

## COMMERCIAL/INDUSTRIAL AIR PURIFIERS I-SERIES

### APPLICATIONS:

Healthcare	Government
Education	Fitness
Hospitality	Beauty Salons
Grocery Stores	Manufacturing
Offices	Entertainment
Agricultural	Green/Grow Houses
Food Prep	Dental Offices
Daycare	Lunchrooms



1500iP



Blower with Auto-Cleaning Ionization System

### BREATHE EASY WITH LEADING EDGE, ENERGY-EFFICIENT AIR FILTRATION SOLUTIONS FROM INDUSTRIAL MAID

The I-Series Industrial Air Purifiers are designed to control dust, odors, pathogens and other nuisance airborne particles. These simple effective units have a multi-stage filtration system; Merv 10 pre-filter and Merv 15 multi-pocket main bag or optional HEPA filters, 2" carbon odor banks and the Needlepoint Bipolar Ionization final stage. The media style filters will provide ACTIVE filtration for the dirty air passing through them while the ionizer projects ions into the clean air stream. The ions produced flow into the open spaces, cleaning the air everywhere they travel.

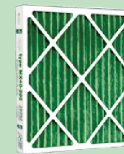
### What is NPBI Technology?

#### NEEDLEPOINT BIPOLAR IONIZATION (NPBI)

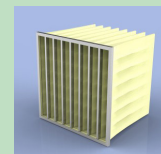
This patented technology uses an electronic charge to create a plasma field filled with a high concentration of + and - ions that replicate those commonly found in nature. These ions travel with the air stream to the space where they attach to particles, pathogens and gases/odors. The ions kill pathogens by robbing them of life-sustaining hydrogen.

*\*An ion is a molecule or atom that is positively or negatively charged, meaning that it has electrons to give or needs electrons to become uncharged, thus becoming stable.*

### FILTERS



Pleated Panel Filter



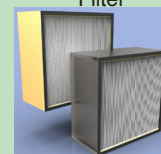
Extended Surface Pocket Filter



Carbon Tray



Poly Pad Filter Rolls



Optional HEPA Filter



Auto-Cleaning Ionization System

### SPECIFICATIONS

Model	Type	Volume (CFM)	Dimensions
1500iP	Portable	1,500	56.7"H x 26"L x 26"D
1500iD	Ducted	1,500	26"H x 66.5"L x 25"D
2000i	Ambient	2,000	25"H x 48.5"L x 25"D
2000iWA	Ambient with extended pre-filter	2,000	27"H x 66.5"L x 27"D
3000i	Ambient	3,000	25"H x 72"L x 25"D
3500i	Ambient	3,500	25"H x 72"L x 25"D

Note: Models include Auto-Cleaning Ionization System

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**Particles** – As the ions attach to airborne particles (including fine, sub-micron particles) they are then attracted to each other. This effectively increases their mass and size making the particles larger and more easily filterable, thus increasing the capture efficiency of your air filtration system.

**Pathogens** – The ions attack and kill mold spores, viruses and bacteria by stealing away hydrogen from the pathogens, inactivating them, and leaving you with clean and healthy indoor air.

**Gases/Odors** – The ions cause chemical, cleaning, and other gases/odors to break down into basic harmless compounds like O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, and H<sub>2</sub>O, leaving the indoor air fresh smelling and free of harmful odor causing VOCs.

**While this NPBI technology is effective in helping with the mitigation of PARTICULATES, PATHOGENS, and GASES/ODORS, the current conditions in the world make PATHOGEN MITIGATION the greatest concern. The following information relates to this technology's usefulness in our current global situation.**

## Effectiveness on pathogens

- Now as never before, pathogen awareness and mitigation have become the highest of priorities as it relates to our personal safety and that of our customers and employees.
- According to a study published on June 2, 2020, by Innovative Bioanalysis, positively charged hydrogen ions generated from NPBI technology and binding to the COVID-19 virus can render 99.4% of viral particles inactivated on a surface after 30 minutes.

## UL Certification

- The patented NPBI technology has achieved the UL 867 Electrostatic Air Cleaner Standard, and UL 2998 Ozone Free Certification.

## 3RD PARTY TESTING SUMMARY

Pathogen	Kill Rate	Test Agency
Coronavirus (COVID-19)	99.40%	Innovative Bioanalysis
Tuberculosis	69.09%	EMSL
Norovirus	93.50%	ATS Labs
MRSA	96.24%	EMSL
Staphylococcus	96.24%	EMSL
Mold Spores	99.50%	GCA
E.coli	99.69%	EMSL

Noteworthy locations where GPS NPBI Technology is used include, The White House, Boston Children's Hospital, Mayo Clinic, Clemson University, Harvard University, Google, Amalie Arena, and the Charlotte Airport.

## FEATURES & BENEFITS

Features	Benefits
NPBI Auto-Cleaning Ionizer	Neutralizes Odors & Pathogens
Polyethylene Cabinet Shell	Lightweight/ Non-Corrosive
Disposable Filters	Low Cost of Ownership
Simple Installation	Low Installation Cost
4-Way Adjustable Louvers	Airflow Pattern Control
Multiple Filter Configurations	Efficiency to Fit Application
Filter Saver Poly Pads (Optional)	Saves on Filter Costs
Filter Service Gauge (Optional)	Indicates Service Interval



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