

# NPU Range

## Negative pressure units

SMH's range of negative pressure units (NPUs) 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 NPUs comply with BS EN 8520-2:2009.

**NPU 1000**

**NPU 2500+**

**NPU 5000+**

**NPU XL range**  
 10000 / 15000 / 20000



Images not to scale

**Order code:** C000392

C000399

C000420

C000424 / 425 / 426

**Case:** Grey polypropylene, seam triple-welded

Moulded polyethylene, weld-free, available to buy in a range of colours

Moulded polyethylene, weld-free, available to buy in a range of colours

Grey polypropylene, seam triple-welded  
 Steel skid with wheels/casters for transportation which fits forklifts and some pallet trucks

**Height:** 505 mm

634 mm

811 mm

1491 mm

**Width:** 505 mm

634 mm

811 mm

1336 mm

**Length:** 660 mm

915 mm

922 mm

1838 mm

**Airflow:** 1486 m<sup>3</sup>/hr (average)  
 870 CFM (average)

2750 m<sup>3</sup>/hr (average)  
 1619 CFM (average)

5500 m<sup>3</sup>/hr (average)  
 3190 CFM (average)

10000 / 15000 / 20000 m<sup>3</sup>/hr (average)  
 5890 / 8830 / 11770 CFM (average)

**Electrical:** 1 x High capacity motor which runs on single phase 110/120v-50Hz or 220/240v-50Hz supply  
 Maximum input 450W  
 110v: MCB Protected  
 230v: RCBO Protected

1 x High capacity motor which runs on single phase 110/120v-50Hz or 220/240v-50Hz supply  
 Maximum input 1kW  
 110v: MCB Protected  
 230v: RCBO Protected

2 x High capacity motor which runs on single phase 110/120v-50Hz or 220/240v-50Hz supply  
 Maximum input 2kW  
 110v: MCB Protected  
 230v: RCBO Protected

3 x / 4 x / 6 x High capacity motors which run on single phase 230V  
 Maximum input 3/4/6kW  
 230V 32A RCCB  
 2x 16A MCBs

**Filter:** 1 x prefilter (372x372x98mm)  
 1 x H14 HEPA filter with an efficiency of 99.995% at 0.3 microns (381x381x150mm)

1 x prefilter (450x450x98mm)  
 1 x H14 HEPA filter with an efficiency of 99.995% at 0.3 microns (457x457x292mm)

1 x prefilter (596x596x98mm)  
 1 x H14 HEPA filter with an efficiency of 99.995% at 0.3 microns (610x610x292mm)

4 x prefilters (457x457x100mm)  
 2 x H14 HEPA Filters with an efficiency of 99.995% at 0.3 microns (915x610x292mm)

**Weight:** 31 kg

46 kg

65 kg

Approx. 250 / 275 / 300 kg

- Optional extras
- Hour meter
  - Airflow monitor
  - Variable flow control

- Optional extras
- Hour meter
  - Airflow monitor
  - Variable flow control

- Optional extras
- Hour meter
  - Airflow monitor
  - Variable flow control

- Standard with hour meter
- Standard with wheels/casters

**Contact your nearest branch**

Romsey  
 01794 52 4000  
 romsey@smhproducts.com

Bristol  
 01174033665  
 bristol@smhproducts.com

London  
 01277810035  
 london@smhproducts.com

Cardiff  
 02920780790  
 cardiff@smhproducts.com

Birmingham  
 01213286000  
 birmingham@smhproducts.com

Leeds  
 01132799003  
 leeds@smhproducts.com

Glasgow  
 0141 556 6600  
 glasgow@smhproducts.com

St Helens  
 0174426660  
 sthelens@smhproducts.com

Washington  
 01914566002  
 washington@smhproducts.com

Nottingham  
 01623720121  
 nottingham@smhproducts.com