

#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.

The image displays two overlapping screenshots of the Aura Air web interface. The background screenshot shows the main dashboard with a sidebar menu on the left containing 'Dashboard', 'Data', 'Group', 'Floor', 'Reports', 'Rules', and 'Users'. The foreground screenshot is a modal window titled 'Add New Rule' with the following fields and options:

- Location: [Text Input]
- Floor: [Text Input]
- Group: [Text Input]
- Triggers: A list of sensors with checkboxes and 'Min'/'Max' labels:
 - Temperature (°F)
 - Humidity (%)
 - PM 2.5 (µg/m³)
 - PM 10 (µg/m³)
 - TVOC (ppb)
 - CO2 (ppm)
 - CO (ppm)
- Actions: A section labeled 'SELECT ACTIONS' with an 'Add Action' button.

The main dashboard screenshot shows the following components:

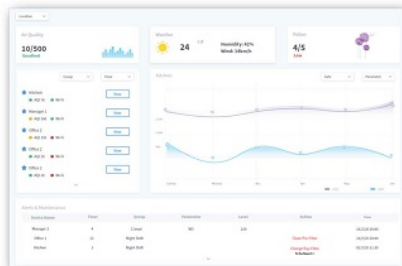
- Air Quality:** A large display showing '10/500' and a bar chart.
- Weather:** A sun icon, '24 °F', and 'Humidity: 42% Wind: 14km/h'.
- Floor:** A display showing '4/5' and a flower icon.
- Rules:** A list of rules for 'Kilban' and 'Office 1-3' with 'Min' and 'Max' values and 'New' buttons.
- Charts:** Two line graphs showing data trends over time.
- Table:** A table titled 'Floor 1 - Maintenance' with columns for Device Name, Floor, Group, Parameter, Level, Action, and Time.

Device Name	Floor	Group	Parameter	Level	Action	Time
Manager 1	4	C-level	NO	50		14:22:30 14/08
Office 1	11	Night Shift			Clear Pet Filter	14:22:30 14/08
Kilban	5	Night Shift			Change Filter Tidy Base	14:22:30 14/08

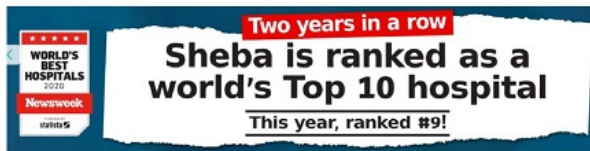
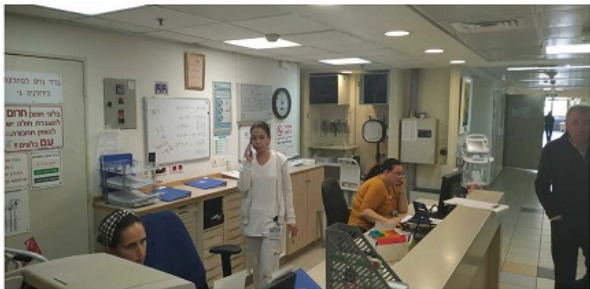
#4

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 CO2 real-time measurements.
- Air conditioning operation according to the presence of people in the room.
- CO2 levels as a concentration index for offices/schools.



Sheba Medical Center Pilot:



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	Coronavirus Reduction Ratio [%]
Ref.1	
HEPA rep.1	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

#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.



Our Partners:



רשות החדשנות
Israel Innovation
Authority



//FAIRSTEAD

THE PENINSULA
HOTELS



LEXINGTON
PARTNERS LLC



STANLEY
Healthcare

TRAVELERS



SILVERSTEIN
PROPERTIES

AARP





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



reddot award
product design

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

The Ray Filter™

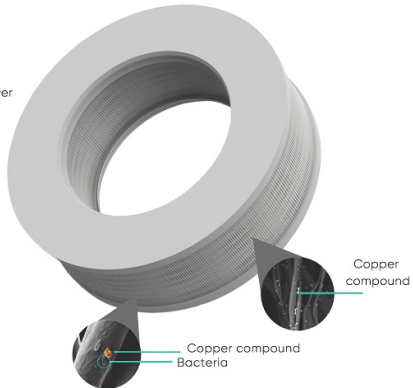
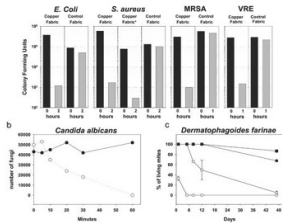
The Ray Filter™ consists of three parts:

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:



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

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:

Substancia	Substancia name	Removal
Bacteria	Poliovirus-Coli	99%
	Escherichia-Coli ATCC	99%
	Staphylococcus aureus	99%
	Pseudomonas aeruginosa	99%
	Staphylococcus aureus (MRSA)	99%
Fungus	Aspergillus niger	97%
	Candida albicans	98%
	Dichotryum abundant	99%
	Penicillium	99%
Mold	Cladophorium chlorocarpoides	97%
Spores	Botrytis cinerea var Nigra	99%
Virus	Influenza H5N1	99%
	Influenza H1N1	99%

Refrigerator **without**
the Sterionizer filter 2 weeks



Refrigerator **with**
the Sterionizer filter 2 weeks





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:



רשות החדשנות
Israel Innovation
Authority



//FAIRSTEAD

THE PENINSULA
HOTELS



LEXINGTON
PARTNERS LLC

SHELBOURNE

STANLEY
Healthcare

TRAVELERS

JLL



UBS

LAZ
PUBLISHING

Carrier



SILVERSTEIN
PROPERTIES

AARP

