



CLEAN AIR. Healthy Embryos. Happy Families.

Is the air in your IVF lab as clean as it can be?

Laboratory air quality has a major impact on implantation and live birth rates.

The all new portable, affordable Defend 1050 is the most powerful yet gentle solution for continuous air purification in IVF labs.

- ✓ Removes 99% PM 1 in 6.33 minutes
- ✓ Removes 99% of PM 2.5 in 6.26 minutes
- ✓ Removes 99.68% of Formaldehyde in 1.1 minutes
- ✓ Removes 99.49% of Nitrogen Dioxide in 7.2 minutes
- ✓ Air flow of 906 m³/hr (full speed)



Decrease Pollutants. Increase IVF Success.

Even when IVF labs follow strict laboratory practices, airborne pollutants can negatively affect embryonic development. Indoor contaminants such as VOCs and particulate, and outside air pollution from road work, traffic, construction and insecticides can all lead to fluctuations in IVF success. Pollutants can settle on surfaces and dissolve into the aqueous solutions and oil overlays where fragile embryos are cultured.



POLLUTION



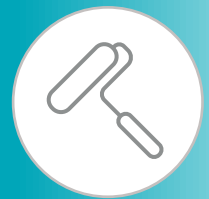
CLEANING CHEMICALS



HUMAN ACTIONS



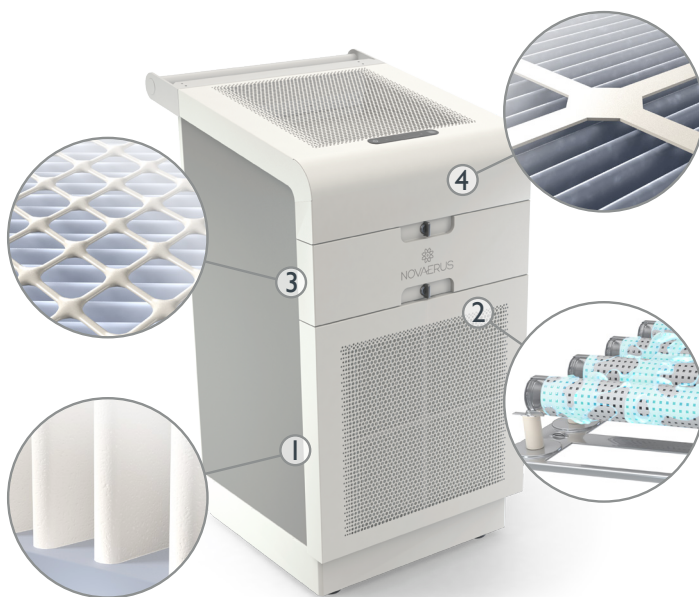
CARPET & FURNITURE



PAINT

Clean Air at the Point of Care

The Novaerus Defend 1050 disinfects and purifies the air with our patented ultra-low energy plasma combined with a high performance multi-stage filter system from Camfil®.



1. Trap Coarse Particles

A Camfil® pre-filter traps large particles to protect the internal plasma coils and extend the life of the HEPA filter.

2. Kill Pathogens

Six Novaerus plasma coils instantly deactivate bacteria and viruses at the molecular level.

3. Trap Fine Particles to 0.12µm

Camfil® HEPA filter traps bacterial debris and fine particulate matter.

4. Adsorb VOCs and Odour

Activated Camfil® carbon filter adsorbs VOCs, odours, and impurities.