

# AC Overhead Ionizing Blower



Model BFN 803  
AC Overhead Ionizer

## Overhead Excellence

The BFN 803, 3 fan overhead ionizing blower, with AC technology, provides excellent balance and stability for secure workstation protection. This superior ionizer is equipped with 2 LED task lights, integrated emitter cleaners and safe, easy maintenance access.

## Complete Workstation Protection

BFN series AC ionizers from Transforming 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 803 a user friendly ionizer.



BFN Ionizers are equipped with LED technology for long-lasting, energy efficient operator lighting

### Features

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

### Benefits

- $\pm 10$  volt balance; Assured stability over time
- High energy efficiency; long service life
- Keeps emitters free from contamination
- Adjustable for varied work applications
- Easy to clean and safe to access



Removable fan plate with safety switch and point cleaner.

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# BFN 803 Overhead Blower

## Product Specifications

### Power Requirements

120 V AC, 60 Hz., 110W  
220 V AC, 50Hz.

### Dimensions

38.78" W x 6.75" H x 3.35" D  
(58.5 W x 17.2 H x 8.5 D cm)

### Weight

18.7 lb (8.5 kg)

### Air Volume

150 CFM – 300 CFM [low –high]

### Effective Coverage

2' x 4' area coverage

### Balance

0 ±10 volts

### Decay Time

< 3 seconds @ 18", directly  
under center of unit, 1000V-  
100V, fan speed on high

### Temperature

32-122° F (0-50° C)

### Ozone Production

< 0.003 ppm, 12" in front of  
unit, EPA EQOA577019

### RH Operating Range

20-60%, non-condensing

**Discharge time in seconds  
(1000 volts to 100volts)  
determined per ANSI/ESD  
STM 3.1; unit at 18" above  
test plate, fans at high  
speed. Discharge times are  
slightly longer for 230VAC,  
50Hz unit.**

### Indicators

ON/OFF status light indica-  
tor, detects presence of HV  
on emitter points

### Task Lighting

LED Technology

### Audible Noise

52dB(A), (Distance 1 meter)

### Enclosure

Steel

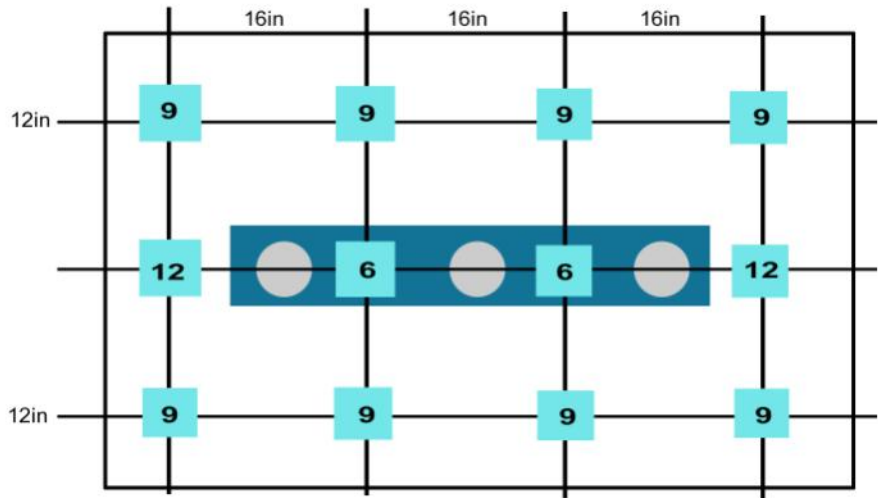
### Finish

Powder coat, off white

### Approvals

CE

## BFN 803 Performance

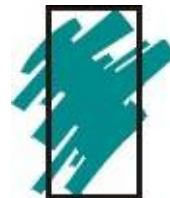


Tested in accord with ANSI/ESD STM3.1-2006

## About Transforming Technologies

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.

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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Outstanding Alternatives in Static Control