

NOVAERUS DEFEND 1050

Kill Pathogens. Trap Particulate. Eliminate Odor.

The new Novaerus Defend 1050 combines our patented plasma technology for rapid air disinfection with a Camfil® triple-stage filter system for superior air purification.

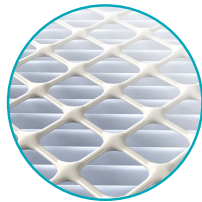
- ✓ Destroys airborne viruses and bacteria
- ✓ Neutralizes odors and VOCs
- ✓ Traps coarse and fine particulate matter
- ✓ Reduces airborne mold spores and pollen
- ✓ Safe, portable, and easy-to-use



Voltage: 120 VAC / 60 Hz
Fan settings: 5 speeds
Energy use: 137 – 331 W
Air flow: 107 – 533 CFM
Size: 19.9" (w) × 39.4" (h)
× 18.3" (d)
Weight: 112 lbs
Filter 1: M5 Pre-Filter
Filter 2: HEPA H13 Filter
Filter 3: G4 Carbon Pleated
Noise level: 47.9 – 75.1 dBA at unit
38.5 – 62.9 dBA at 3 ft away

THE POWER OF KILL AND TRAP

How the Defend 1050 works



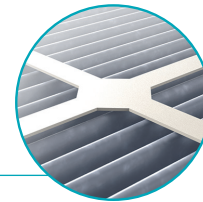
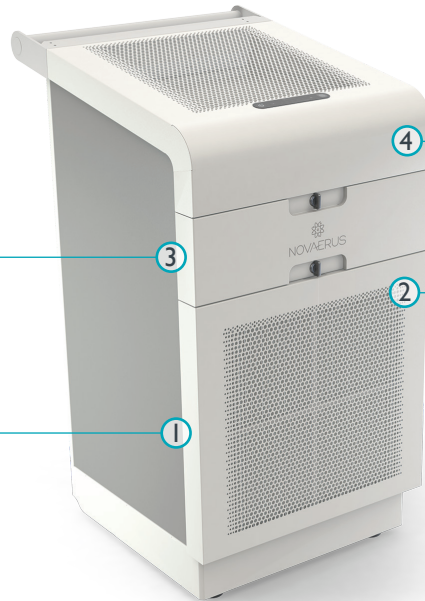
HEPA H13 FILTER

Camfil® HEPA H13 filter traps bacterial debris and particles as fine as 0.12µm.



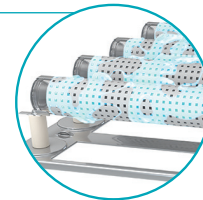
M5 PRE-FILTER

Powerful fan pulls indoor air through a Camfil® pre-filter, trapping large particles to protect the internal plasma coils and extend the life of the HEPA filter.



G4 CARBON FILTER

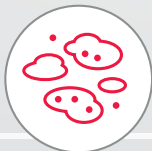
Activated Camfil® carbon filter adsorbs VOCs, odors, and impurities.



PLASMA COILS

Six ultra low energy plasma coils rapidly deactivate microorganisms and viruses at the DNA level.

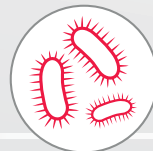
Independently tested and proven effective:



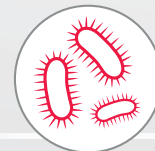
99% reduction
PM2.5
6.3 minutes



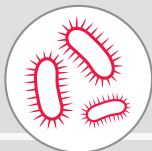
99.99% reduction
Aspergillus niger
30 minutes



99.94% reduction
MRSA
15 minutes



99.9% reduction
Clostridium difficile
40 minutes



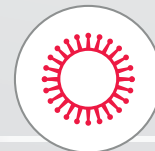
97% reduction
Tuberculosis
30 minutes



99.49% reduction
Nitrogen dioxide
7.2 minutes



99.68% reduction
Formaldehyde
1.1 minutes



99.9% reduction
Influenza A
10 - 20 minutes