

Dear Fitness Pointe Members:

Fitness Pointe is excited to announce another level of technology added to the facility to increase the safety and health of our members, patients and staff.

Many health-minded individuals have returned to their local club to continue their exercise routines. To keep members and staff safe many safeguards have been put into place at Community Hospital Fitness Pointe®. The healthcare facility is using an advanced filtration system to eliminate contaminants in the building.

Global Plasma Solutions' (GPS) Needlepoint Bipolar Ionization technology works to safely clean indoor air and surfaces and is helping to keep those coming into the facility safe.

Fitness Pointe is Community Healthcare System's medically-based fitness facility and features much of the same high quality health and infection control practices as found at Community Hospital, Munster, St. Catherine Hospital, East Chicago, St. Mary Medical Center, Hobart and the Community Stroke & Rehabilitation Center in Crown Point.

This technology represents a significant investment on the part of Community Healthcare System and is designed to improve the health and safety of the customers and staff we serve. GPS technology has been proven to have a very high rate of effectiveness in killing the SARS Cov-2 virus, the cause of COVID-19.

The technology works by artificially generating both positive and negative ions, which naturally occur in the air (as in lightning, waterfalls and ocean waves). These ions can capture and break down airborne germs and those on surfaces within the space to be decontaminated. The GPS purification system improves air quality, removes odors, helps kill common germs and significantly reduces bacteria, spores and viruses such as C. diff, MRSA, E.coli, Norovirus and COVID-19. It adds another layer of safety and infection prevention to Fitness Pointe's already stringent environmental cleaning practices.

Bipolar ionization has been around for decades. Traditional bipolar ionization systems can produce harmful ozone as a byproduct. However, GPS' unique needlepoint modules are different in that they do not produce either ozone or other harmful byproducts. The system has been both UL and CE certified meaning it has been tested for safety risks and meets certain standards and guidelines.

A laboratory study showed the SARS-Cov-2 was exposed to needlepoint bipolar ionization for periods of 10, 15 and 30 minutes. Based on virus detection methods, it was determined that at 10 minutes 84.2% of the viral particles became inactive; at 15 minutes 92.6% of the viral particles became inactive and at 30 minutes 99.4% of the viral particles became inactive.

At Fitness Pointe, the GPS technology is retrofitted to the existing HVAC system. The same system has been successfully used in many other types of health settings across the country including Boston Children's Hospital, Monument Health's Rapid City Hospital and Houston Methodist Hospital.

Fitness Pointe has worked hard to keep members, patients and staff safe. These efforts have included regular sanitizing of exercise equipment and high contact surfaces, as well as, hand sanitizer and gym wipes readily available for cleaning. And while these practices remain in place, the addition of the Needlepoint Bipolar Ionization technology has taken Fitness Pointe's effort to provide a safe environment to a new level.

Please see the attached information which provides more details.

We look forward to welcoming all of our members to a safe and healthy environment.  
Roger Vogie - Director, Fitness Pointe



GlobalPlasmaSolutions.com

*Engineering Air for a Cleaner World™*

## Reducing the Spread of Disease with GPS Ion Generators

### *What are GPS Ion Generators?*

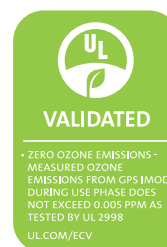
It is a technology installed in HVAC systems that makes hundreds of millions of positive and negative ions through needlepoint bipolar ionization.

### *How does GPS technology reduce the spread of disease?*

When ions come into contact with pathogens (airborne and surface), their microbicidal effects reduce the infectivity of viruses.

### *Is GPS Safe?*

Our needlepoint bipolar ionization is OZONE free and safe to use across commercial, industrial and residential buildings. Traditional ionization systems produce harmful ozone as a byproduct.



## Independent Laboratory Testing Results Summary

# SARS-CoV-2

Virus that causes the  
disease COVID-19

TIME IN  
CHAMBER

**30**  
MINUTES

RATE OF REDUCTION

**99.4%**

In this laboratory study, based on viral titrations, it was determined that at 10 minutes, 84.2% of the virus was inactivated. At 15 minutes, 92.6% of the virus was inactivated, and at 30 minutes, 99.4% of the virus was inactivated.



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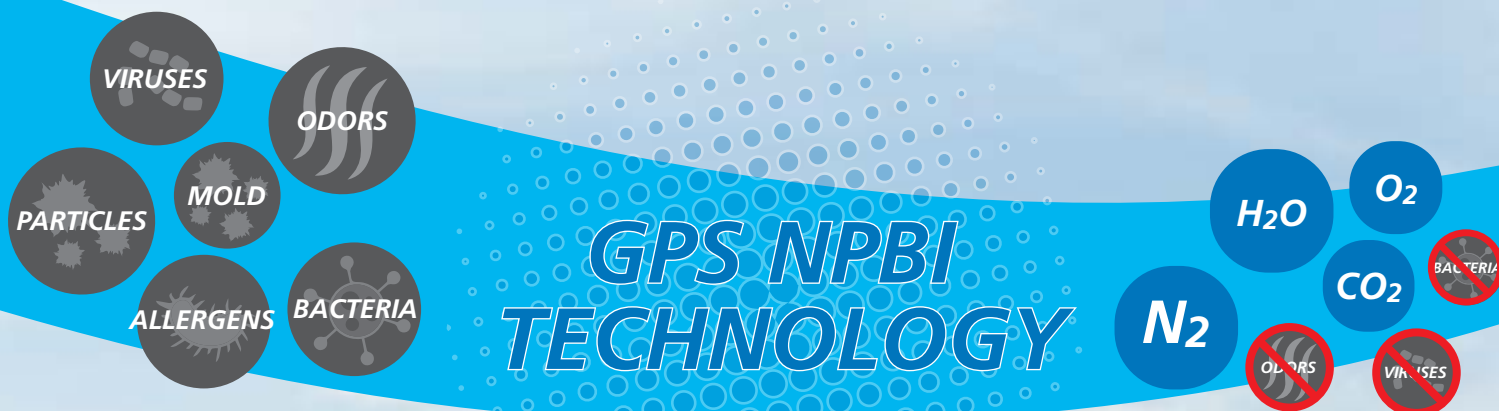
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## How Ionization Works

GPS' NPBI technology works to safely clean the air inside industrial, commercial and residential buildings. The patented technology uses an electronic charge to create a plasma field filled with a high concentration of + and - ions. As these ions travel with the air stream they attach to particles, pathogens and gas molecules. The ions help to agglomerate fine sub-micron particles, making them filterable. The ions kill pathogens by robbing them of life-sustaining hydrogen. The ions breakdown harmful VOCs with an Electron Volt Potential under twelve (eV<12) into harmless compounds like O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, and H<sub>2</sub>O. The ions produced travel within the air stream into the occupied spaces, cleaning the air everywhere the ions travel, even in spaces unseen.



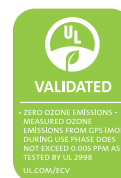
## What is an Ion you may ask?

An ion is a molecule or atom that is positively or negatively charged, meaning that it has electrons to give or needs electrons to become uncharged, thus becoming stable.

## Mother Nature's Way of Cleaning

GPS' technology generates the same ions as Mother Nature creates with lightning, waterfalls, and ocean waves. Mother Nature uses energy to break apart molecules. It is nature's way of cleansing the air naturally and creating a healthy environment. The only difference is that GPS' technology does it without forming ozone or other harmful byproducts.

*GPS' NPBI technology has been certified by UL 867 and UL 2998 to be ozone free.*



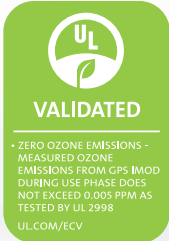
## 3rd Party Testing Summary

Pathogen	Time in Chamber	Kill Rate	Test Agency
<b>Tuberculosis</b>	60 minutes	69.09%	EMSL
<b>Clostridium Difficile</b>	30 minutes	86.87%	EMSL
<b>Norovirus</b>	30 minutes	93.50%	ATS Labs
<b>MRSA</b>	30 minutes	96.24%	EMSL
<b>Staphylococcus</b>	30 minutes	96.24%	EMSL
<b>Mold Spores</b>	24 hours	99.50%	GCA
<b>E.coli</b>	15 minutes	99.68%	EMSL
<b>Legionella</b>	30 minutes	99.71%	EMSL

**Airborne Mold Spores  
Reduced by 95%**



Owned by Accuratus Lab Services



With over 30 patents and more than 150,000 installations worldwide using our NEEDLEPOINT BIPOLAR IONIZATION technology, also known as NPBI, GPS is truly the Indoor Air Quality (IAQ) revolutionIZER.

Our proven technology delivers clean indoor air that is safe and healthy – producing neither ozone nor other harmful by-products. All our NPBI products are UL and CE approved. Through NPBI, our products purify the air by eliminating airborne Particulates, Odors and Pathogens. All this while saving you 30% on Energy consumption and lowering your carbon footprint by reducing outdoor air intake by up to 75%.

***Engineering Air for a Cleaner World™***



***GPS FACT: GPS can be installed in any system in any building...***

- |                      |                          |
|----------------------|--------------------------|
| • Agriculture        | • Hospitality            |
| • Airports           | • Hospitals              |
| • Animal Care        | • Institutional          |
| • Arenas & Stadiums  | • Manufacturing          |
| • Banks              | • Office Building        |
| • Casinos            | • Retail                 |
| • Child Care         | • Schools & Universities |
| • Convention Centers | • Senior Care            |
| • Fitness            | • Transportation         |
| • Food Service       | • Theater                |
| • Healthcare         | • Worship                |

***Truly a revolutionIZER***  
***A pioneer with many innovations:***

**1st**

- ... with universal power supply
- ... with auto-cleaning
- ... duct-mounted design
- ... to use carbon fiber brush needlepoint emitters
- ... with ionization bar
- ... with flexible ionization strip
- ... modular ionization bar
- ... to achieve UL 867 Ozone Standard
- ... AND ONLY to pass the RCTA DO-160 standard for aircraft
- ... to be installed on a commercial jet
- ... to be certified by FAA
- ... to be installed in commercial hand driers
- ... AND ONLY to receive UL 2998 Ozone Free Certification
- ... to receive OSPHD seismic (OSP) certification

## GPS DELIVERS P.O.P.E.



**PARTICLES**  
REDUCED

### Particle Reduction

The GPS NPBI technology reduces airborne particles (i.e., dust, pet dander, pollen) through agglomeration. The ions attach to the airborne particles. The particles are subsequently attracted to one another, effectively increasing their mass and size. The air filtration system easily captures the larger particles, increasing the capture efficiency of your HVAC system.



**PATHOGENS**  
KILLED

### Pathogen Reduction

During the GPS cleaning process the NPBI technology attacks and kills viruses, mold spores and bacteria. The ions steal away hydrogen from the pathogens, leaving them to die, and leaving you with clean and healthy indoor air.



**ODORS**  
NEUTRALIZED

### Odor Reduction

During the GPS cleaning process chemical, pet, cooking, and other odors are broken down into basic harmless compounds, leaving the indoor air fresh smelling and free of odor causing VOCs.



**ENERGY**  
SAVED

### Energy Saving

GPS' environmentally friendly cleaning process allows commercial buildings to significantly reduce the amount of outdoor air required to operate. This equates to a safer, more comfortable environment that requires up to 30% less energy to condition.

## THE GPS ADVANTAGE

	GPS NPBI	OTHER BPI	CORONA DISCHARGE	HEPA FILTERS	CARBON FILTERS	ULTRAVIOLET (UV)	UV-PCO
Produces Harmful Byproducts	None	Yes	Yes	No	No	Yes	Yes
Reduces Airborne Particles	✓	Yes	Yes	Yes	No	No	No
Destroys VOCs	✓	Yes	Yes	No	Captures	No	Yes
Kills Pathogens	✓	Yes	Yes	No	Captures	Yes	Yes
Reduces Energy Cost	30%	Yes	Yes	No	No	No	No
UL 2998 No-Ozone Certified	✓	No	No	N/A	N/A	N/A	N/A
Treats In-Room Air	✓	Yes	Yes	No	No	No	No
No Replacement Parts	✓	No	No	No	No	No	No
Auto Self-Cleaning	✓	No	No	No	No	No	No
Simple to Install	✓	No	No	No	No	No	No
Low Total Cost	✓	Yes	No	No	No	No	No