versions, the sound trap allows an average of 5dB of noise emission gain.

Made of elegant materials, it contributes to the integration of the HI-HEPA hood in quiet working environments.

Delivered mounted, it slides on the extraction box allowing the connection of both arms.



- ✓ Aluminium profile structure in satin finish
- ✓ Filling with melamine panels
- ✓ Internal acoustic foam trim
- ✓ Sound bell dimension 550 X 340 X 480 mm
- ✓ Average noise gain 5dB