



U.S.D.T.  
U.S. DEFENSE TEAM



# PURIFYING SPACES

The Next Generation of Effective, Safe, Bio-Sanitization



Cost-effective



Certified non-toxic  
& safe ingredients



Effective & stable



High applicability  
including high-risk settings such as  
hospitals & food processing  
environments



Non-corrosive



Extended shelf  
life up to 2 years



Electrolyzed water (EW) sanitization solutions have surged in popularity as novel broad-spectrum sanitizers due to their highly effective protective properties against an array of pathogens. Purefic's full line of electrolyzed water bio sanitation products are 100% natural, safe for human beings and the environment. We offer customizable sanitization programs to facilitate the needs of any industry and offer variable size models that are tailor-made for any size traffic volume.

- The Disinfection and Sanitation spraying system was designed to promote hygienization by disinfecting areas and people passing through via an integrated spray network that targets defined areas and is capable of spraying purified solution to provide maximum protection against bacteria and viruses for all people who pass through.
- The spray network will help communities fight against COVID-19 and other possible bacteria and viruses by vigorously cleaning and sanitising all areas. The system sterilizes the entire space - even aspects that are not directly exposed to the nozzles - thereby decreasing disease transmission without interfering with their day to day activity.
- The main purpose of this project is to help prevent the spread of COVID-19 and promote general health and well-being.
- Our spray network is using Purific disinfection solution in a non-volatile way, which is most effective in enabling prolonged bactericidal activity and heightened sanitisation of all areas and surfaces.



**COVID-19**



**VIRUS**



**GERMS**

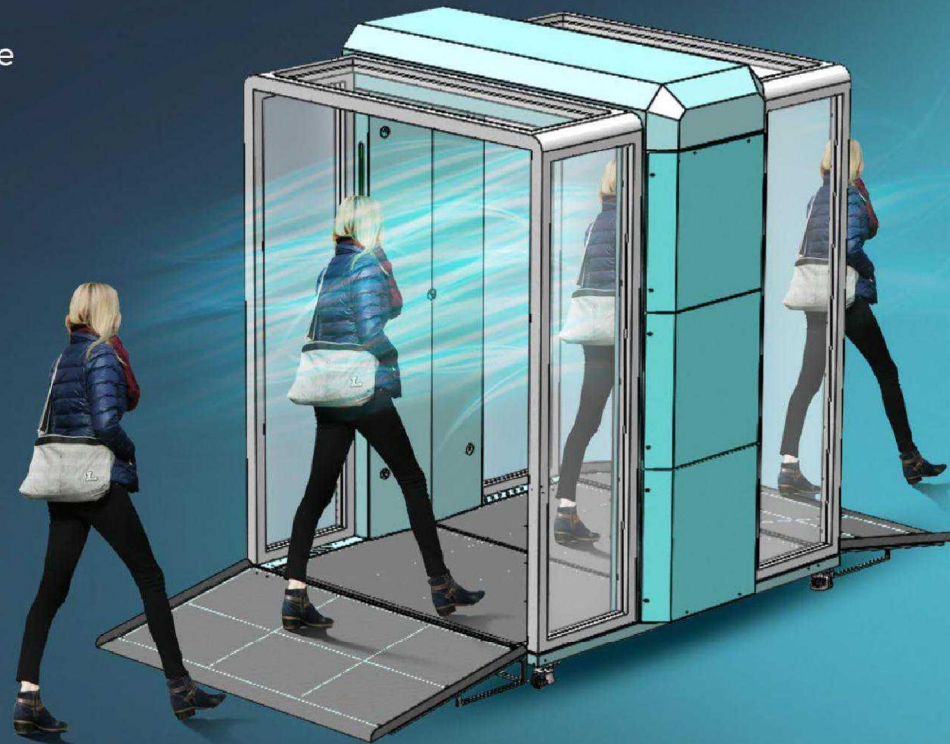


**NON  
TOXIC**



# Sanitary Tunnel

Turn any commercial space into a safe space with our fully customizable full-body disinfection tunnel. Our innovative system easily sanitizes people and their items in seconds with just one step.



Ideal for high traffic areas such as:

- Airports
- Clinics
- Bus stations
- Schools
- Stadiums
- Salons
- Cinemas
- Hotels
- Supermarkets
- Food Factories
- Malls
- Offices
- Cars

And more...









# TOTAL EXTERMINATION OF HUMAN CORONA VIRUS OC43 & SUPERBUGS

- 1) **Effective:** can substantially destroy pathogens such as Salmonella /E.coli/ Candida/CORONA and SUPERBUGS - Log8, up to 100X more efficient than bleach!
- 2) **Eco-friendly:** Tap water based solution, No chemicals, non-toxic, child safe.
- 3) **Flexible platform:** adaptive to size, material, usage - provided with smart management services.

Lab test results: CoronaVirus Bar Ilan University, Israel

**"We tested the human corona virus OC43 which is similar to SARS-CoV-2 As a result, the viruses were completely eliminated."**

Prof. Ronit Sarid  
A researcher of viruses

Lab test results: SUPERBUGS - Poria Hospital, Israel

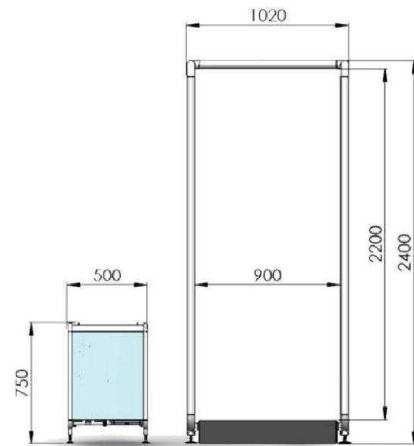
**"... I left the cultures for another incubation time to make sure there is no recovery of the bacteria.. , the material works so quickly ...an excellent effect."**

Dr. Avi Peretz  
President of the Israeli Association of Medical  
Laboratory Sciences

# Tubular

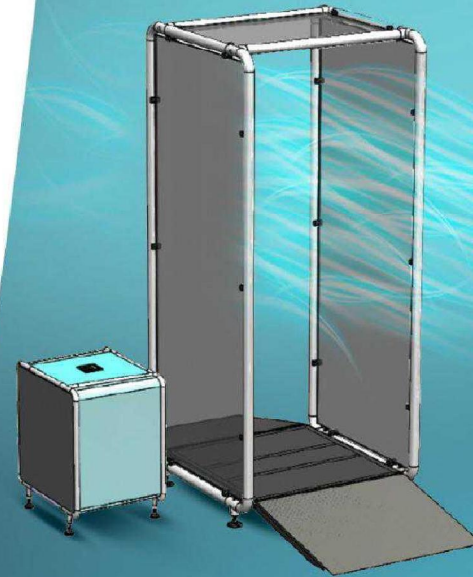
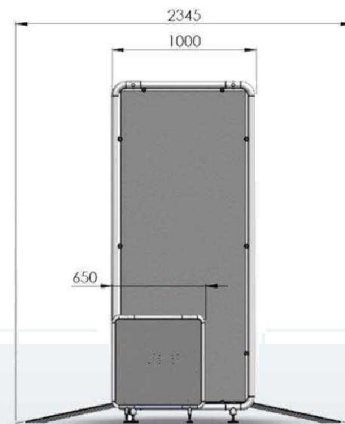
## Tunnel Description:

- Transparent design with smallest layout.
- External operating unit.
- Can be dismantled for storage / transportation.
- Affordable solution.
- One person at a time disinfection.
- Operation triggered by motion sensor.
- Suitable for indoor use only.
- Stable base with levelers.



## Sanitization System Description:

- Use electrolyzed water (EW).
- Active material is hypochlorous acid (HOCl)
- Array of 4 mist nozzles.
- Operated by 1 silent air compressor.
- Sanitization process of 7-10 seconds.
- Output of 100-200 person per hour.



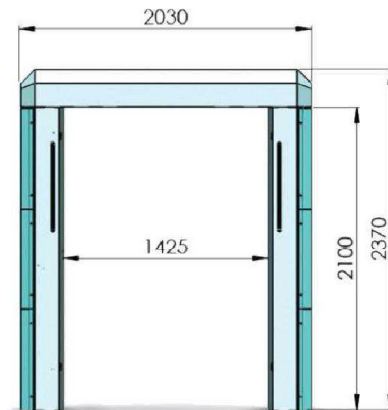
# Small / Basic

## Tunnel Description:

- Basic design with layout.
- One person at a time disinfection.
- Access is regulated by a traffic light.
- Operation triggered by motion sensor.
- Suitable for indoor use only.
- Floor mounting required.

## Sanitization System Description:

- Use electrolyzed water (EW).
- Active material is hypochlorous acid (HOCl).
- Array of 6 mist nozzles.
- Operated by 1 build in silent air compressor.
- Sanitation process of 5-7 seconds.
- Output of 200-400 person per hour.



• COVID-19

• Candida albicans

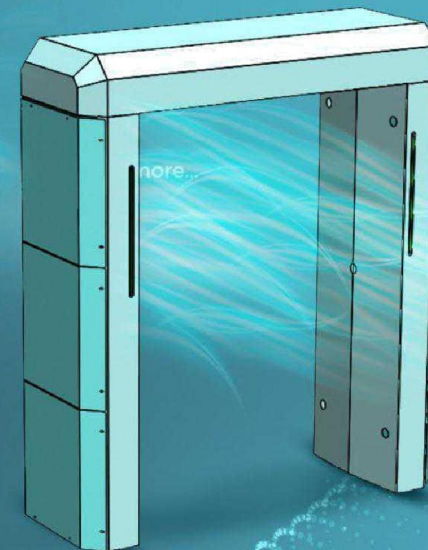
• Bacillus subtilis

• And more...

• Staphylococcus

• Salmonella

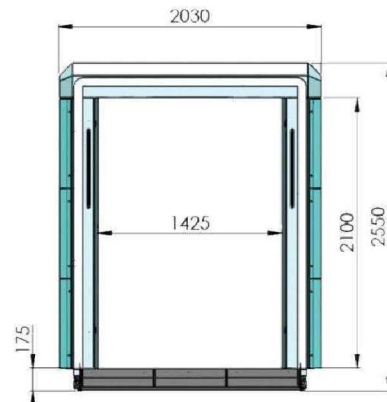
• E. coli



# Medium / Standard

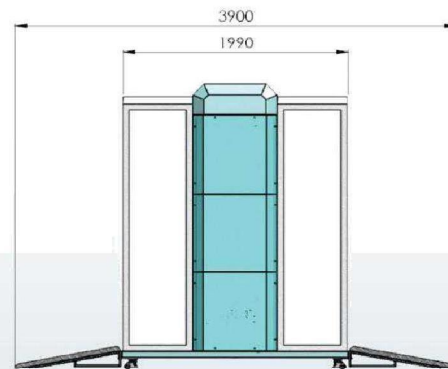
## Tunnel Description:

- Standard design with medium layout.
- The best cost-benefit.
- One person at a time disinfection.
- Access is regulated by a traffic light.
- Operation triggered by motion sensor.
- Suitable for outdoor use.
- Transparent walls for user friendly experience.
- Stable base with wheels and levelers.
- Disabled access ramp.



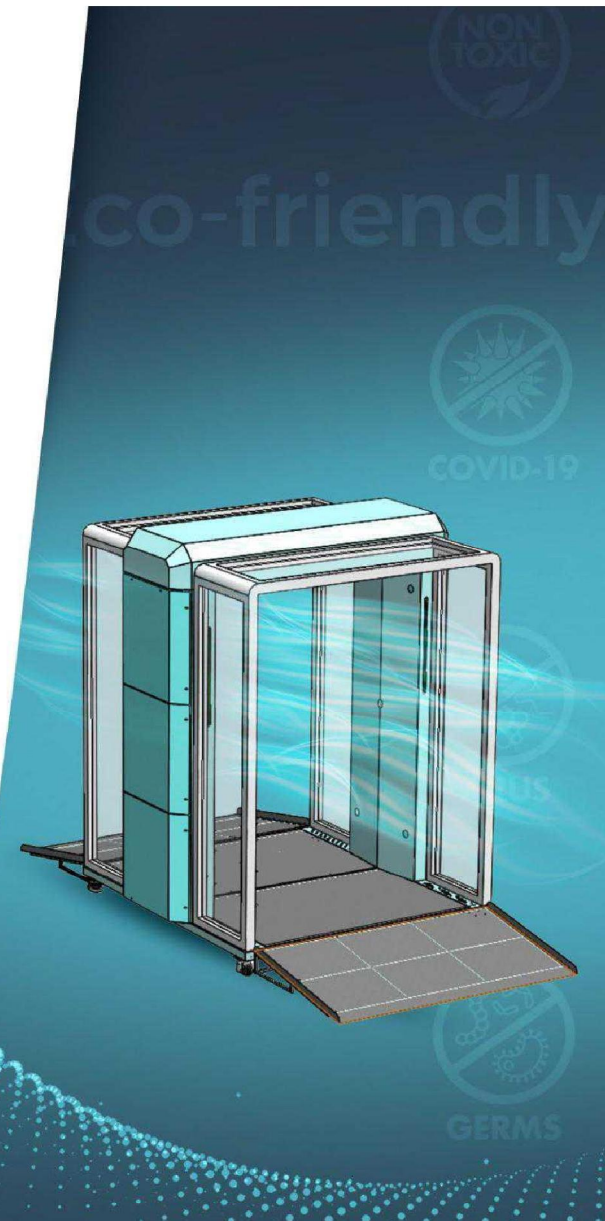
## Sanitization System Description:

- Use electrolyzed water (EW).
- Active material is hypochlorous acid (HOCl)
- Array of 10 mist nozzles.
- Operated by 2 built in silent air compressor .
- Sanitation process of 3 seconds.
- Output of 700-1200 person per hour.



## Optional:

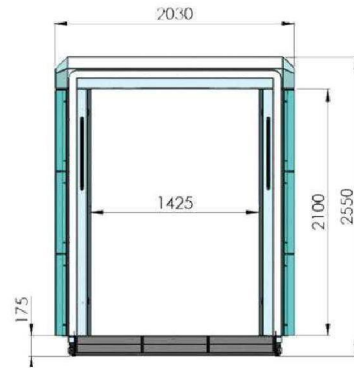
Autonomic sanitation production unit.



# Large / Premium

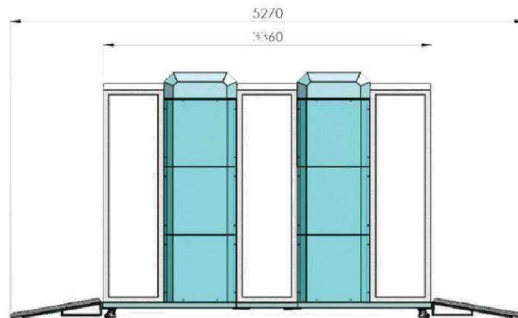
## Tunnel Description:

- Premium design with extra long layout.
- Suitable for high traffic locations.
- Continuous disinfection.
- Operation triggered by motion sensor.
- Suitable for outdoor use.
- Transparent walls for user friendly experience.
- Stable base with wheels and levelers.
- Disabled access ramp.



## Sanitization System Description:

- Use electrolyzed water (EW).
- Active material is hypochlorous acid (HOCl).
- Array of 16 mist nozzles.
- Operated by 4 built in silent air compressor.
- Sanitation process – continuous.
- Output of up to 3600 person per hour.



## Optional:

Autonomic sanitation production unit.



## Additional options



**Temperature  
detection**



**Mask  
Detection**



**Face  
recognition**



**Electrolized Water  
Production Unit**



**Entrance gate**

In addition to entrance traffic light,  
a mechanical gates to control entrance



**Wind curtains**

Enclosure of inner space of a tunnel to avoid wind  
blowing out the mist and increase efficiency.



**Communication system**

Allow sent operation status to control center  
for maintenance, disinfectant supply and real time  
collecting of statistical information.



**Routing system**

A defined paths with a combination of gates  
to direct users allowed or not to pass using  
feedback from temperature, mask existence etc.



**Magnometer**

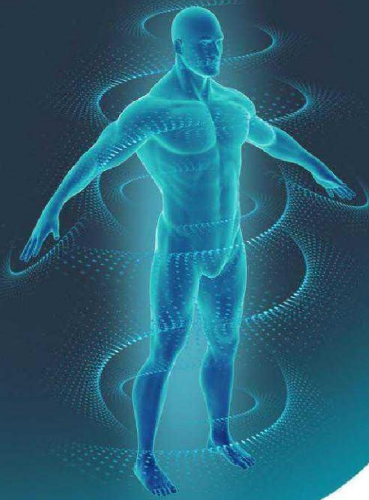
Build in magnometer to avoid entrance  
with weapons.

## > Full body disinfection.

Our 360 degree sanitation coverage covers all areas of the body, including those areas that are not directly exposed to the sanitation nozzles.

The material that we use does not cause irritation to the skin or the eye. Because we control the drop size and flow of the products, we ensure that the product will not go into the breathing system.

**Stable Water-Based Solution:** A superior disinfectant agent due to its lack of chemicals.



## Our Advantages vs Our Competitors



- ✔ Non-Toxic & Non-Hazardous
- ✔ Safe For People
- ✔ Safe For The Environment



**Stable Water-Based Solution**  
Superior disinfectant agent without all the chemicals



**Non-Flammable**  
Alcohol & Chemical Free



**Non-Corrosive**



**High Traffic with no bottlenecks**



**Suitable for indoor outdoor and any weather condition**



**High Applicability**  
including high-risk settings such as hospitals & food processing environments



**Cost-effective**



> No additional sanitation is required.



> Industrial standard materials that are made to last.



> Low maintenance and reliable.

**We provide**



› **For People**

› **For Indoor Air and  
Space purification**

› **For Surfaces**



### Plug & Play Sanitization Station

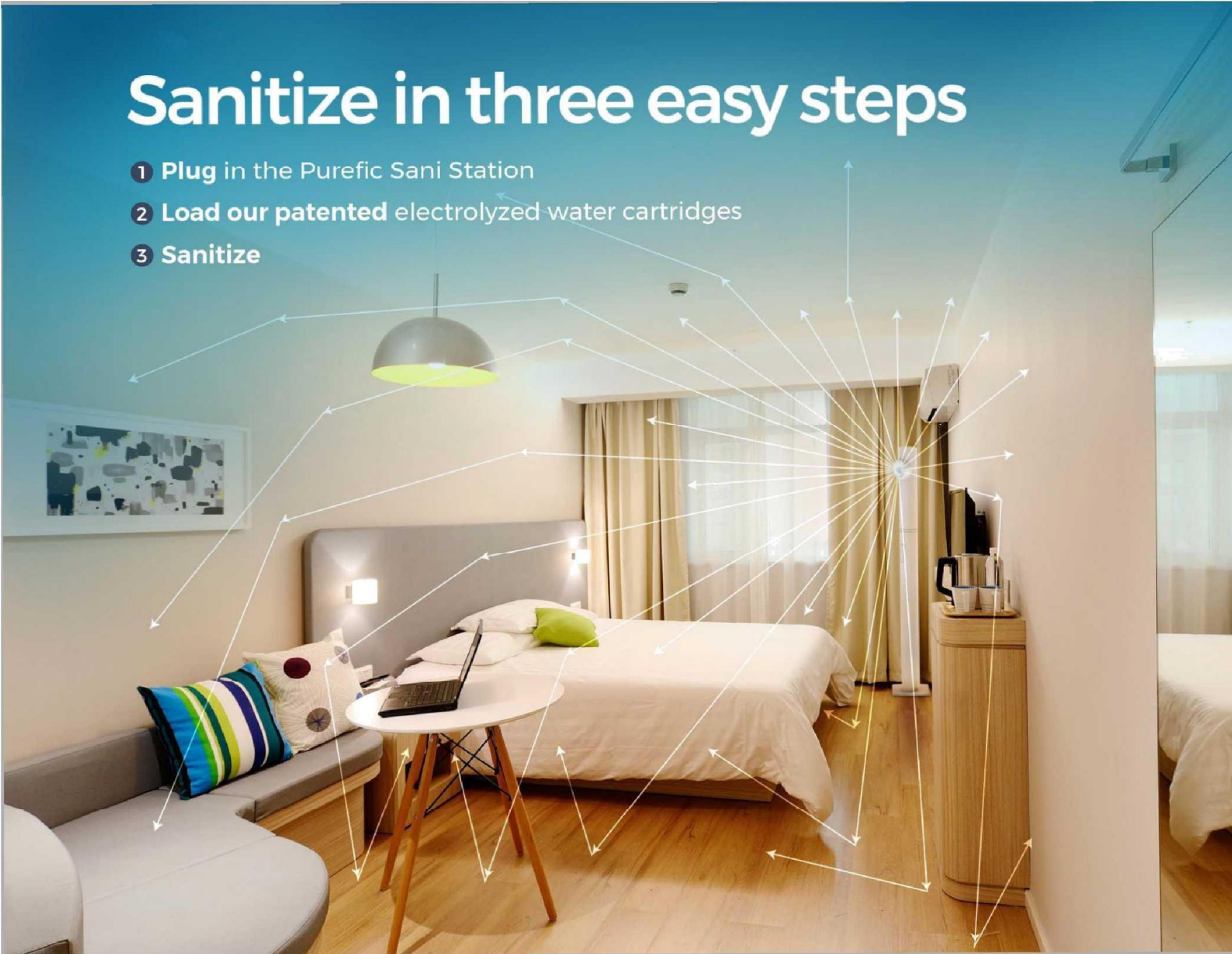
Disinfect and tackle areas of any size with our patent pending, non-toxic, spray solution.

- Automatic sensor-based detection and application
- Variable spray settings
- Easy set-up, add the cartridge and go.

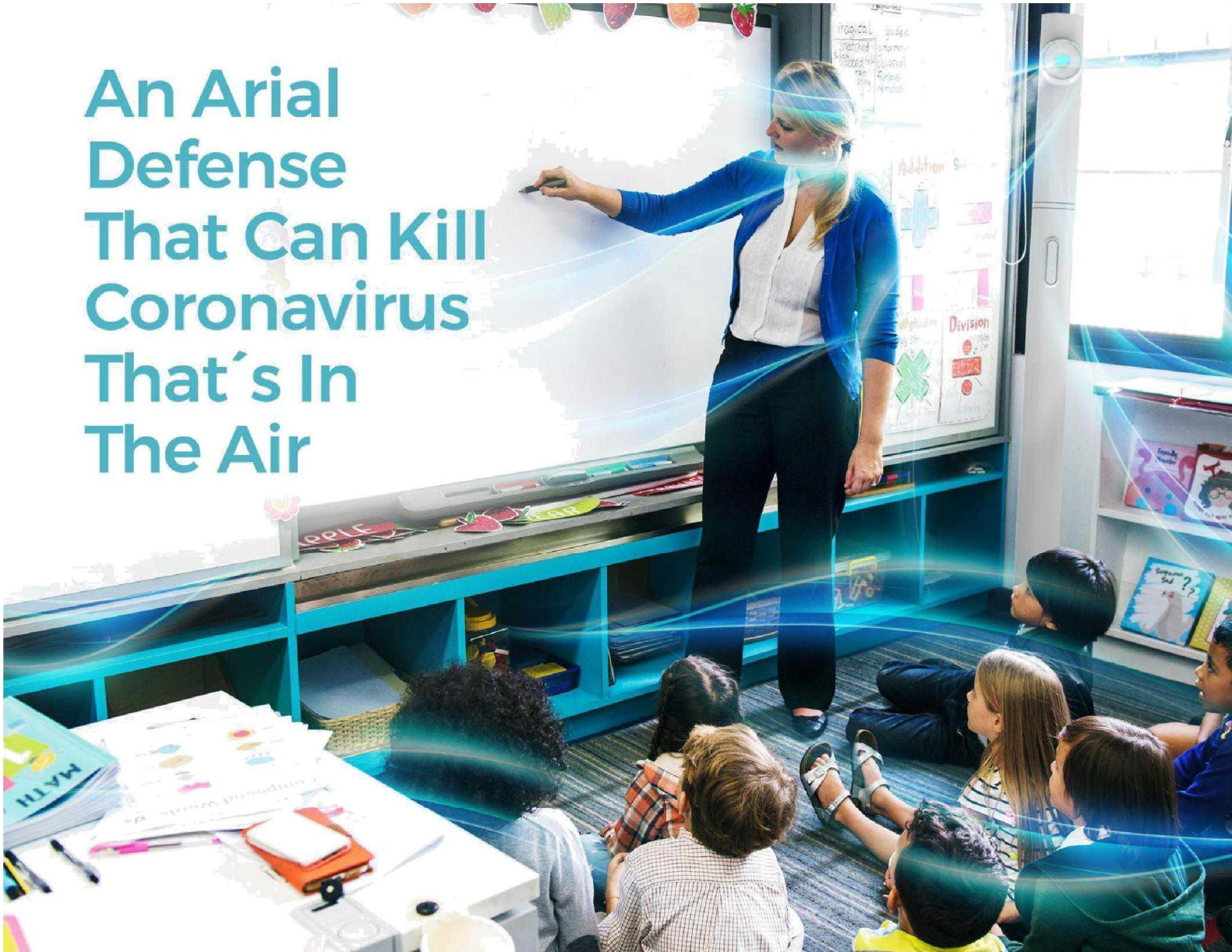


# Sanitize in three easy steps

- 1 **Plug** in the Purefic Sani Station
- 2 **Load our patented** electrolyzed water cartridges
- 3 **Sanitize**



# An Arial Defense That Can Kill Coronavirus That's In The Air






# PEOPLE FORGOT FAST

people are forgetting fast when they go back to reality that they still need to wash hands and be safe. So with our system we create an sanitation solution that don't Interfere with day to day activity and we still protect you.

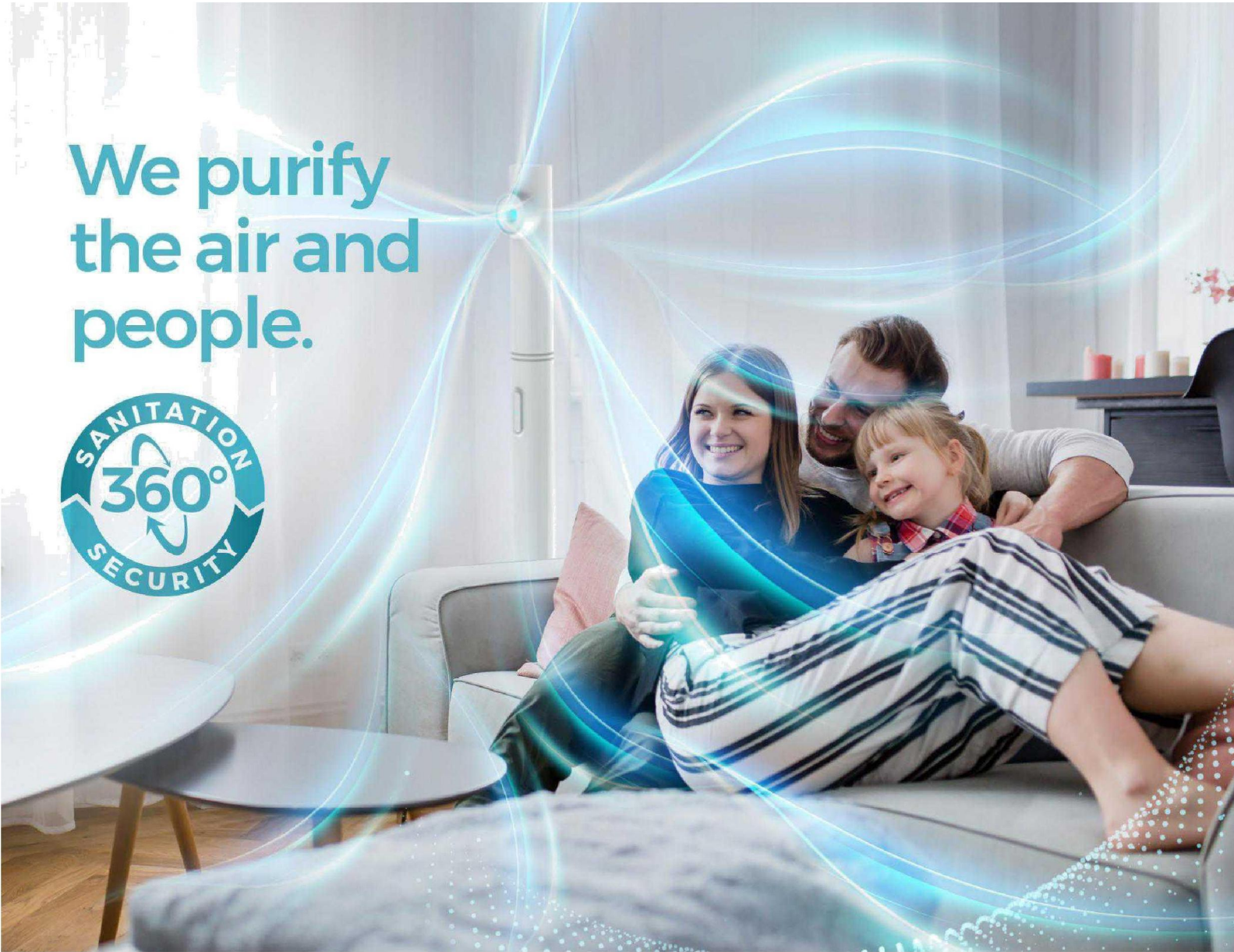




A person can clean a surface every time it gets used but fail to protect themselves from Coronavirus that is in the air. This can allow coronavirus spores to land on their clothing, hair, skin, and accessories.



We purify  
the air and  
people.





# EFFECTIVE



Can substantially destroy pathogens such as Salmonella/ E. Coli/Candida/CORONA and SUPERBUGS-Log8, up to 100X more efficient than bleach!







# SANITATION SECURITY

Coronavirus stays in the air for up to 8 minutes, meaning we need to spray public areas constantly. Our devices sanitize continually, preventing as many infections as possible.



# Our Water

## WHAT IS HOCL and why its the best solution for our tunnels:

HOCL is a natural part of our internal defense system, produced by white blood cells. When produced outside the body, HOCL is an electrolyzed, antimicrobial, biocide solution that inactivates pathogens such as bacteria, viruses, spores, and fungi.

- Works to fight infection, control responses to injury, and enhance healing
- Part of the healthy response to injury and recovery
- HOCL consistently shows no adverse effects
- Will not irritate or aggravate tissue damage at wound sites
- Safe for use on humans and animals

## HOCL: Real science in the human body

Harmful pathogens, such as bacteria, spores and viruses, can be found all around us – in the air, on food, plants, animals, and on inanimate surfaces. The human body uses innate, non-specific mechanisms as the first line of defense against pathogens, infection and injury. The skin itself, and mucous secretions at epithelial membranes, are both important elements of the innate resistance response. But when these are breached, HOCL is immediately generated by the body in response as the key chemical component of innate immunity.

## The goal of use

Prevention of spreading infectious disease by using, available and simple to use disinfectant solution which contains very low amount of active material, and therefore, is not harmful to the environment.

The active material concentration is extremely low (0.0005-0.02% w/w) which is significantly lower compared to other available disinfectants products (bleach, alcohol, chlorohexidine) which makes this product extremely safe and therefore, this material can be applied frequently in the presence of people, thing that strategy will lower the chances of virus spreading.





For additional information on Purefic please contact the authorized agent U.S. Defense Team at the following information listed below:

Contact

5.1.2e

5.1.2e

WhatsApp and Signal

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