

## BFN801 AC Benchtop Ionizer

### ***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 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 801 a user friendly ionizer.



### **Features**

- Inherently stable AC ionization output technology
- Fast static decay times with excellent ion balance
- Variable fan speed control
- Removable fan guards with auto shut-off sensor for safe service
- Integrated emitter cleaning device
- Rugged powder coated steel body
- Removable finger guards with auto shut-off sensor



### **Applications:**

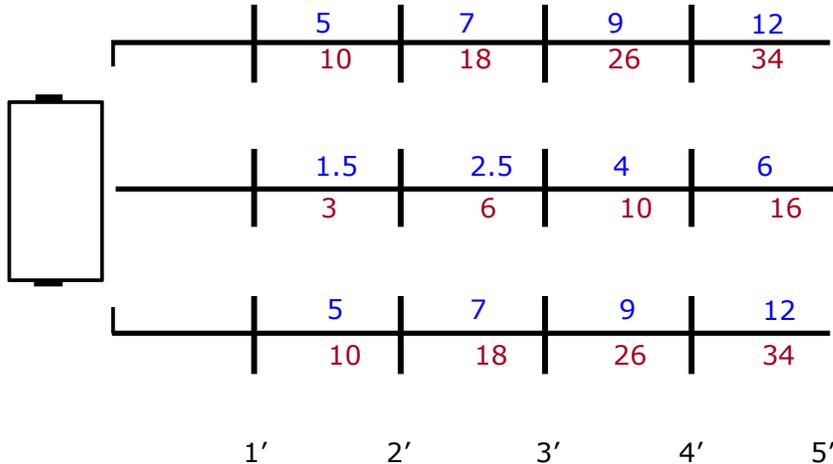
**Electronic assembly, medical device assembly and packaging, semiconductor mfg.**

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 801 Charge Decay Efficiency (Typical Discharge Time)

Blue: Hi Fan Speed

Red: Low Fan Speed



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

The BFN 801 meets the ANSI/ESD S20.20 requirements of Offset voltage as tested per ANSI/ESD STM3.1.

Model 801	Specifications
Power Input	120 V AC, 60 Hz., 36W 220 V AC, 50Hz. (Special Order)
Effective Coverage	1'x5' area coverage
Typical Balance	±10 volts
Typical Decay Time	1000V—100V, < 2 seconds @12", fan speed on high
Indicators	ON/OFF status light
Emitters	Titanium Alloy
Temperature	32-122°F (0-50° C)
Audible Noise	44 dB (A) (Distance 1 meter)
Enclosure	Steel
Finish	Powder coat, off white
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)
Warranty	1-year limited warranty
Certifications	CE

## 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.