#2

Using our algorithm - You can control, define, and modify the game - changing functionality of your Aura Air devices according to what matters most to your business.

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#4

Air Quality data is monitored in real-time to provide smart insights and recommendations.

- Enables real-time air quality measurements within the property.
- Customized insights and recommendations to the end-users according to their health necessities.
- Enhancing energy efficiency by distributing fresh air according to CO_2 real-time measurements.
- Air conditioning operation according to the presence of people in the room.
- CO_2 levels as a concentration index for offices/schools.
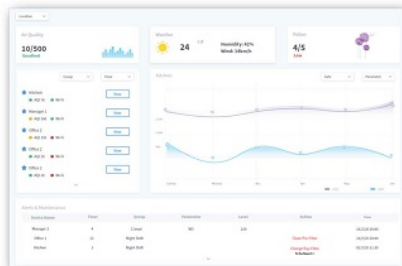
Sheba Medical Center Pilot:

Two years in a row
Sheba is ranked as a world's Top 10 hospital
This year, ranked #9!

WORLD'S BEST HOSPITALS 2020 — Newsweek — statista
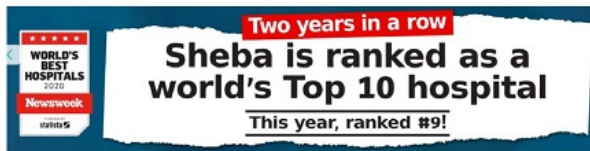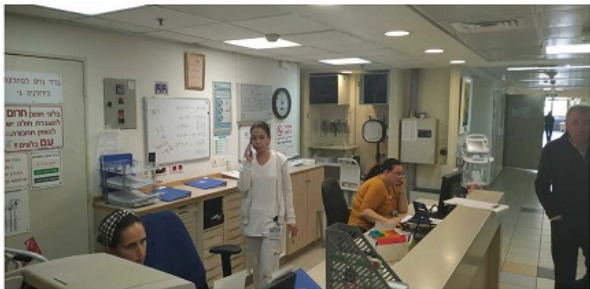
White Paper: July 2020

2. Testing Results:

Results processing: The data measured by the RT-PCR system at # 32 was used to evaluate the results of the experiment. This have been defined as the last point in which measurements of control samples do not show saturation of detector and prevent misunderstanding of the results.

Results:

Sample	Coronvirus Reduction Ratio [%]
Ref.1	
HEPA rep1	99.7243
SCF rep.1	99.9744
Sterionizer ™ LP rep.1	99.9651
Sterionizer ™ HP rep.1	99.9429
UVC LED rep.1	99.9631

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#3

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 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.

UVC LEDs:

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

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Our Partners:

Incubation results of the control plates
December 31st ,2019

Incubation results of the
Ray Filter™+ Sterionizer™+ UVc LEDs plates
December 31st,2019

Coronavirus Clinical Trials:

> **Indoor air pollution is a GLOBAL PUBLIC EMERGENCY. It threatens everyone**
>
> United Nations, 2019

Specification

Air Exchanges Per Hour:
2.5

Voltage:
110-240 V

Format:
Wall or ceiling

Wireless Communication:
WiFi

Height:
15 inch/ 15 inch / 6 inch
37.5 cm/ 37.5 cm / 15 cm

Weight:
12.1 lbs / 5.5 Kg

Max Noise level:
64 dB

Recommended Room Size:
600 ft2
55 m2

reddot award
product design

The Ray 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:

Copper compound

Copper compound
Bacteria
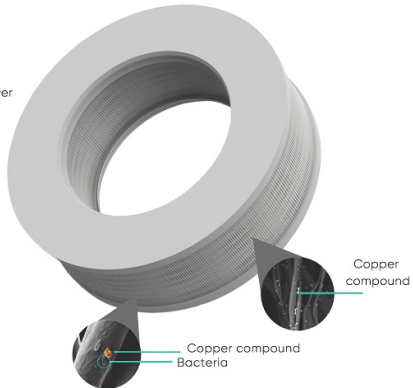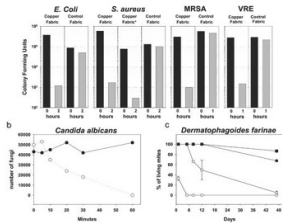
A Data-Driven Air Quality Platform Based on User Behaviour Algorithm Through 4 Steps:

#1

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
NOX
NO
NO2
O3 (Ozone)
Allergies
VOC
PM 2.5
PM 10
Temperature
Humidity
Weather & Weather forecast

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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	99%
	Staphylococcus aureus	99%
	Pseudomonas aeruginosa	99%
	Staphylococcus aureus (MRSA)	99%
Fungus	Aspergillus Niger	87%
	Candida albicans	96%
	Dichtobotryus obumtum	95%
Mold	Penicillium	95%
	Cladosporium cladosporioides	97%
Spores	Bacillus subtilis var Niger	99%
Viruses	Influenza HINI	99%
	Influenza H5N1	99%

HOTEL
Hotels & Hospitality

Educational Institutions

Commercial Property

Healthcare Centers

Co-working spaces

Multi-Family Residential

Transportation

Nursing & Rehabilitation Homes

Suitable Everywhere

Maximum fit for each space according to its size and needs. Group your devices by Organization, Location, and Floor to simplify operations.

Aura Air

The World's Smartest Air
Management Platform

Our Partners: