



### MODEL

#### Defend 1050 (NV1050)

Floor standing, 2-wheeled base + handle, 5-speed fan setting, 6-NanoStrike coils with 6.5 ft (2m approx.) power cord.

### CONSTRUCTION + COLOR

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

### DIMENSIONS

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

### WEIGHT

118.6 lbs | 53.8kg

### ELECTRICAL RATING

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

### POWER CONSUMPTION RANGE\*

100-130 VAC model:

Lowest Speed: 43.7W - 67.2W

Highest Speed: 238.7W - 366.1W

### ELECTRICAL CONNECTION

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

### OPERATING CONDITIONS

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

### SHIPPING/STORAGE CONDITIONS

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

### FAN AIRFLOW VOLUME

Speed 1 = 107 CFM | 181 m<sup>3</sup>/h

Speed 2 = 187 CFM | 317 m<sup>3</sup>/h

Speed 3 = 267 CFM | 453 m<sup>3</sup>/h

Speed 4 = 400 CFM | 679 m<sup>3</sup>/h

Speed 5 = 533 CFM | 906 m<sup>3</sup>/h

### NOISE LEVEL\*

Speed 1 = 38 dBA

Speed 2 = 44 dBA

Speed 3 = 51 dBA

Speed 4 = 58 dBA

Speed 5 = 63 dBA

\* Power consumption depends on voltage and frequency of network in particular country

\* Measured 1m from the unit.

### 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 STANDARDS

Manufactured under ISO 9001, ISO 14001 & ISO 45001

### GLOBAL CERTIFICATIONS

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