

HEPA mobile hood with spout or dome nozzle

Equipped with 4 wheels and an articulated arm, the mobile HI-HEPA with spout nozzle or dome nozzle provides ease of movement to position the hood as close as possible to the emission point. Compact and silent, it offers a very wide spectrum of filtration thanks to its three-level complex, in particular its H13 class particle filter (High Efficiency Particulate Air) and its activated carbon compartment (for solvents, glues, etc.)



- ✓ Supplied with a suction arm, a nozzle, a blanking plug and filters
- ✓ Easy to integrate into the workspace and easy to use
- ✓ High power fan generating low noise with high and adjustable airflow
- ✓ 3 filters to promote treatment efficiency and replacement by part
- ✓ Control of the hood using a remote control (speed variation, on / off switch)
- ✓ Two nozzles available: spout nozzle or dome hood



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 (without arm)
Weight	20 kg
Mains supply	220 V / 50 Hz
Noise	Less than 55 dB
Maintenance	Periodic change of the filter
Remote with speed dimmer	Yes



The HEPA hood filtration system consists of 3 filters:

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

An alarm is triggered to indicate that the available pressure is too low and involves the change of the filter

In an economical and ecological approach, all filters can be replaced separately.



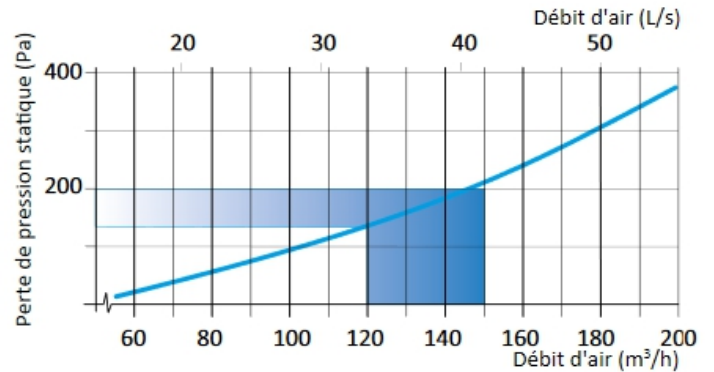


With its unique joints, the ME suction arm of the HEPA hood combines maximum flexibility with low pressure loss. The air passes through the joints without creating unnecessary turbulence.

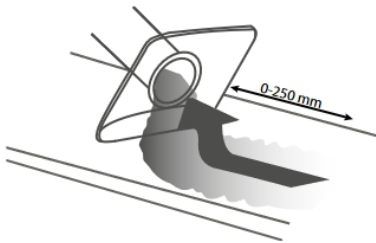
In this way, the low pressure loss obtained saves energy and maintains a quieter working environment.

The recommended air flow for a 75mm diameter arm is 120–150m³ / h. See table and graph.

Activité	Débit d'air	
Laboratoires	120–150 m ³ /h	33–42 L/s
Écoles – classes de science	120–150 m ³ /h	33–42 L/s

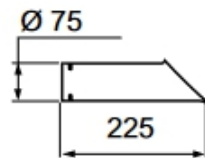


La perte de pression statique se mesure selon la norme ISO 5167-1.



To get the most benefit from the suction arm, it is important to use the flexibility of the suction arm to be as close as possible to the contaminant, usually at a distance of 2-3 times the diameter of the arm. With the recommended air flow, it guarantees high efficiency, even in the event of surrounding disturbances.

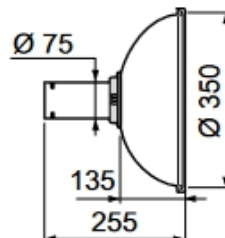
The standard ME arm features polypropylene joints and anodized aluminum tubing and is ideal for evacuating most airborne contaminants eg. in laboratories, schools, hospitals, pharmaceutical industry, hair salons and light industrial applications.



SUCTION NOZZLE

The suction nozzle is used in tight spaces and for getting close to the work without interfering.

Temp. range: -15°C to +80°C



DOME HOOD

The clear dome hood is suitable for lighter gasses with a wider dispersal of contaminants without blocking the user's vision.

Temp. range: -15°C to +80°C