



NPU 10 000 Compact

Negative pressure units

SMH's range of negative pressure units (NPU's) provides mobile filtered air extraction to control environments where airborne contaminants are a potential risk to human health, such as in pharmaceutical, biomedical, demolition and remediation work. They are designed to create negative pressure within a portable decontamination unit facility or working enclosure. All SMH NPU's comply with BS EN 8520-2:2009.

The NPU 10000 compact has been specifically designed to deliver the airflow needed for asbestos removal projects on a large scale.

The compact design provides a solution to most inaccessible locations on site.

The NPU 10000 Compact is fitted with powerful motors to provide a nominal airflow of 10400 m³/hr, and with particle filtration of 99.995% at 0.3 microns, the HEPA (High Efficiency Particulate Air) filters can clean contaminated air of potentially harmful particles such as asbestos, bacteria and some viruses.



Simple control panel



At a glance

- Available to buy or hire - contact your local SMH branch
- Conforms to all relevant British Standards - see overleaf for more details
- Sturdy triple welded polypropylene housing which is easy to clean
- Braked castors for easy movability
- Efficient two-stage air filtration with a pre-filter and HEPA filter
- Servicing and repairs available from your local SMH branch - we recommend a full service at least once every six months. Units sold outside of the UK must be examined and serviced at least once every twelve months and in accordance with local regulations and approved codes of practice.

Contact your nearest branch

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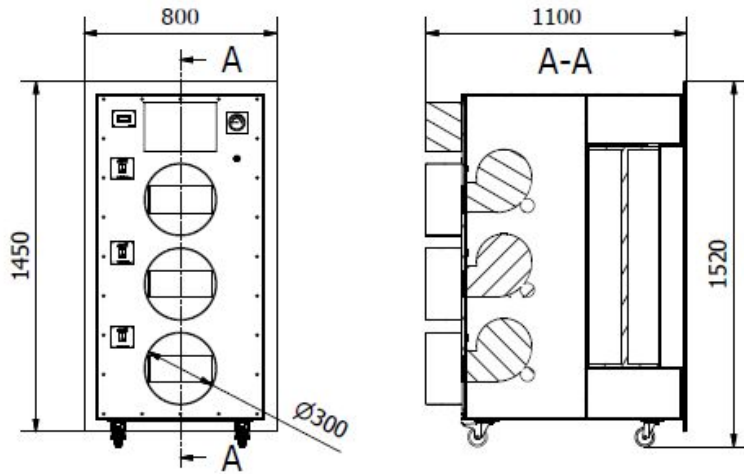
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Technical specification for the NPU 10 000 Compact

Specifications

Case	Red polypropylene, seam welded	
Average Airflow	3 Motors 10400 m ³ /hr / 6121 CFM (average) 2 Motors 7500 m ³ /hr / 4414 CFM (average) 1 Motor 4000 m ³ /hr / 2354 CFM (average)	
Noise	Average of 82 dbA when measured at 1m	
Electrical	230V 3 x 230v High capacity motors Maximum input 3kW 1 x 230V 32A Inlet RCCB Protected	400/230V 3 x 230v High capacity motors Maximum input 3kW 1 x 400V 3 phase 16A Inlet RCD Protected 3 x 16A MCB
Filter	1 x prefilter (915 x 610 x 100mm) 1 x H14 HEPA Filter with an efficiency of 99.995% at 0.3 microns (915 x 610 x 292mm)	
Weight	Approx. 160kg	

Dimensions (mm)



Certifications and approvals

- The NPUs are **DOP** and **Electrical** tested
- The NPUs comply with **BS EN 8520-2:2009** Equipment used in the controlled removal of asbestos-containing materials (ACMs)
- The NPU HEPA filters comply with **BS EN 1822-1** HEPA H14 filtration
- The units are manufactured at an **ISO 9001** quality assured site