



Defend 1050 Specifications

The Defend 1050 is designed for rapid remediation in large spaces and situations with a high risk of infection. It is a free-standing unit which can be easily wheeled to any plug outlet. It processes 906m³/hr (cubic metres of air an hour).

NOVAERUS uses patented active purification technology to continuously pull contaminated indoor air across internal short-exposure plasma coils, deactivating airborne microorganisms and viruses at the DNA level. In addition, the Defend 1050 has a triple-stage Camfil® filter system to provide a combined solution for air dis-infection and particle removal.

MODEL

NOVAERUS Defend 1050 Air Purifier
2-wheeled base + handle, 5-speed fan setting

ELECTRICAL RATING

Single phase, 230 VAC, 50 Hz

AREA COVERAGE

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

VOLUME TREATMENT

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

DIMENSIONS + WEIGHT

93cm (h) x 58cm (w) x 48cm (d)
51kg

POWER CONSUMPTION

137 – 331 W

FAN AIR FLOW VOLUME

181 – 906m³/hr

NOISE LEVEL

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

FILTERS

Stage 1	Pre-filter (M5) Camfil® Part No. 715-00-0203 400mm (h) x 400mm (w) x 48mm (d)
Stage 2	HEPA filter (H13) Camfil® Part No. 715-00-0163 400mm (h) x 400mm (w) x 110mm (d)
Stage 3	Carbon filter (G4) Camfil® Part No. 715-00-0162 400mm (h) x 400mm (w) x 50mm (d)

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