



PURE INGENIOUS

# IN-ROOM SURFACE & HIGH GRADE AIR PURIFICATION

## REMOVES BACTERIA, VIRUSES, ALLERGENS, TOXINS & PARTICULATES

### Delivers Cleaner, Healthier & Safer Air

The **Florence Purifier** is a standalone, portable infection prevention unit that significantly reduces health-damaging indoor contaminants: pathogenic bacteria and viruses, bio-allergens (including pollen and mould spores), toxins and gaseous pollutants, and particulates down to 0.3 micron (including dust and microplastics). **Florence** also removes unpleasant odours, creating a more pleasant environment.

The bespoke design provides a simple way to deliver high quality air to different single room applications. **Florence** can be wall or ceiling mounted and has an adjustable speed fan that enables use in small, medium or large size rooms. **Florence** can also be positioned on a hospital-grade wheeled stand (shown in the image). This is ideal for operating theatres and recovery areas and is especially useful for healthcare and veterinary practices, paramedical rooms and clinics. **Florence** also improves indoor air quality (IAQ) in rooms such as classrooms and offices.

**Florence** provides high grade air purification. **Florence Pro** combines high grade air purification with probiotic hard and soft surface purification.

### Removes Dust & Plastic Particulates from the Air

There is a science to clean and healthy indoor air. When probiotic surface purification meets high grade air purification the result is simple - superior indoor air quality that optimises human (and animal) health. It ensures that only the healthiest air exists in any given environment - by significantly reducing infectious airborne viruses, as well as surface and airborne pathogenic bacteria - including MRSA, MERS, pneumonia, E. Coli and C. Difficile.

**Florence** also removes chemical and gaseous pollutants and carcinogens - including carbon monoxide, pesticides, formaldehyde & nitrogen dioxides - and the bio-allergens (including pollen and mould spores) that trigger allergic reactions. **Florence** also 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.

### SPECIFICATION

- Unit dimension - 470mm x 650mm x 600mm OR a bespoke option.
- Unit weight - 15kg.
- Maximum airflow - 500 litres/sec.
- Power consumption - 200w.
- Voltage - 220v/1ph/50Hz.
- UVC germicidal lamp - 20 watts.
- Micro-watts at surface per cm<sup>2</sup> - 16,000.
- Micro-watts at surface per cm<sup>2</sup> @ 1ft - 540.
- UVC germicidal wavelength - 254 nano-meters.
- Filter - 0.30 micron hospital grade.
- Service internals - replace filter every six months (minimum) and UV lamps every twelve months.
- Catalyst - TiO<sub>2</sub> anatase for photo-catalytic oxidation.
- Filter efficiency % - 99%.
- Sound level dBA - 48 to 68.



✓ **Reduces Airborne Viruses & Airborne & Surface Pathogenic Bacteria**

✓ **Reduces Volatile Organic Compounds (VOCs) & Unpleasant Odours**

✓ **Reduces Bio-Allergens, Dust & Plastic Particulates**



### INFORMATION

- Plug & play.