



PURE INGENIOUS

IN-ROOM PORTABLE HIGH GRADE AIR PURIFICATION

CLEANER, HEALTHIER & SAFER AIR FOR SMALL ROOMS



Removes All Three Types of Serious Indoor Pollution

The **Portable High Efficiency Purification System (HEPS)** provides the same powerful high grade air purification as the Florence Purifier, but in a smaller, easily portable unit. It creates a cleaner, healthier and safer indoor environment for small, single rooms.

The **HEPS** provides superior indoor air quality that optimises human (and animal) health. It is ideal for applications that need improved infection prevention - including healthcare and veterinary clinics, laboratories and homes. It also improves indoor air quality (IAQ) in rooms such as offices and college classrooms.

Reduces the Spread of Airborne Infections

The **HEPS** cleans the air by significantly reducing the contaminants known to affect indoor air quality. It significantly reduces infectious airborne viruses, and surface and airborne pathogenic bacteria - including Equine Influenza, MRSA, MERS, pneumonia, E. Coli and C. Difficile.

The **HEPS** also removes chemical and gaseous pollutants and carcinogens - including carbon monoxide, pesticides, formaldehyde and nitrogen dioxides - and the bio-allergens (including mould and pollen) that trigger allergic reactions. It significantly reduces dust and microplastic particles down to 0.3 micron from the air, which has a protective benefit. The body can struggle to remove plastic fibres that are inhaled, and the long term impact on health is not yet fully understood.

The **HEPS** also removes unpleasant odours, which creates a more pleasant environment.



Reduces Airborne Viruses & Airborne & Surface Pathogenic Bacteria



Reduces Volatile Organic Compounds (VOCs) & Unpleasant Odours



Reduces Bio-Allergens, Dust & Plastic Particulates



SPECIFICATION

- Unit dimension - 450mm x 540mm x 200mm.
- Unit weight - 10.5kg.
- Maximum airflow - 100 litres/sec.
- Power consumption - 100w.
- Voltage - 220v/1ph/50Hz.
- UVC germicidal lamp - 10 watts.
- Micro-watts at surface per cm² - 16,000.
- Micro-watts at surface per cm² @ 30mm - 540.
- UVC germicidal wavelength - 254 nano-meters.
- Stage 1 pre-filter - 5 microns.
- Stage 2 HEPA filter - 0.30 micron hospital grade.
- Stage 1 & Stage 2 gas absorption layer - activated charcoal.
- Application range - up to 50m².
- Service internals - replace filter every six months (minimum) and UV lamps every twelve months.
- Catalyst - TiO₂ anatase for photocatalytic oxidation
- Filter efficiency % - 99%.
- Sound level dBA - 48 to 68.

INFORMATION

- Plug & play.

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