

The World's Smartest Air Management Platform

A Data-Driven Air Quality Platform Based on User
Behavior Algorithm Through 3 Steps:

1

Detection

Aura detects indoor and outdoor air quality based on real-time monitoring through an array of smart sensors.

Indoor:

Smoke, CO, CO₂, VOC, PM 2.5, PM 10, Temperature, Humidity.

Outdoor:

CO, NO_X, NO, NO₂, O₃ (Ozone), Allergies, VOC, PM 2.5, PM 10, Temperature, Humidity, Weather & Weatherforecast.

2

Personalization

A unique air quality assistant that personalizes the Aura device precisely to the end-user needs and health necessities. After completing the questionnaire, the Aura device will take action and provide relevant recommendations, customizing the device based on the end-user personal profile.

3

Filtration & Disinfection

Aura filters and disinfects air through 4 unique stages:

Pre filter:

The pre-filter filters large particles of dust, pollen, insects, animal hair and other large particles.

The Ray Filter:

Our patented filter.

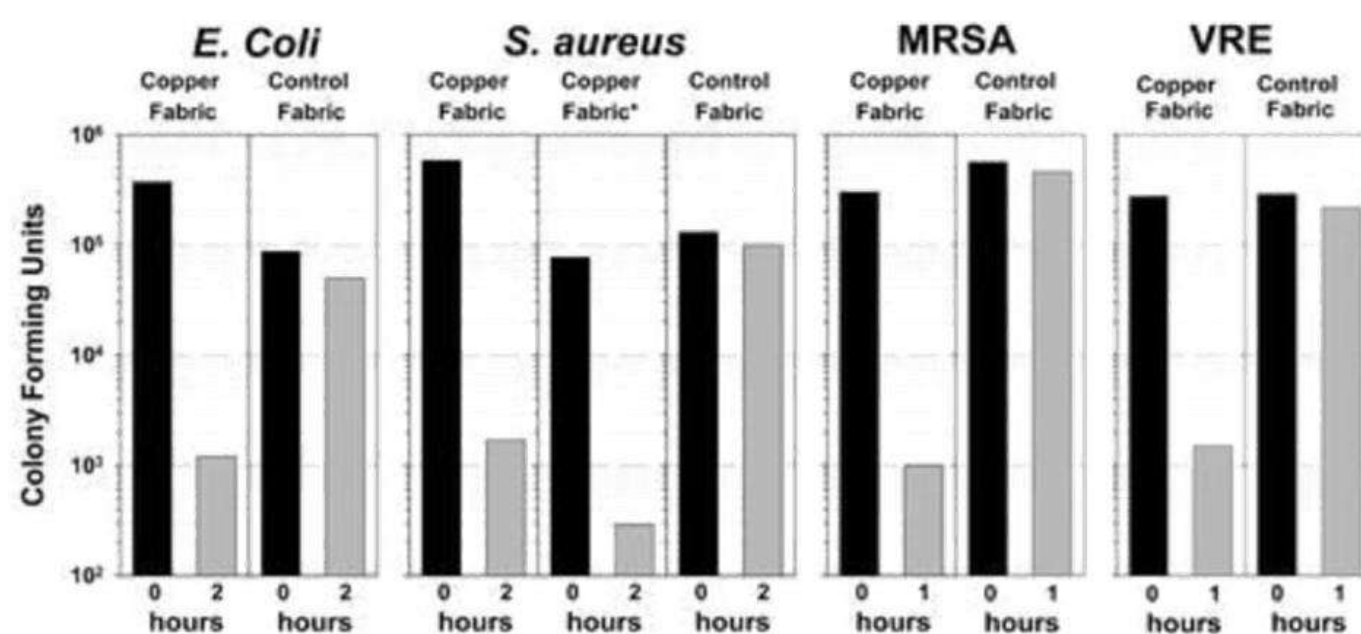
The Ray filter consists of three parts:

HEPA - 99.98% effective particle filter of 0.3 microns.

Carbon layer- absorbs VOC's and bad odors.

Smart Copper Fabric - a smart fabric consisting of a copper layer filter that filters viruses, bacteria, and more.

The efficacy to decrease bacteria, mold and viruses:



The Sterionizer:

A component based on the technology of bipolar ionization. The Sterionizer generates positive and negative ions – just like those found in nature – that purify and freshen indoor air by eliminating the harmful pollutants mentioned above.

The efficiency of the Sterionizer in removing different types of pollutants:

Substance	Substance name	Removal
Bacteria	Escherichia Coli	99%
	Escherichia Coli ATCC	91%
	Staphylococcus aureus	91%
	Pseudomonas aeruginosa	99%
	Staphylococcus aureus (MRSA)	99%
Fungus	Aspergillus Niger	97%
	Candida albicans	36%
	Dichobotrys abundans	90%
	Penicillium	95%
Mold	Cladosporium cladosporioides	97%
Spores	Bacillus subtilis var Niger	89%
Viruses	Influenza H1N1	99%
	Influenza H5N1	99%

UVC LEDs

Effective in neutralizing bacteria, viruses, and parasites by destroying the proteins on the cell membrane.