

NV1050

SPECIFICATIONS



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

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)



Distributed in Australia by Carinda Health Pty Ltd, a member of the Carinda Group of companies.

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MODEL

Defend 1050 (NV1050) 2-wheeled base with handle and electronic 5 speed fan

ELECTRICAL RATING

Single phase, 230-240 VAC, 50 Hz

POWER CONSUMPTION

137 – 331 W

DIMENSIONS + WEIGHT

100.1 cm (h) x 50.5 (w) x 46.5cm (d)
51 kg

AIR FLOW

181 – 906 m³/hr (107 – 533 CFM)

NOISE LEVEL

47.9 – 75.1 dBA at unit
38.5 – 62.9 dBA at 1m away

FILTERS

Stage 1: G4 30/30 filter
Camfil® Part No. 715 00 0203
400 (h) x 400 (w) x 50 (d) mm

Stage 2: HEPA H13 filter, MGA Type
Camfil® Part No. 715 00 0163
400 (h) x 400 (w) x 110 (d) mm

Stage 3: M5 carbon pleated filter
Camfil® Part No. 715 00 0162
400 (h) x 400 (w) x 50 (d) mm

OPERATING CONDITIONS

10-35°C, 10-75% Relative Humidity,
2000m

SHIPPING / STORAGE CONDITIONS

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

QUALITY + SAFETY

Manufactured under ISO 9001, ISO14001
& OHSAS 18001

Conforms to the EU Medical Device Directive and the Therapeutic Goods Administration requirements for Class 1 devices

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