

AC Ionizing Blower

Inherent Stability

The BFN 801 benchtop ionizing blower, with inherently stable AC technology, provides excellent balance and rapid charge decay for secure workstation protection. Designed to protect most sensitive electronic devices, the BFN 801 uses corona ionizing technology to continuously produce a balanced output of positive and negative air ions.

Performance and Design Excellence

BFN series AC ionizers from 9ghJhY'W Technologies create a dense and well-balanced ionization current. They are unique in their ability to deliver fast decay times with low offset voltages. Continuous balance and decay protection is assured by the reliable AC design. An integrated emitter point cleaner, removable front and rear fan guards, safety switch combine to make the BFN 801 a user friendly ionizer.



Model BFN 801
AC Ionizer

Features

- AC ionization output
- Integrated emitter cleaning device
- Variable fan speed control
- Removable finger guards with auto shut-off sensor

Benefits

- ± 10 volt balance; Assured stability over time
- Keeps emitters free from contamination
- Adjustable for varied work applications
- Easy to clean and safe to access

Typical Applications

- Electronic assembly
- Medical device assembly and packaging
- Semiconductor mfg.



BFN 801 Ionizing Blower

Product Specifications

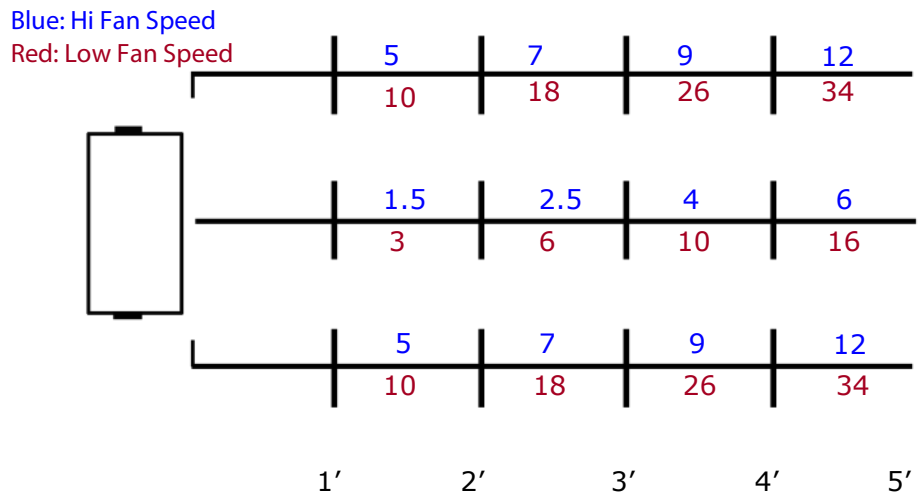
Power Input
 120 V AC, 60 Hz., 36W
 220 V AC, 50Hz.
 Dimensions
 7.0" W x 10.25" H x 3.75" D
 (17.8W x 26.0H x 9.5D cm)
 Weight
 8.25 lb (3.75 kg)
 Air Volume
 50 CFM – 100 CFM (low— high)
 Effective Coverage
 1'x5' area coverage
 Balance
 0 ±10 volts
 Decay Time
 < 2 seconds @12", 1000V-
 100V, fan speed on high
 RH Operating Range
 20-60%, non-condensing

Discharge times
 determined as per
 EOS/ESD Standard
 No.3 using
 6" x6" 20 pF charge
 plate monitor. Dis-
 charge times are in
 seconds from 1000V to
 100 V, Discharge times
 are slightly longer for
 230V, 50 Hz

Indicators
 ON/OFF status light indica-
 tor, detects presence of HV
 on emitter points
 Temperature
 32-122° F (0-50° C)
 Ozone Production
 < 0.003 ppm, 12" in front of
 unit, EPA EQOA577019

Audible Noise
 44dB(A) (Distance 1 meter)
 Enclosure
 Steel
 Finish
 Powder coat, off white
 Approvals
 CE

BFN 801 Charge Decay Efficiency (Discharge Time)



Tested in accord with ANSI/ESD STM3.1-2006

6 months warranty for manufacturing defect

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.



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