



"REVOLUTIONAZING AIR PURIFICATION WITH COLD PLASMA TECHNOLOGY"

# About Us

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Sin Fronteras Medical Supplies is an international company based in Miami, we are constantly connecting buyers, governments and health institutions from around the world.

We are contractors for the United States Federal Government (CageCode: 8RKM5), a United Nations (UNGM), an FDA license to import Medical Devices, Clinical Laboratory Improvement Amendment Certificate (CLIA ID:10D2246287), Shipping Infectious Substances AITA & DOT Certificate#129419, vendor to the Florida State Government through MyFloridaMarketPlace (MFMP) and Minority Business Certificate.

We are authorized distributors of several high-quality products with new innovations technologies.

# Core Competence

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- Medical Devices Master Distributor
- Anti-bacterial/Virus Air Purifier Cold Plasma Technology
- R&D Biological Reagents Monoclonal, Polyclonal Antibodies
- Certified for shipping Infectious Substances IATA and DOT
- Test kit: PCR covid-19, Antigen, Colon Cancer, Drugs, Dengue, Zika, Pregnancy, Ovulation
- Advice on the complete process for the development of new products includes the stages of cost structure, design, manufacture and distribution of the final product.
- Hemodialysis machines and kits.
- Colon Cancer Test & FDA Medical Devices
- Gasification Treatment plant Cold Plasma Technology for Hospitals
- Consulting in hospital design and construction projects.

# Certificates and Strategic Partners



# Statistics & Information

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- 25 Millions USA resident Suffer Respiratory Allergy
- 21 Millions Adult
- 4 Millions Children under 18 years old
- Global Warming, Pollutions, Population, CO2 raise, Extremely Hot and Dry conditions also exacerbate fungal allergies, especially as more people rely on air conditioning, bad maintenance create mold.
- Mold take 24 to 48hrs to grow after a flood (EPA)
- Children and residents with low immune system should not be expose to mold or indoor with water leak.
- Asthma cost the U.S. Economy more than \$80 Billions per year in Medical expenses, missed work and Schools days and deaths according to a research by American Thoracic Society.

## ***WHAT IS PLASMA?***

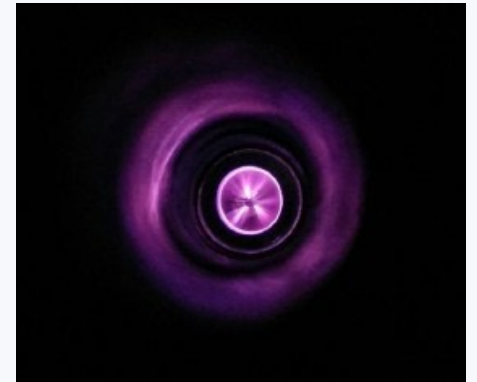
Plasma is the fourth element of matter

99.9% of the observable matter in the universe is plasma, a fluid state that, unlike gas, is made up mainly of charged particles.

It's a technique of cleaning air that separates ions into negative and positive, to get a reaction of them snapping back together because of polarity.

The result is need for clusters of ions that includes any air pollution that is in around when the cold plasma air cleaning technique is applied.

By emitting a same quantity negative and positive ions, a cold plasma air purifier causes an atmospheric disruption in the air that causes the air to be its own filter.



Descarga de Plasma  
dentro del Purificador

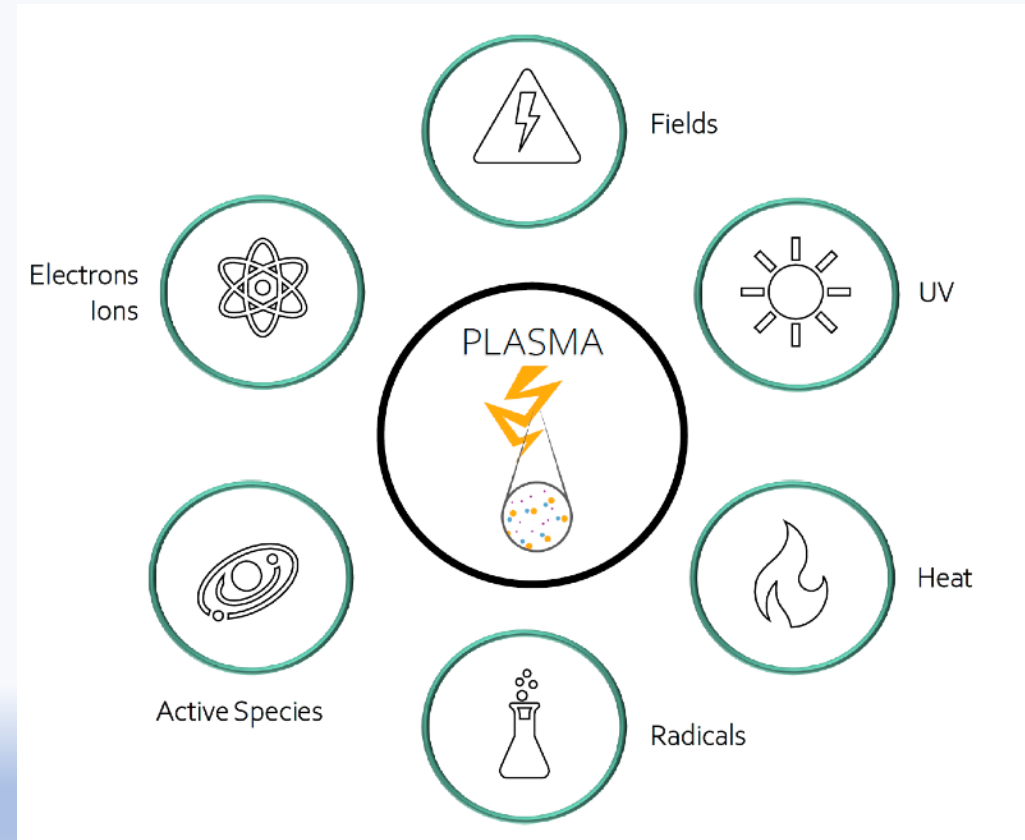


## ***PURIFY THE AIR***

Air purifiers through plasma have proven their effectiveness in many spaces and have been subjected to studies in hospital environments, where data shows that non-thermal plasma air treatment units can significantly reduce the biological load in the air in high-risk environments.

### ***7 Disinfection Mechanism***

- **Electrons**
- **Ion**
- **Active Species**
- **Radicals**
- **Heat**
- **UV**
- **Electric and Magnetic Fields**

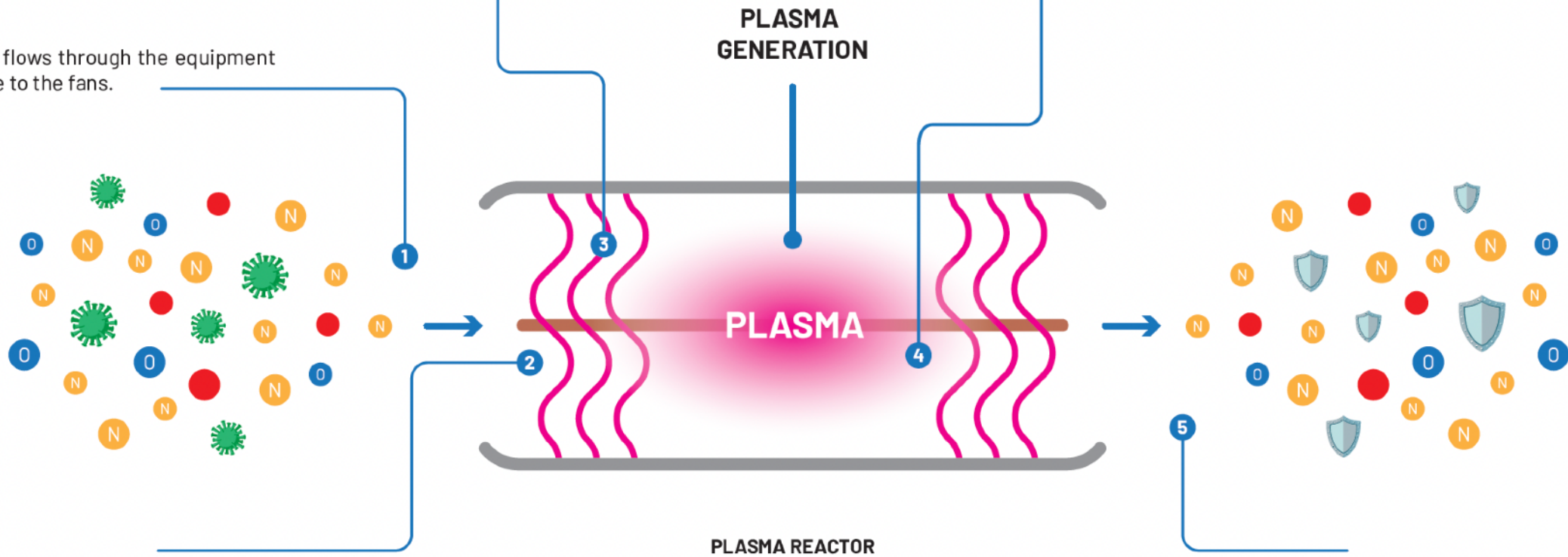


# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19

Inside the reactor, electrical energy is applied in such a way that the air is converted into plasma.

Air flows through the equipment due to the fans.

The disinfection mechanisms that make it possible to purify the air (External and Internal) are activated.



Air passes through the plasma reactor.

PLASMA REACTOR



**ELECTRONS, IONS, RADICALS AND ACTIVE SPECIES**

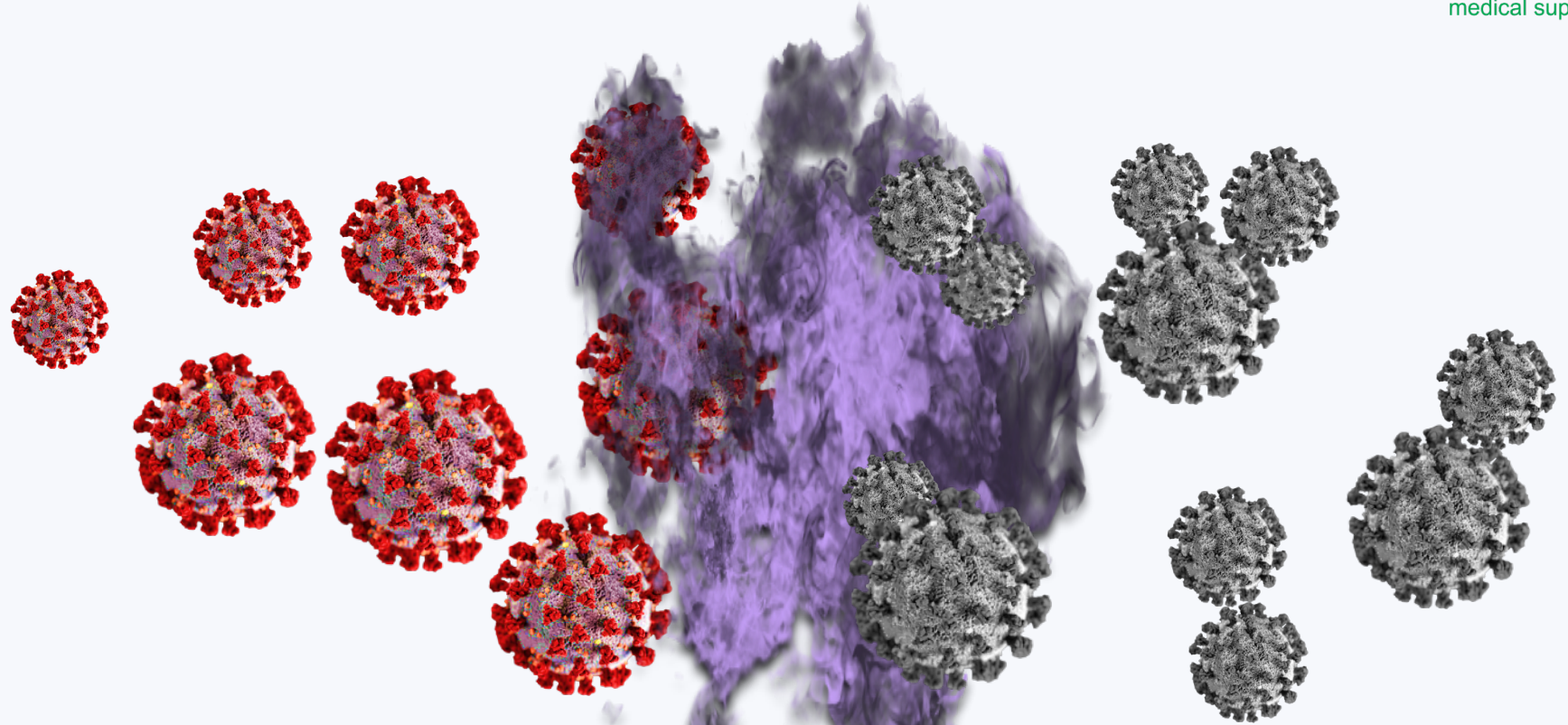
As a result, purified and activated air is obtained with particles (Electrons, Ions, Radicals and Active Species) capable of generating additional protection for a limited time in the environment.

# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19

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## Action

Deactivation of:  
Viruses, bacteria, spores,  
odors, VOCs, etc.



# Applications - Plasma Technology - Inactivates 99.9% Covid-19



**Residential / Airbnb**



**Hospitals / Clinics**



**Senior Living / Nurse home**



**Casinos / Resorts**



**Office Buildings**



**Bathrooms**



**Theaters / Concerts**



**Hotels / Restaurants / Bars**



**Schools**



**Church**



**Corporate Event / Wedding**



**Agriculture**



**Food Manufacturers**



**Smart City / Constructions**



**Public Transportation**

# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19



Wifi  
connection

Dry Process  
chemical free

Inactivates  
viruses  
and bacteria

- Cold Plasma air Purification Technology.
- Inactivates 99.9% of viruses (including SARS-COV2), bacteria, odors, and volatile organic compounds in the air.
- Plasma is the fourth element of matter, by emitting the same quantity of negative and positive ions, a cold plasma air purifier causes an atmospheric disruption in the air that causes the air to be its own filter.
- Health, hygiene and air quality control in: Schools, Hospitals, Clinics, Offices, Homes, Restaurants, Theaters, Boats, RV, and others.
- Connection to 2.4 GHz WIFI network. Programming cycles and automatic schedules.
- Compatible with Alexa and Google Home device.
- **Custom design according to requirements and application area.**



## Plasma hand sanitizer

- Dry 20-15 Seconds
- Consumption 700W
- Improve sustainability
- Disinfect and dry your hands
- Purify the environment



**No more paper!  
Reduce plastic bag!  
No more alcohol hand  
Sanitizer!  
Save Time, Space and  
\$\$\$!**



# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19

**Shelf life 8 years**



**Save time and \$\$\$!!**

- Cold Plasma air Purification Technology.
- Inactivates 99.9% of viruses (including SARS-COV2), bacteria, odors, and volatile organic compounds in the air.
- Available in 2 models that cover Bus 36 - 49 Foot length
- No more hazardous chemicals for health and the environment.
- Covid-19 health protocol operational cost savings
- Peace of mind for passengers and drivers.
- No maintenance required.
- Easy to install.



# Smart Hand Disinfection Billboard - Plasma Technology



## DESCRIPTION

Hand disinfection station with non-thermal plasma technology. Digital signage and advertising, remote content update from one or multiple locations, ultra-slim design, coupon printing and personalization

## PRODUCT DATA

Model	<b>SH4</b>
Display	<b>21.5" / 1920x1080 / 178°(H/V)</b>
CPU	<b>RAM 4G,HDD capacity,SSD</b>
Memory	<b>Android: 1GB, 2GB /Windows: 4GB, 8GB</b>
Storage	<b>Android: 8GB / Windows: 128GB</b>
Touch	<b>Non-touch/ Capacitive / Infrared</b>
Speaker	<b>2PCS Built-in Speakers</b>
Power Supply	<b>100-240VAC, 50/60Hz</b>
Dimensions	<b>1730x 360 x 400 mm</b>
Disinfection Technology	<b>SIWA Non-Thermal Plasma</b>

# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19



**No Chemicals  
DESECHOS TOXICOS**

Plasma is the 4th state of matter. It is a gas ionized by means of an electrostatic discharge, changing the polarity of its particles from positive to negative

Contain 7 disinfection agents it destroys viruses and bacteria **INCLUDING CORONAVIRUS** according to laboratory tests carried out in Chile with an efficiency of 99.9%

Our purifiers are registered with the FDA. Our high technology gives you security and a true feeling of freshness and natural purity.

No chemicals or filters. Free maintenance, they are completely safe to use without effects on people's health.

# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19



## Test & Certifications



Establishment  
Registration Number  
&  
Device Listing

3017858424

D427851



United States  
Environmental Protection  
Agency

On The  
Go

## Other Certifications



- Materials
- Electrical Safety
- Business
- Property



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<b>Proprietary Name:</b>	PLASMA INNOVA; SIWA PLASMA; SIWA PLASMA AIR PURIFIER; SIWA TECH
<b>Classification Name:</b>	CLEANER, AIR, MEDICAL RECIRCULATING
<b>Product Code:</b>	<a href="#">FRF</a>
<b>Device Class:</b>	2
<b>Regulation Number:</b>	<a href="#">880.5045</a>
<b>Medical Specialty:</b>	General Hospital
<b>Registered Establishment Name:</b>	<a href="#">PLASMA INNOVA S.A.</a>
<b>Registered Establishment Number:</b>	3017858424
<b>Owner/Operator:</b>	<a href="#">Plasma Innova S.A.</a>
<b>Owner/Operator Number:</b>	10079311
<b>Establishment Operations:</b>	Foreign Exporter; Manufacturer; Remanufacturer

## Advantages:

- Improves air quality
- Inactivated 99% Bacterial & Viruses
- Reduce healthy illnesses, contagious for residents and employees.
- Great benefit for residents with asthma, allergies or other lung conditions.
- Reduces the risk of suffocation from any type of smoke.
- Inactivates odors such as pets, food, cannabis, cigarette, etc.
- Eliminate problem of insects that is attracted from odors.
- Reduces cost in Mold Treatments.
- Reduces cost on AC filters and fresh air supplies.
- Improve Sanitation services 24/7
- No maintenance required / No Filters / Money saving
- Low energy consumption 20W
- Antibacterial Heavy Duty Stainless Steel build
- Smart Technology, Wifi connection App eWelink, Alexa and Google
- It is an Asset. A long-Term Investment
- Easy installation
- Eco-friendly, not plastic, not chemical, not waste on filters.
- Life Time Warranty

# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19

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## Demonstration Air Purifier Non-Thermal Plasma Technology



# Air Purifier - Plasma Technology - Inactivates 99.9% Covid-19

## Some users of our Technology





**DISTRIBUTED BY:**  
**Sin Fronteras Medical Supplies**

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