

SPECIFICATIONS

DEFEND 1050



Protected by
NanoStrike[™]
technology



Lowest Speed: 60.5 W – 78.5 W
Highest Speed: 309.7 W – 395.8 W

100-130 VAC model:

Lowest Speed: 43.7 W – 67.2 W
Highest Speed: 238.7 W – 366.1 W

ELECTRICAL CONNECTION

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

OPERATING CONDITIONS

10-35 °C | 50-95 °F, 10-75% Relative Humidity

SHIPPING / STORAGE CONDITIONS

5-50 °C | 41-122 °F, <95% Relative Humidity

FAN AIR FLOW VOLUME

Speed 1: 181 m³/h | 107 CFM
Speed 5: 909 m³/h | 533 CFM

NOISE LEVEL*

Speed 1: 38 dB
Speed 5: 63 dB

FILTERS

Stage 1 Pre Filter: M5 30/30 filter
Stage 2 HEPA Filter: HEPA H13 filter, MGA grade
Stage 3 Carbon Filter: G4 carbon pleated filter

QUALITY & SAFETY

Manufactured under ISO 9001, ISO 14001 & ISO 45001

REGULATORY

FDA K200321.510(k) Class II Medical Device
IEC 60601-1 & 60601-1-2
IEC 60335-1 & IEC 60335-2-65
CE I Conforms to Low Voltage Directive (LVD)
2014/35/EU
UL 867 I CSA C22.2 NO. 187:20
UL 2998 I CARB
FCC
China Disinfection WS/T 648
South Korea KCC
ISO 146441 Clean Room (Level 8)

MODEL DEFEND 1050 (NV1050)

Floor standing, 2-wheeled base + handle,
5-speed fan setting, 6-NanoStrike coils with 3 m (9
ft) power cord (minimum length).

CONSTRUCTION + COLOR

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

DIMENSIONS

920 mm (h) × 490 mm (w) × 590 mm (d)
36.2" (h) × 19.3" (w) × 23.2" (d)

WEIGHT

53.8 kg | 118.6 lbs

ELECTRICAL RATING

Single Phase, 220-240 VAC | 100-130 VAC, 50-60 Hz
Dual Fuse Rated at 250 VAC, 6.3 A, Listed

POWER CONSUMPTION RANGE*

220-240 VAC model:

* Power consumption depends on voltage and frequency of network in particular county.
* Measured at the unit.