

BFN8412 Extended Range Ionizing Blower

Complete Ionization Coverage

The BFN 8412 extended range ionizing blower, with AC technology, provides excellent balance and stability for secure workstation protection. Designed to cover a broad 3' x 6' area, the 8412 uses AC technology to continuously produce a balanced output of positive and negative air ions.

Extra-wide 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 8412 a powerful and reliable ionizer.



Features

- Reliable AC output
- Extended Range
- Integrated emitter cleaner
- Variable fan speed control
- Removable finger guards with auto shut-off sensor
- 3'x6' coverage



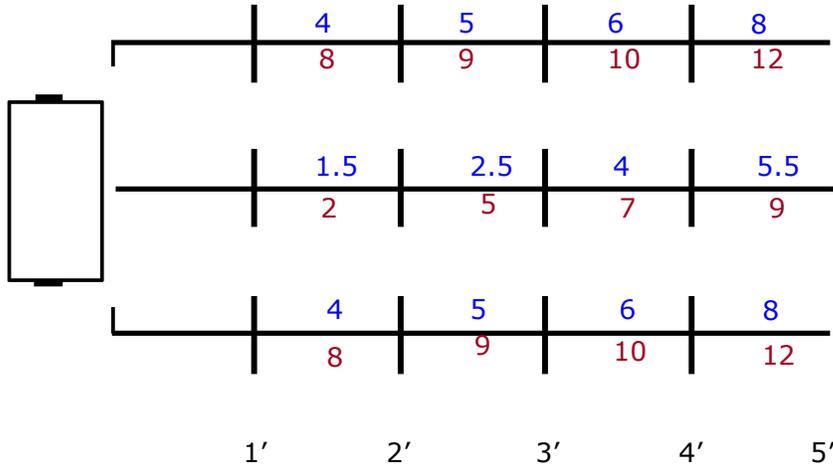
Applications:

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 8412 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 8412 meets the ANSI/ESD S20.20 requirements of Offset voltage as tested per ANSI/ESD STM3.1.

Model BFN8412 Power Input

Specifications

Power Input	120 V AC, 60 Hz., 350W (max)
Air Volume	50CFM-230CFM (low-high)
Effective Coverage	3'x6' area coverage
Typical Balance	±10 volts
Typical Decay Time	1000V—100V, < 2 seconds @12"
Indicators	ON/OFF status light
Temperature	32-122° F
Audible Noise	46 dB (A) (Distance 1 meter)
Enclosure	Steel
Finish	Powder coat, off white
Dimensions	7.28"H x 19.7"W x 7.9"D
Weight	15.2 lb
Warranty	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.

