

## BFN803 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.



### Features

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



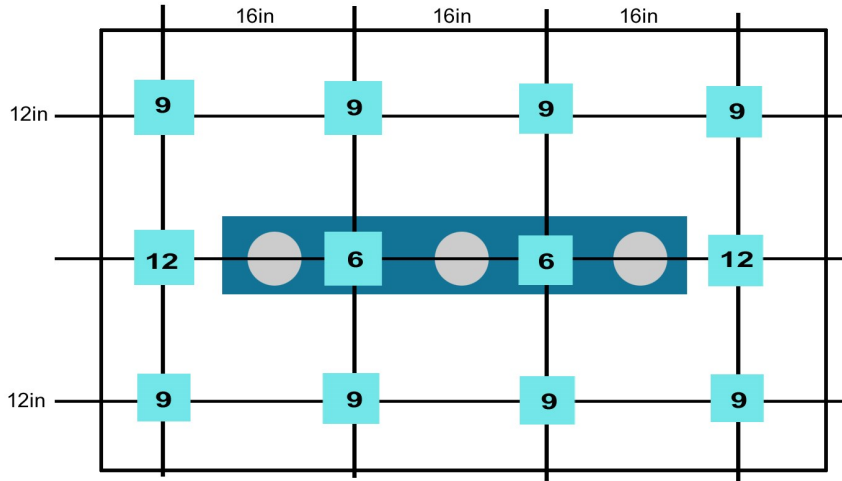
### Applications:

**Electronic assembly, medical device assembly and packaging, semiconductor mfg.**

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.

## BFN 803 Charge Decay Efficiency (Typical Discharge Time)

Blue: Hi Fan Speed



Offset voltage and discharge time determined using charged plate monitor. Discharge times are in seconds from 1000V to 100 V

The BFN803 meets the ANSI/ESD S20.20 requirements of Offset voltage as tested per ANSI/ESD STM3.1.

### Model BFN803

Power Input

Effective Coverage  
Typical Balance

Typical Decay Time

Indicators

Temperature

Audible Noise

Enclosure

Finish

Dimensions

Weight

Warranty

### Specifications

110 V AC, 60 Hz., 110W  
220 V AC, 50Hz. (Custom Order)

2' x 4' area coverage  
±10 volts

1000V—100V, < 2 seconds @12"

ON/OFF status light

32-122° F

52 dB (A) (Distance 1 meter)

Steel

Powder coat, off white

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

18.7 lb (8.5 Kg)

1-year limited warranty

## About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

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.



# TRANSFORMING TECHNOLOGIES

OUTSTANDING ALTERNATIVES IN STATIC CONTROL

www.transforming-technologies.com

3719 King Road

Toledo Ohio 43617

Phone: 419-841-9552

Fax: 419-841-3241

info@transforming-technologies.com