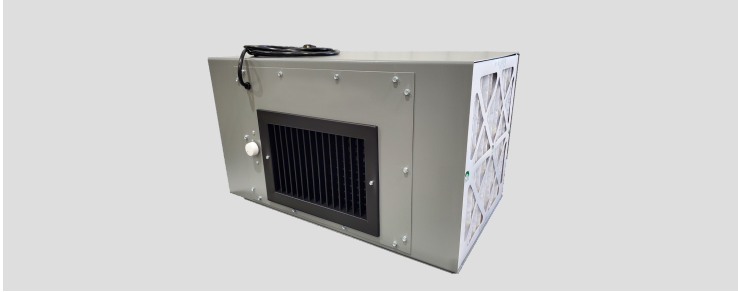




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Industrial Strength Ambient Air Cleaners

BSE-AIRMINI Ambient Air Cleaner - 1100 CFM



Specifications

Dimensions	28" W x 16" H x 16" L
Weight	60 lbs
Power	115V/1/60
Amps	3.8
Wiring	3 Prong With 10 Feet of Cord
CFM - Maximum	1100
Motor	1/4 HP PSC
Cabinet	16 Gauge Steel
Finish	Gray Powder Coat
Speed Control	Variable Controller
Air Flow	T-Pattern
Decibals	55 dBA at 5'
Warranty	1 Year*, Excluding Filters

Part #	Filtration
BSE-AIRMINI	(2) 2" MERV 10 Pleated Filters
	NPBI Included

Part #	Options
BSE-MAG	Magnehelic Pressure Gauge 0-2" W.C.
BSE-WALLKIT	(2) Wall Mounting Brackets
BSE-CEILINGKIT	Hanging Kit (chain, eye bolts, and snap links)

Features:

- Made in the USA
- 2 to 3 week lead times
- Optional Needlepoint Bipolar Ionization has a 99.4% reduction rate against airborne COVID-19 surrogate virus, in 3rd party testing
- Minimal installation & maintenance

APPLICATIONS: Provides efficient removal of airborne contaminants, odors, and pathogens.

METHOD OF OPERATION: Dirty air enters both sides of the collector and is trapped in the filters and clean air is exhausted.

INSTALLATION: Suspend from the ceiling with chains/threaded rod, hang on the wall with brackets, or put on a shelf.

KEY BENEFITS

- Effectively removes contaminants and pathogens.
- NPBI has a 99.4% reduction rate against the COVID-19 surrogate virus (SARS-COV-2).
- Small, compact unit suitable for offices and other commercial areas.
- Reduce housekeeping by filtration with airborne particles that settle on furniture.

SIZING EXAMPLE: A doctor's office/reception area is 20' x 30' x 12' tall, which equals 7,200 cubic feet.

7,200 x "air changes per hour needed." Use 6 for light to moderately used areas and 8 for high traffic areas. 7,200 x 6 (light to moderate) = 43,200.

43,200 divided by 60 minutes per hour = 720 cfm required for all the air in the room to cycle through the filters 6 times an hour. The AIRMINI is rated for 1,100 cfm, so 720 divided by 1,100 = 0.65 units required.

For this application we would recommend (1) AIRMINI mounted in the room.



IONIZATION (NPBI)

BSE's ambient air cleaners with ionization are designed for use anywhere that fine airborne contaminants, odors or pathogens are a concern. The multiple stages of filters in our units provide “active” filtration of the dirty air passing through them, while the ionizer projects ions via the exhaust air to provide “passive” air filtration outside of the unit.

NPBI – The patented Needlepoint Bipolar Ionization (NPBI) technology utilized in our units uses an electronic charge to create a plasma field filled with a high concentration of + and – ions. As these ions travel with the air stream they attach to particles, pathogens and gases. The ions help to agglomerate sub-micron particles. This makes them filterable, kill pathogens by robbing them of life-sustaining hydrogen, and breaks down harmful VOCs into harmless compounds like oxygen, carbon dioxide, nitrogen, and water vapor. This process maximizes the overall effectiveness of the units to safely clean the air inside your building. These ionizers are all UL2998 & UL867 approved, meaning no harmful ozone is produced.

3rd Party Testing – In 30 minutes, 99.4% of the viral particles became inactive. Even better news is that this technology is the only one currently on the market that was tested with the actual COVID-19 virus (SARS-CoV-2) that causes the COVID-19 illness.

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

FILTERS

Filters – (2) 2" Pleated filters, MERV 10

All filters are disposable and easy to access within the unit, allowing for quick and simple maintenance.