

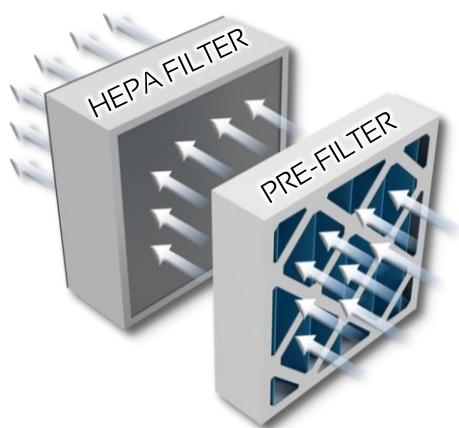
## NPU 2500+

### Negative Pressure Units

The NPU 2500+ is a medium unit in our range, providing a nominal airflow of 2500 m<sup>3</sup>/hr. It is housed in a weld-free, polyethylene case, making it light and yet still sturdy enough to withstand daily use on site. It is typically used in the controlled removal of asbestos-containing materials and is a versatile unit for most jobs.

Filtering contaminated air is critical to controlling the spread of hazardous substances. SMH's air filtration units are designed to tackle a wide range of contaminants, including asbestos, smoke, dust, pollen, bacteria, fungi and viruses.

Air is drawn into the unit by a powerful motor and through a series of filters with each filter operating with a higher efficiency than the last. This is a two-stage process: a pleated pre-filter which removes all larger particulates from the air, down to 10µm in diameter, and a secondary filter, typically a HEPA (High Efficiency Particulate Air) filter which captures smaller particulates. A H14-class HEPA filter captures at least 99.995% of all particulates around 0.3µm in diameter, and is even more efficient at capturing particulates <0.1µm and >1µm. The filtered air is then vented to the environment.



#### At a glance

- All units conform to the high specification of British Standards for equipment used in the controlled removal of asbestos-containing materials as well as a range of other relevant standards
- Sturdy and light, with handles for easier lifting
- Polyethylene housing which is easy to clean
- Quick and easy pre-filter replacement while in situ
- Efficient two-stage air filtration with a pre-filter and a HEPA filter

**Available to buy or hire – contact your nearest branch**

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# Technical Data

Specifications			Certification
Case	Case material	Polyethylene	<ul style="list-style-type: none"><li>• All units come PAT and DOP tested;</li><li>• The NPU's comply with BS EN 8520-2:2009 Equipment used in the controlled removal of asbestos-containing materials (ACMs);</li><li>• The NPU's HEPA filter complies with BS EN 1822-1;</li><li>• All appliances comply with BS EN 60335-2-69 Household and similar appliances;</li><li>• The units are manufactured at an ISO 9001 quality assured site.</li></ul>
	Case colour	Grey	
	Weight (kg)	46	
Electric	Voltage (V)	110	
	Mains frequency (Hz)	50	
	Supply (no. of phases)	1	
	Power, input, max. (W)	1000	
	Current, nominal (A)	14	
Airflow & Filters	Electrical protection	16A MCB	
	Isolation on/off switch	✓	
	Nominal airflow (m³/hr)	2500	
	Nominal airflow (CFM)	1471	
	Noise level, max. (dBA) <small>Measured at 1m distance without ducting</small>	86	
	Differential pressure gauge (Pa)	0-1250	
	Pre-filter dimensions (mm)	450x450x98	
Dimensions	H14 HEPA filter dimensions (mm)	457x457x292	
	Case length, A (mm)	961	
	Case width, B (mm)	635	
	Case height, C (mm)	662	
	Floor clearance height, D (mm)	107	
	Exhaust outlet diameter, E (mm)	300	
	Exhaust outlet depth, F (mm)	85	
	Cover plate width, G (mm)	635	
	Cover plate height, H (mm)	580	

Optional Extras & Accessories		
Extras	Hour meter	✓
	Airflow monitor	✓
	Variable speed control	✓
	Pre-filter viewing window	✓
Accessories	Spigot plate	✓
	Roving filter	✓
	Clear cover plate	✓

