

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 m ³ /h
System airflow with filter	2 x 100 m ³ /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

<i>Standard version</i>	<i>ESD version</i>	<i>Description</i>
 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
	 ref. Q-AD426560	Large rectangular nozzle Dimension 356 x 216 mm
 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 and HI-HEPA-COUPOLE

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