

The most powerful air cleaning system.



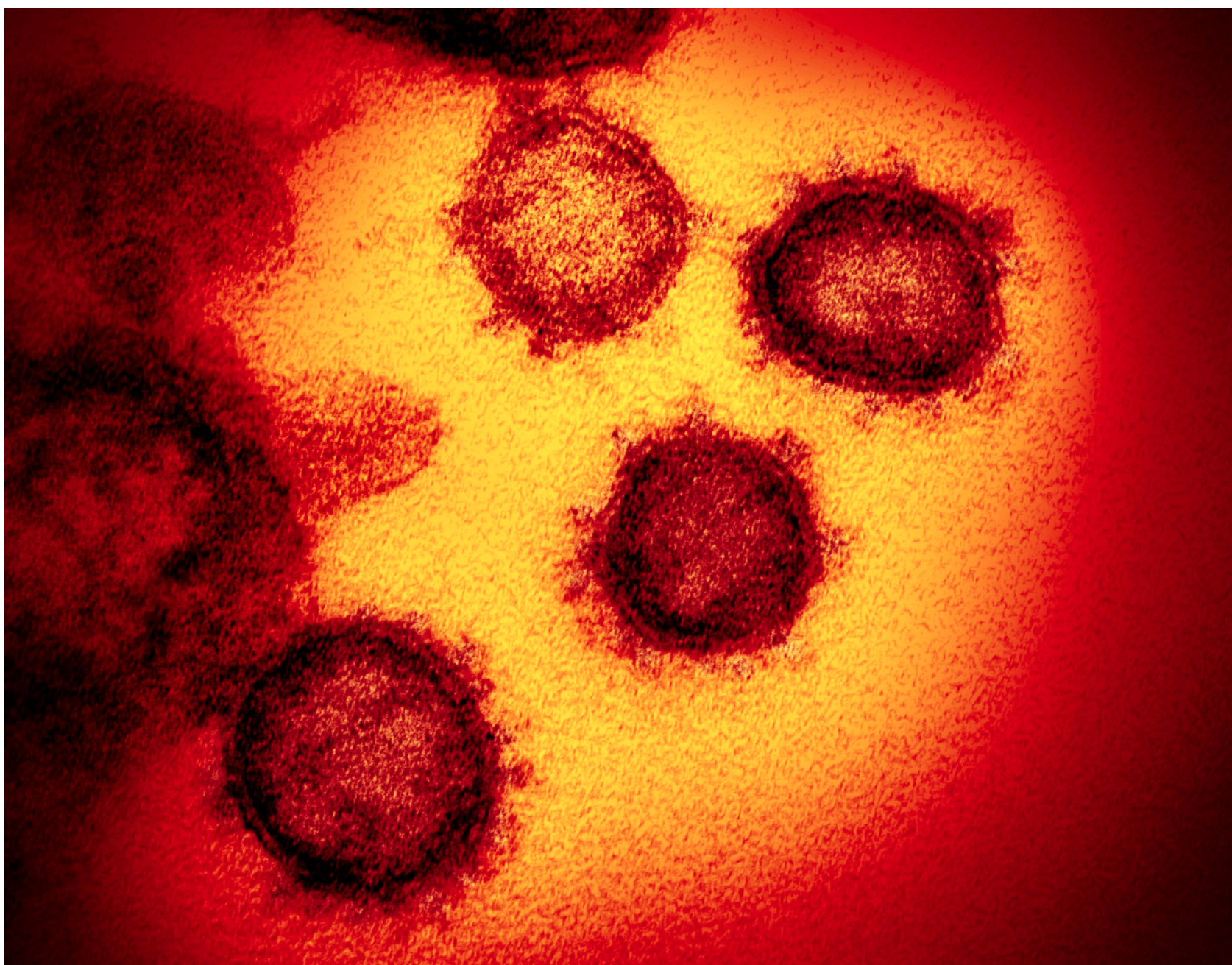
Period.



**In the wake of the COVID-19 pandemic, hospitals, airlines and public spaces have all begun to make biosecurity a priority for the first time in world history.**

Whether you are an essential front-lines healthcare service, preparing to reopen your restaurant, or working while staying at home, BioOx® is a critical component to post-COVID safety.

BioOx® is the perfect solution for protecting your staff, patrons, and families from the harm of airborne pollutants that we breathe indoors





# Other machines filter, our reactors scrub.

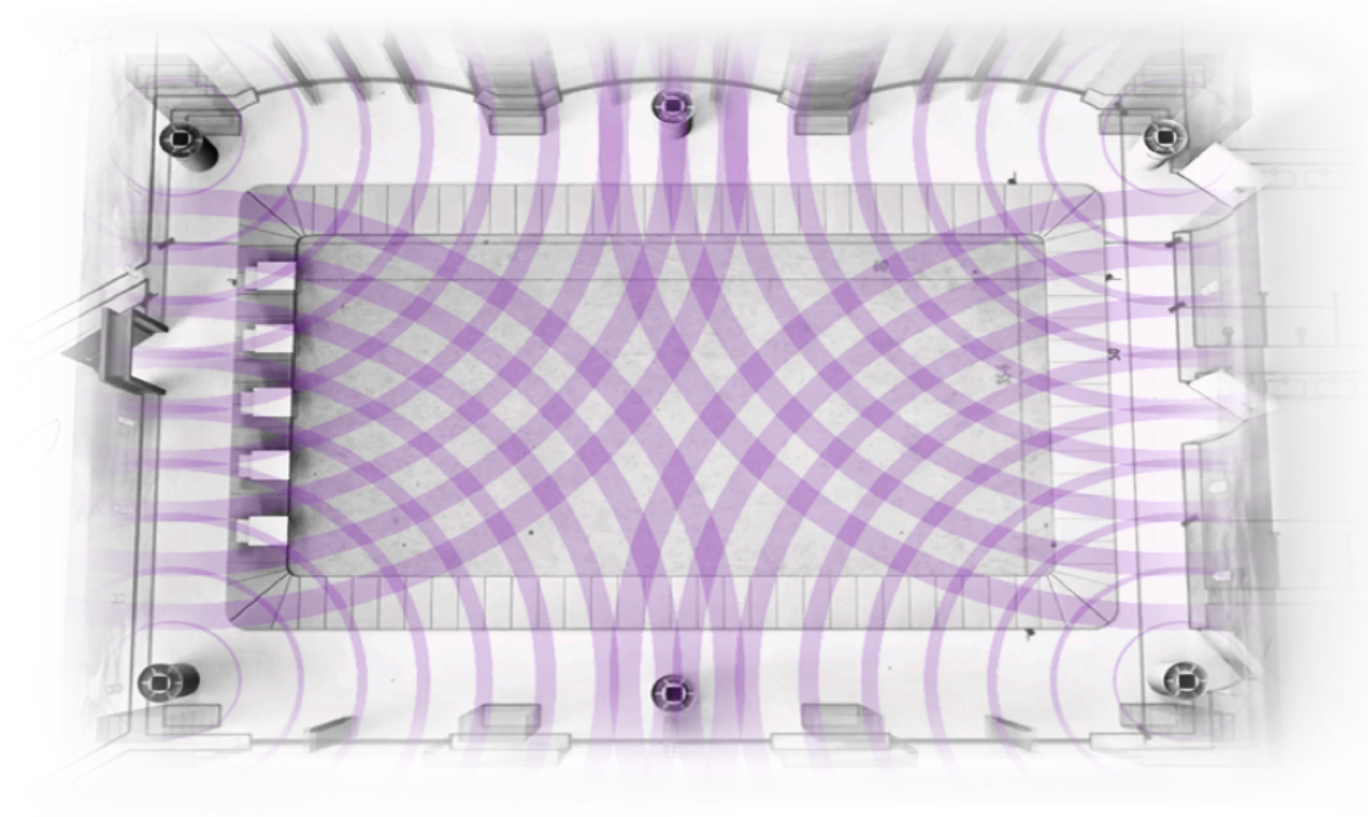
Using our patented biotechnology, our freestanding BioOx units use natural enzymes to neutralize harmful airborne pathogens and toxins.

BioOx<sup>®</sup> units draw in all forms of contaminants, expelling clean air and making your facility a dramatically healthier and more enjoyable place to be.

Traditional HVAC systems are not only expensive but just move harmful air around.

BioOx<sup>®</sup> systems actually decontaminates the air, by capturing particulates within a specialized all-natural enzyme and microbe solution, rendering contaminants like dust, ammonia, formaldehyde, bacteria and viruses harmless. Installing a BioOx<sup>®</sup> air purification system provides a "clean air zone" throughout your facilities.

Best of all, no filters are needed and absolutely no drilling, rewiring or construction of any kind is required.



BioOx<sup>®</sup> creates a "clean air zone"

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## The Fundamentals

This is how our bio-reactor eliminates everything toxic in the air...

Including the competition.

### Convection

It starts with a painstakingly optimized waterfall convection system that effortlessly pulls larger particles in.



### Molecular Charge Attraction

Next we generate a controlled electrostatic ground to pull in the rest of the microscopic particulates that sit in our unit's zone.



This grounded air zone is not ionic and is not electrostatic, and therefore, produces **no harmful byproducts**.

### Bio-oxidation

Finally, **our patented BioOx media** digests virtually **all forms of contaminants** leaving you with pure and odorless air.



This is what sets BioOx far apart from the competition.

If you can even call them that.



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## Features

Surgical Precision. Workhorse Endurance.

**Complete Airborne Biosecurity.**

Up to

**10,000**ft<sup>2</sup>

square feet of bio-secure protection per unit

Up to

**200**lbs

pounds of contaminant destruction per day

Up to

**2000**ft<sup>3</sup>

cubic feet per min of air flow

As low as

**34**db

of silent operation

As little as

**24**watts

of power consumption

**24/7**

continuous operation

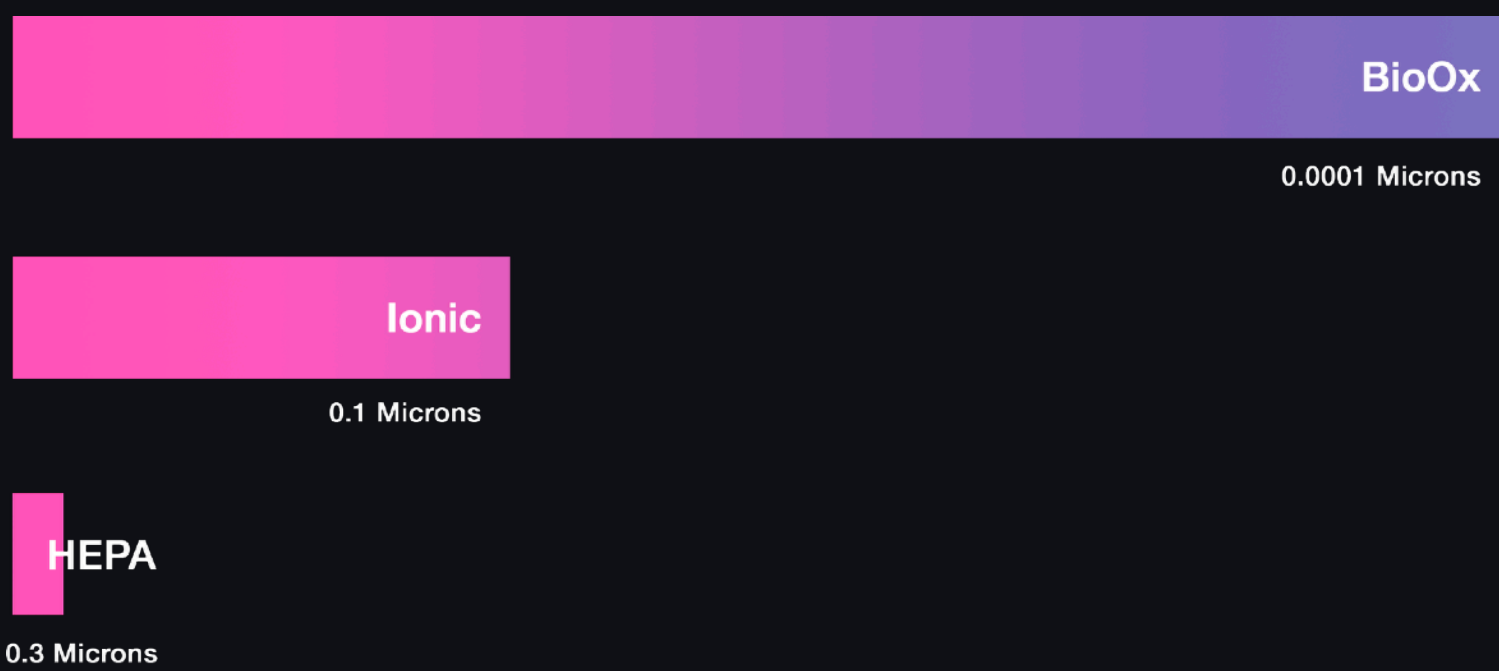


## Statistics

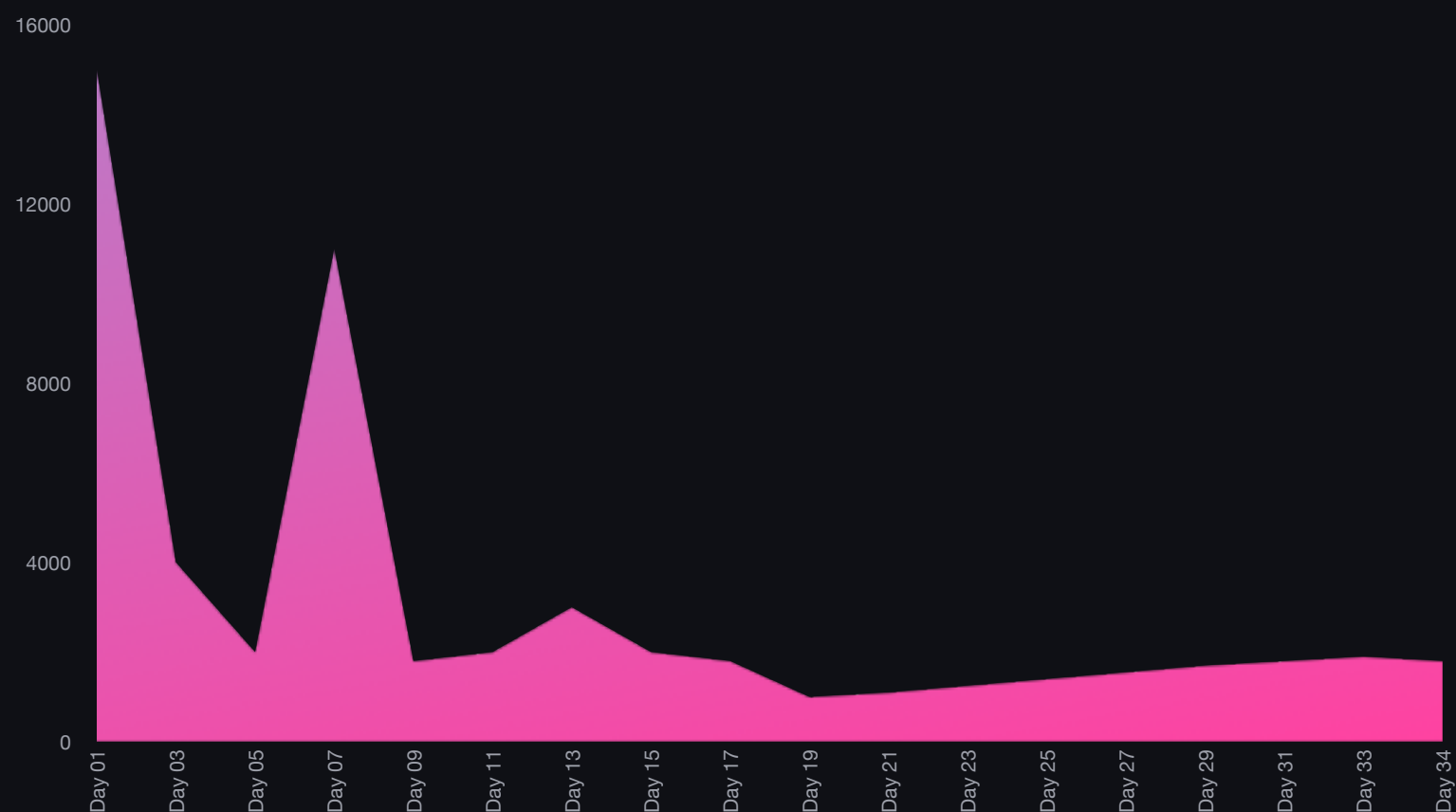
# Domination by the numbers.

There is **nothing** like our bio-reactor on the market today. And the numbers speak for themselves.

## Filtering performance - BioOx<sup>®</sup> vs Ionic vs HEPA<sup>1</sup>



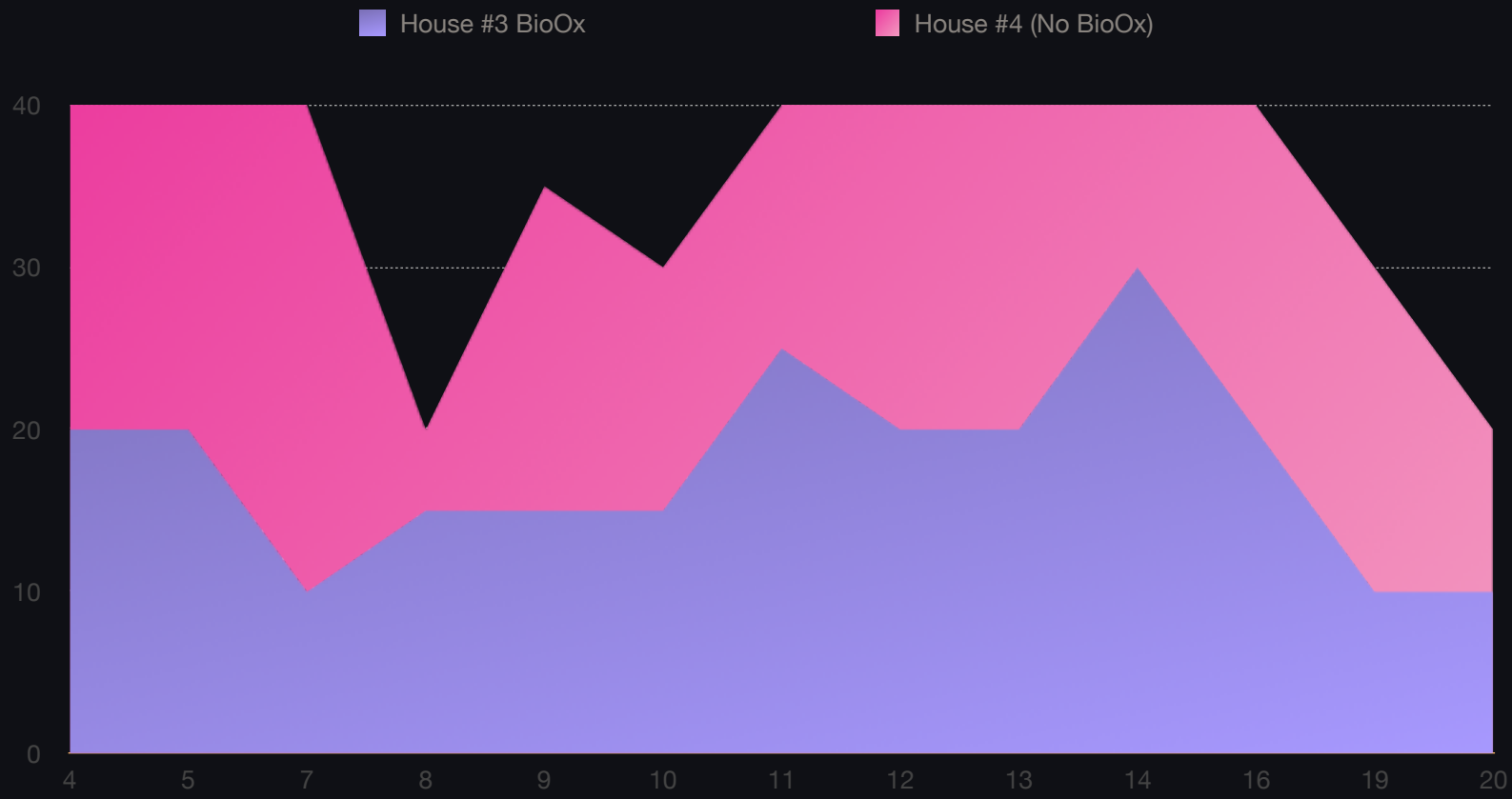
## Particulates removed over time<sup>2</sup>





# Statistics

## Dramatic Ammonia Reductions<sup>3</sup>

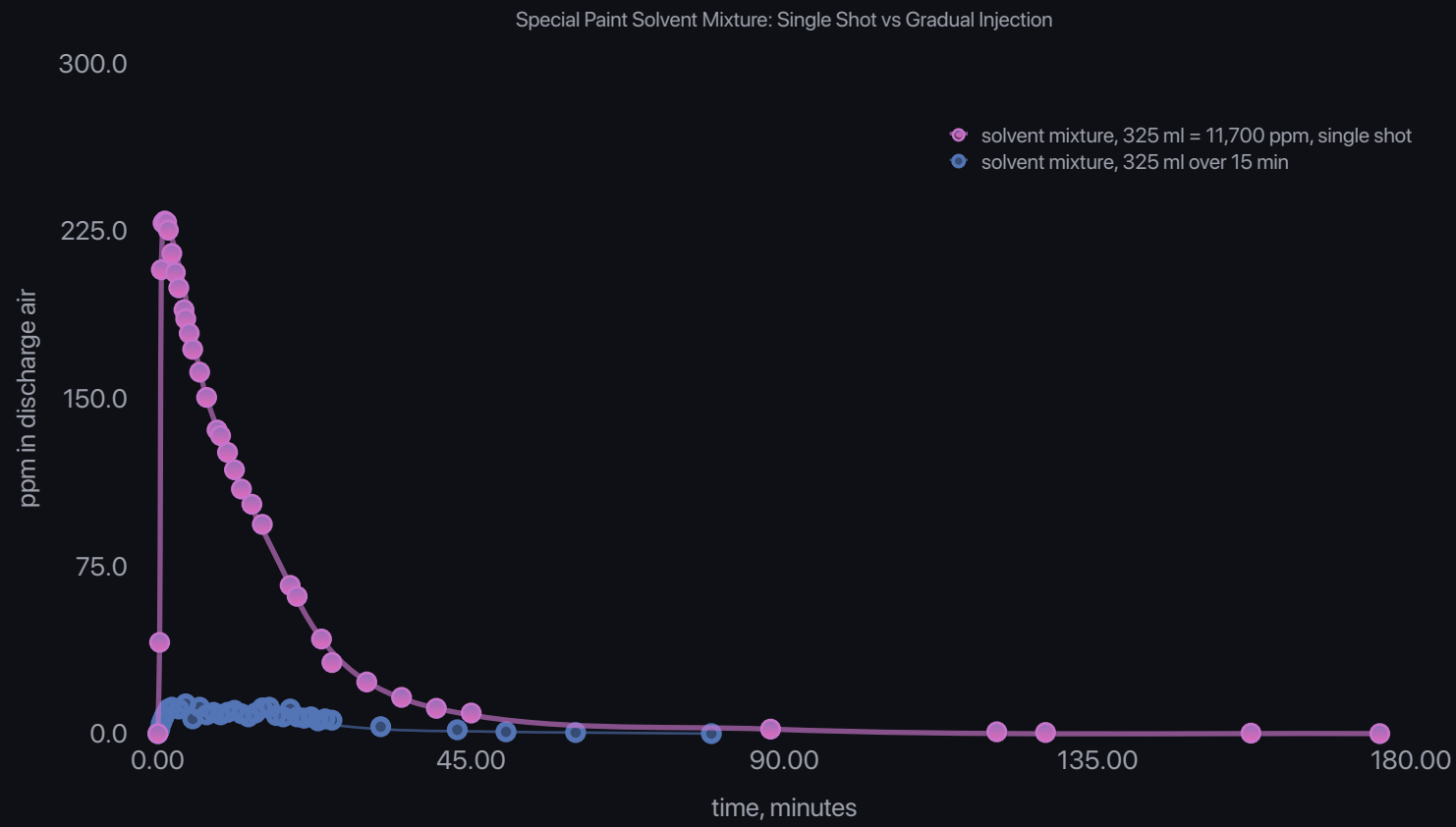


## Dramatic Reserve Oxygen (ROx) Gains<sup>4</sup>



# Statistics

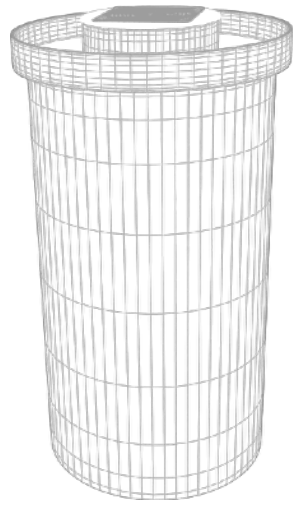
## Solvent fume elimination<sup>5</sup>



## Additional contaminant destruction measurements<sup>6</sup>

Contaminant	(ppb)	(ppb)	Percent Destruction
Semi Volatiles (BN)	9.25	0.340	96.3%
Tentatively Identified Compounds (TIC) including MTBE	150.4	ND	100%
MTBE	3.20	ND	100%
Total BN + TIC	160	0.340	99.8%
	Before BioOx	After BioOx	





## Technical Specifications

	BioOx <sup>®</sup> 85	BioOx <sup>®</sup> 300	BioOx <sup>®</sup> 650	BioOx <sup>®</sup> 5000
Nominal contaminant destruction, lbs/day	10	20	40	200
Area of influence* square feet	Up to 600	Up to 1500	Up to 3000	Up to 6000
Continuous Operation	YES	YES	YES	YES
Air flow ft <sup>3</sup> /min	100	239	665	2,000
Water flow (GPM)	5 gpm	6 gpm	8 gpm	15 gpm
Fan speed (RPM)	1750 rpm	2950 rpm	1600 rpm	1600 rpm
Monthly BioOx <sup>®</sup> Media requirement**	4 oz / 125ml	8 oz / 250ml	1 qt / 946ml	1 gal / 3.9L
Container Vol (G)	10 G	20 G	50 G	200 G
Voltage	110	110	110	110
Frequency	60	60	60	60
Amperage (A)	1A	1A	1A	1A
Power consumption	24 Watts	115 Watts	420 Watts	600 Watts
Dimensions (D x H)	13" x 25"	21" x 45"	29" x 54"	37" x 52"
Noise levels	34 db	55 db	52 db	53 db
Dry Weight	16 lbs	38 lbs	77 lbs	190 lbs

\* A larger unit may be necessary if severe levels of continuous contamination are sustained regardless of area of influence.

\*\* BioOx<sup>®</sup> Media requirements can fluctuate with levels and types of contamination, and BioOx Media concentration. A booster of twice the monthly amount is required at startup.

## Filtering Method

- Convection
  - Molecular charge attraction
  - Bio-oxidation
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## Filtering Abilities

Captures all sized particles including but not limited to allergens, bacteria, odors, viruses, germs, cigarette smoke, all forms of chemical and biological fumes.

Filtering performance: 0.0001 microns

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## Electrical and Operating Requirements

Line voltage: 100–240V AC  
Frequency: 60Hz, single phase  
Operating temperature: 50° to 95° F (10° to 35° C)  
Relative humidity: 0% to 100%

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## Installation and Maintenance

Installation and set up for each unit is under an hour. Depending upon your pollution levels, maintenance of the units is required every one to three months. Addition of BioOx Media is required every month. And, a constant water level must be maintained.

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1. Testing conducted by an independent lab and compared the change in concentration of several public health pathogens - including H1N1, Legionella, Influenza B, MRSA and others.
2. Testing conducted in an area of 1000 square meters hosting 4 visiting rooms and a waiting area for 100 people, with a daily turnover of 1300 patients seeking for medical advice. BioOx® efficiency was tested in a working hospital in Saronno, Italy.
3. Testing conducted at a large scale chicken farm during a 20 day duration with 20,000 chickens per house. Ammonia readings measured with the same vent time and vent box opening.
4. Testing conducted at former USA Olympic champion Bode Miller's equine sports training facility. The blood of 13 race horses were measured before and after BioOx air cleaning systems were installed.
5. Testing conducted at the Bonita Hills Fire District in Florida, as an alternative technology to control the fire hazards associated with the use and storage of products containing solvents. The graph demonstrates destruction of acetone, non-acetone, and liquid monomer solvents.
6. Testing conducted at a clean water plant in Bedminster NJ. Results were calculated before and after treatment with sample sets taken from the same source.



# Need to talk to someone with a PhD? Yeah, we've got those too.



With over two-dozen international patents (and counting), you can be sure that we don't just sell the tech, we invented it.

And that means that should your engineers or air-quality compliance officers need us, we can sit down with you face-to-face and explain the science behind our bio-tech and why it's raising the bar on what clean air is.

No matter your question or concern, our salesforce, engineers and support staff have you covered.

## Ready to take control of your air?



### Fast and Contactless Delivery Available

Next-day shipping and  
scheduled deliveries available.



### Finance Options

Our finance programs make  
the transition smooth and  
affordable.



### Get Help Buying

Have a question?  
Call a specialist or message us  
today.  
Call 1-301-246-0151



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