

# AC Overhead Ionizing Blower

## Overhead Protection

The BFN 802, 2 fan overhead ionizing blower, with AC technology, provides excellent balance and stability for secure workstation protection. This superior ionizer is equipped with high efficiency LED task lighting, integrated emitter cleaners and safe, easy maintenance access.



## Small Footprint, Perfect for Local Coverage

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, stable AC design. An integrated emitter point cleaner, removable front and rear fan guards, safety switch combine to make the BFN 802 an effective, user friendly ionizer.

Model BFN 802  
AC Overhead Ionizer



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

### Features

- AC ionization output
- LED Task Light
- 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
- Enhances operator efficiency
- Keeps emitters free from contamination
- Adjustable for varied work applications
- Easy to clean internally and safe to access



Removable fan guard with safety switch and point cleaner.



Transforming Technologies,

Outstanding Alternatives in Static Control

# BFN 802 Ionizing Blower

## Product Specifications

### Power Requirements

120 V AC, 60 Hz., 70W  
220 V AC, 50Hz.

### Dimensions

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

### Weight

12.8 lb (5.8 kg)

### Air Volume

100 CFM – 200 CFM [low –high]

### Effective Coverage

2' x 3' 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)

**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.**

### RH Operating Range

20-60%, non-condensing

### Indicators

ON/OFF status light indicator, detects presence of HV on emitter points

### Light Output

LED Technology

### Audible Noise

48dB(A), (Distance 1 meter)

### Ozone Production

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

### Enclosure

Steel

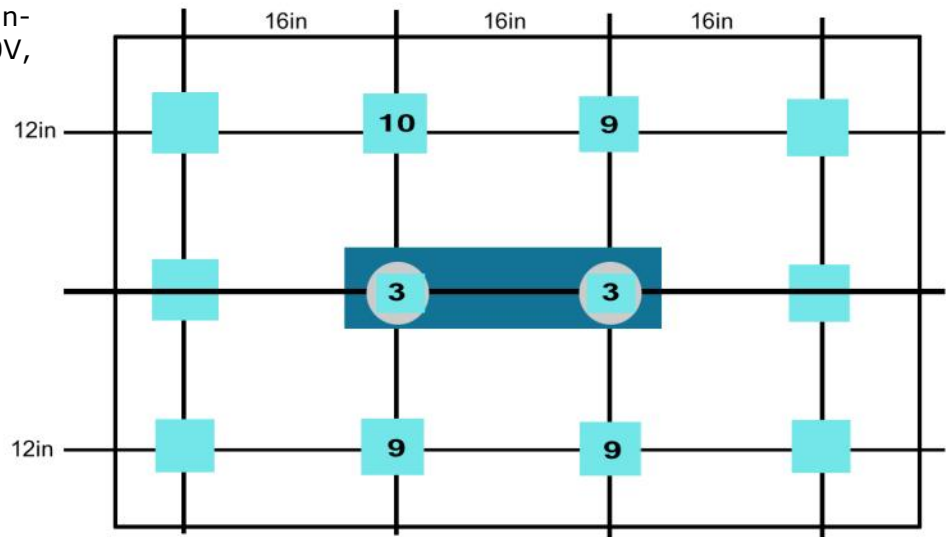
### Finish

Powder Coat, off white

### Approvals

CE

## BFN 802 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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