

COMMERCIAL AIR PURIFIERS I-SERIES MINI

APPLICATIONS:

Office	Conference Rooms
Medical Office	Dining Rooms
Dentist Office	Green/Grow Houses
Fitness	Restaurants & Bars
Break Areas	Beauty Salons
Hotel Rooms	Pet Clinics
Reception Areas	Bus/RV's/Campers
Waiting Areas	Marine
Water Damage	



11" Utility Fan
FN15

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

The I-Series Mini Air Purifiers are designed to kill bacteria, mildew, mold, and fungus. Additionally, they control odors, and neutralize viruses, including SARS-CoV-2. These simple effective units use Needlepoint Bipolar Ionization technology to project 200 million ions per cubic centimeter per second into the air stream. The ions flow into open spaces helping to deactivate pathogens. This technology meets the UL 2998 Ozone-Free standard, so it is safe to operate continuously in occupied spaces.

What is Needlepoint Bipolar Technology?

NEEDLEPOINT BIPOLAR IONIZATION

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 in the space where they attach to particles, pathogens and gases/odors. The ions neutralize 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.*

TECHNOLOGY COMPARISON

Comparison	I-Series	I-Series Mini	UV	Filters alone
Neutralize Pathogens (including COVID-19)	Yes	Yes	Yes*	No
Kills Mold and Fungus	Yes	Yes	Yes	No
Control Odor & VOCs	Yes	Yes	Yes*	Carbon
Control Dust, Smoke, & Fumes	Yes	No	No	Yes
Safe for use in Occupied Spaces	Yes	Yes	No	Yes

* Sufficient contact time is required to kill pathogens and inactivate VOCs.

SPECIFICATIONS

Volume	1100 CFM
Voltage	115 VAC
Dimensions	16.1" X 14.2" X 8.9"
Speeds	4 Speed
Airflow Distance	Up To 120'
Operating Position	360 Deg. Rotation
Auxiliary Outlets	with Circuit Breaker

COMMERCIAL/INDUSTRIAL AIR PURIFIERS I-SERIES

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 HVAC system.

Pathogens – The ions help reduce the number of bacteria, mold spores, and viruses by stealing away hydrogen from the pathogens, inactivating them, and leaving you with clean and healthy indoor air.

Gases/Odors – The ions cause chemical, food, and other gases/odors to break down into basic harmless compounds like O_2 , CO_2 , N_2 , and H_2O , leaving the indoor air fresh smelling.

Needlepoint Bipolar Ionization technology is effective in helping with the mitigation of PARTICULATES, PATHOGENS, and GASES/ODORS.

Effectiveness on pathogens

- The ionization process helps inactivate pathogens, including SARS-CoV-2, in the air. There have been several tests conducted that show that ionization lessens SARS-CoV-2 and other pathogens in the air.

UL Certification

- The patented Needlepoint Bipolar Ionization technology meets the UL 867 Electrostatic Air Cleaner Standard, and UL 2998 Ozone Free certification standard.

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 Needlepoint Bipolar Ionization 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
Ionizer generates > 200 million ions cm^3	Neutralizes Mold, Pathogens & VOC's
Whisper quiet motor	Quiet operation
Not a source of (EMI) electromagnetic interference	No interference with electronics
Easy to Install	Plug and play operation
No filters or bulbs	Maintenance free
Small form factor	Compact design
UL 2998 Ozone-Free Certified (<0.005 ppm)	Safe to use in occupied areas 24x7
Warranty	1-Year

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