

## IonAir 1600

The Monitair IonAir 1600 is a self-cleaning needlepoint bipolar ionizer that produces positive and negative ions neutralize harmful pollutants like viruses, bacteria, and odors indoors.

This compact unit automatically removes dust and dirt build-up on the needles eliminating the need for maintenance. It can be easily mounted at the fan inlet of almost any air handling system including AHU, VAV systems, fan coil units and VRF systems.

Proven to remove  
**99.9%**  
of Coronavirus



## The World's Leading Bipolar Ionization Technology



### Ion Output

World leading 1010 ions per second.



### Inactivate Pollutants

Inactivates air-borne pollutants: viruses, bacteria, fungus, mold, odor.



### Quick Installation

Easily integrated onto any AC vent with a 5-minute installation.



### No By-products

No harmful by-products like UV-C or spray treatments.

## TECH SPECS

**Ion Output** 10<sup>12</sup> Ions/second

**Weight** 0.3lbs

**Power Input Voltage** 12V DC – 24V DC

**Operating Temperature** +5°C (+41°F) to +55°C (+131°F)

**Dimensions** 89mm \* 97mm \* 24.5mm

**Air Flow (Recommended)** Up to 4,000 m<sup>3</sup>/h

### Monitair

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**Global Offices** | Tel-Aviv, Israel | Hong Kong, China | Silicon Valley, United States | London, United Kingdom

Bipolar Ionization is Proven to **Remove Harmful Pollutants** Indoors



Viruses



Bacteria



Cigarette Smoke



Formaldehyde



Odors



Mold

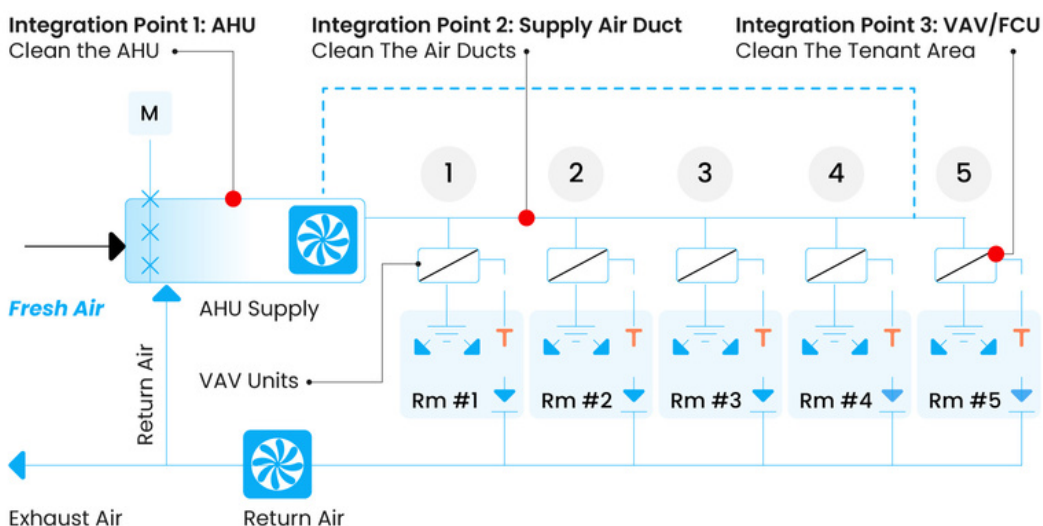


Fine particulate Matter smaller than 0.3 micron



Volatile organic compounds

## How It Works



## Global Lab Testing



| Harmful Substance |                             | Testing Organization             | Removal | Year |
|-------------------|-----------------------------|----------------------------------|---------|------|
| Substance Name    |                             |                                  |         |      |
| Virus             | Coronavirus                 | Sheba Medical Centre, Israel     | 99%     | 2020 |
|                   | Influenza H1N1              | Kitasato Research Center, Japan  | 99%     | 2011 |
|                   | Escherichia Coli ATCC       | Kasetsart University, Thailand   | 91%     | 2011 |
| Bacteria          | Escherichia Coli            | EMSL Analytical, USA             | 99%     | 2011 |
|                   | Escherichia Coli ATCC       | Istanbul University, Turkey      | 91%     | 2011 |
|                   | Staphylococcus aureus(MRSA) | EMSL Analytical, USA             | 99%     | 2013 |
| Fungus            | Aspergillus Niger           | EMSL Analytical, USA             | 97%     | 2011 |
|                   | Dichobotrys abundans        | Prof. Joe F. Boatman, USA        | 90%     | 2006 |
|                   | PenicilliumCladosporium     | Prof. Joe F. Boatman, USA        | 95%     | 2011 |
| Mold              | Cladosporioides             | EMSL Analytical, USA             | 97%     | 2011 |
| Spore             | Bacillus subtilis var niger | Istanbul University, Turkey 2011 | 89%     | 2011 |

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