

DEFEND 1050

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

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)

MODEL

NV1050
2-wheeled base + handle, 5-speed fan setting

ELECTRICAL RATING

Single phase, 120 VAC, 60 Hz

POWER CONSUMPTION

137 – 331 W

DIMENSIONS + WEIGHT

19.9" (w) x 39.4" (h) x 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
400 (h) x 400 (w) x 50 (d) mm

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

Stage 3: Carbon/molecular filter
Camfil® Part No. 715-00-0162
400 (h) x 400 (w) x 50 (d) mm

Final pressure drop is 500 Pa