



DEFEND 1050

SPECIFICATIONS



Designed for rapid remediation in large spaces and situations with high risk of infection, the Novaerus Defend 1050 uses patented ultralow energy plasma technology combined with a triple-stage Camfil® filter system to provide a combined solution for air disinfection and particle removal.

QUALITY & SAFETY

Manufactured under ISO 9001, ISO 14001 & OHSAS 18001.

CONFORMS to the Medical Device Directive MDD 93/42/EEC

This Product meets the safety requirements of IEC60601 Medical electrical equipment and UL867 Safety for Electrostatic Air Cleaners

MODEL

NVI050

2-wheeled base + handle, 5-speed fan setting

ELECTRICAL RATING

Single phase, 120 VAC, 60 Hz

POWER CONSUMPTION

137 – 331 Watts

DIMENSIONS + WEIGHT

19.9" (w) × 39.4" (h) × 18.3" (d)

112 lbs

AIR FLOW

107 – 533 CFM

NOISE LEVEL

47.9 – 75.1 dBA at unit

38.5 – 62.9 dBA at 3.28 ft away

FILTERS

Stage 1: M5 30/30 filter

Camfil® Part No. 715-00-0203

15.75" (h) × 15.75" (w) × 1.97" (d)

Stage 2: HEPA H13 filter, MGA grade

Camfil® Part No. 715-00-0163

15.75" (h) × 15.75" (w) × 4.33" (d)

Stage 3: Carbon/molecular filter

Camfil® Part No. 715-00-0162

15.75" (h) × 15.75" (w) × 1.97" (d)

Final pressure drop is 500 Pa

AREA COVERAGE

200 – 1000 ft² (4 air changes per hour)

400 – 2000 ft² (2 air changes per hour)

VOLUME TREATMENT

1,600 – 8,000 ft³ (4 air changes per hour)

3,200 – 16,000 ft³ (2 air changes per hour)

