

Defend 1050

Powered by
NanoStrike[®]
technology



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

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SPECIFICATIONS

MODEL

Defend 1050 - Floor standing, 2-wheeled base + handle, 5-speed fan setting with 2m power cord

AREA COVERAGE

18.6 – 92.9 m² (4 air changes per hour)
37.2 – 185.8 m² (2 air changes per hour)

VOLUME TREATMENT

45 – 226 m³ (4 air changes per hour)
90 – 452 m³ (2 air changes per hour)

ELECTRICAL RATING

Single phase, 220-240 VAC, 50-60 Hz
Fuse rated at 250 VAC, 6.3 Amps,
Listed

POWER CONSUMPTION

Maximum 396W

CONSTRUCTION + COLOUR

Precision-cut fabricated metal casing in a white anti-bacterial powder coat finish.

DIMENSIONS + WEIGHT

92.0 cm (h) x 49.0 cm (w) x 59.0 cm (d)
53.8 kg

ELECTRICAL CONNECTION

Switched and fused with a grounded, moulded and detachable power cord.

FAN AIRFLOW VOLUME

Speed 1 = 181 m³/h

Speed 2 = 317 m³/h

Speed 3 = 453 m³/h

Speed 4 = 679 m³/h

Speed 5 = 906 m³/h

FILTERS

Stage 1: M5 30/30 filter

Stage 2: HEPA H13 filter, MGA grade

Stage 3: G4 carbon pleated filter

QUALITY + SAFETY

Manufactured under ISO 9001, ISO 14001 & OHSAS 18001.

Conforms to the Medical Device Directive (MDD) 93/42/EEU

IEC 60601-1, Third Edition

IEC 60601-1-2, Fourth Edition

CE Mark



NOISE LEVEL

Speed 1 = 48 dBA

Speed 2 = 56 dBA

Speed 3 = 62 dBA

Speed 4 = 70 dBA

Speed 5 = 78 dBA

OPERATING CONDITIONS

10-35°C, 10-75% Relative Humidity

SHIPPING / STORAGE CONDITIONS

5°C-50°C, Maximum 95% Relative Humidity