

A revolution in equine
performance begins now.



BioOx

A biotech company



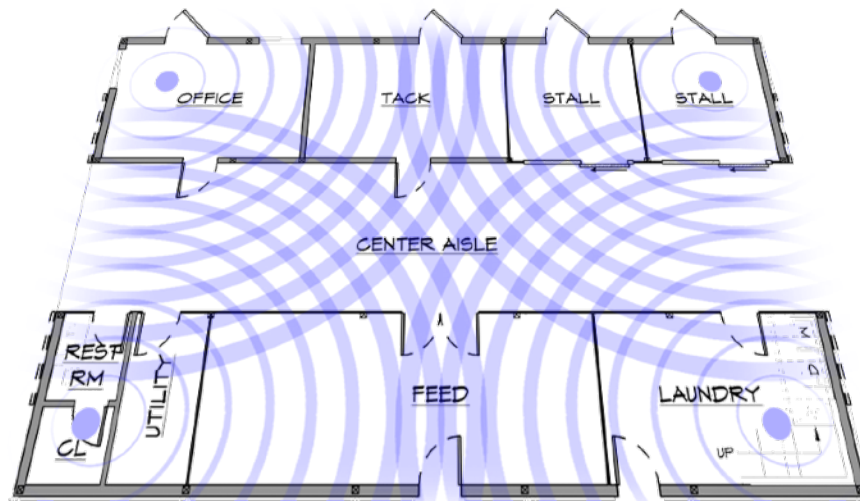
BioOx is healthcare for equine.

BioOx® is an innovative and natural system that provides horses, barns and stables with clean, healthy air.

Horses that breathe better are stronger and run faster.

The most powerful air cleaning system **ever**.

BioOx[®] are small bio-reactors that sit away discretely and plug into standard electrical outlets. They contain a mixture of plain water and natural enzymes. Within just a matter of hours of turning on your bio-reactor your air will be cleaner and healthier, and feel fresher as a variety of harmful particles are removed.



BioOx[®] creates a “clean air zone”



Other machines filter, our systems **scrub**.

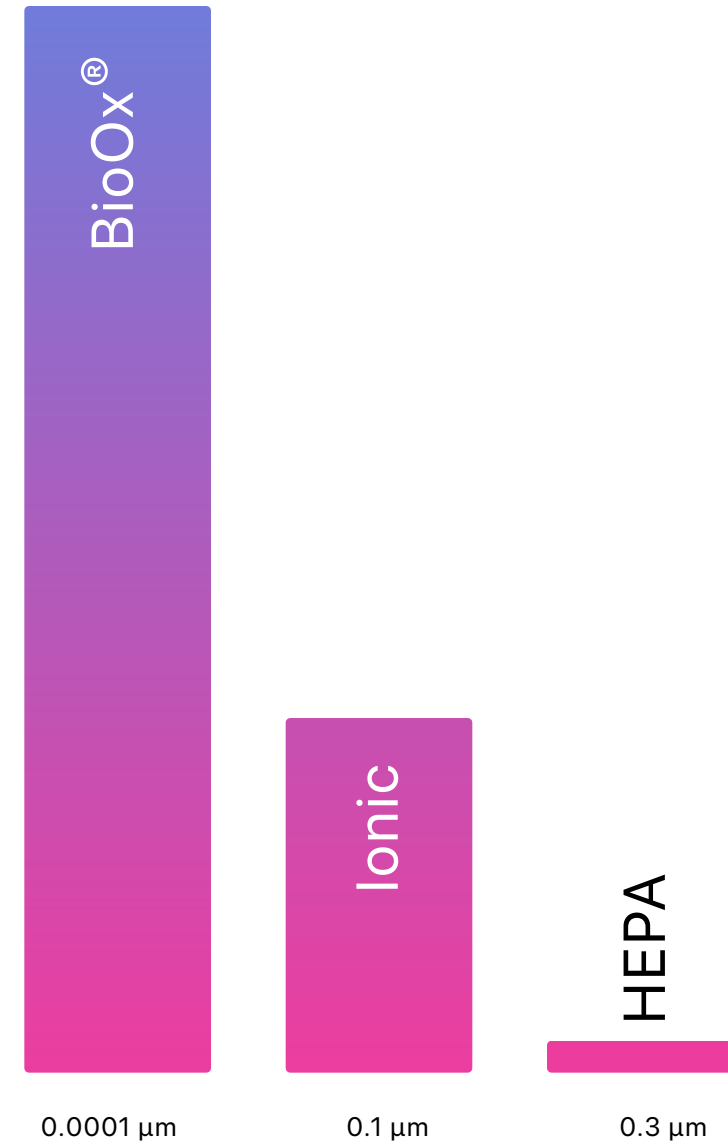
Using our patented biotechnology, our freestanding BioOx units use natural enzymes to neutralize harmful airborne toxins and pathogens.

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

Traditional HVAC systems are expensive and just move harmful air around. UV lights work but only affect living microorganisms, meaning these systems can't control dust, pollen, pet dander or other particles that aren't alive.

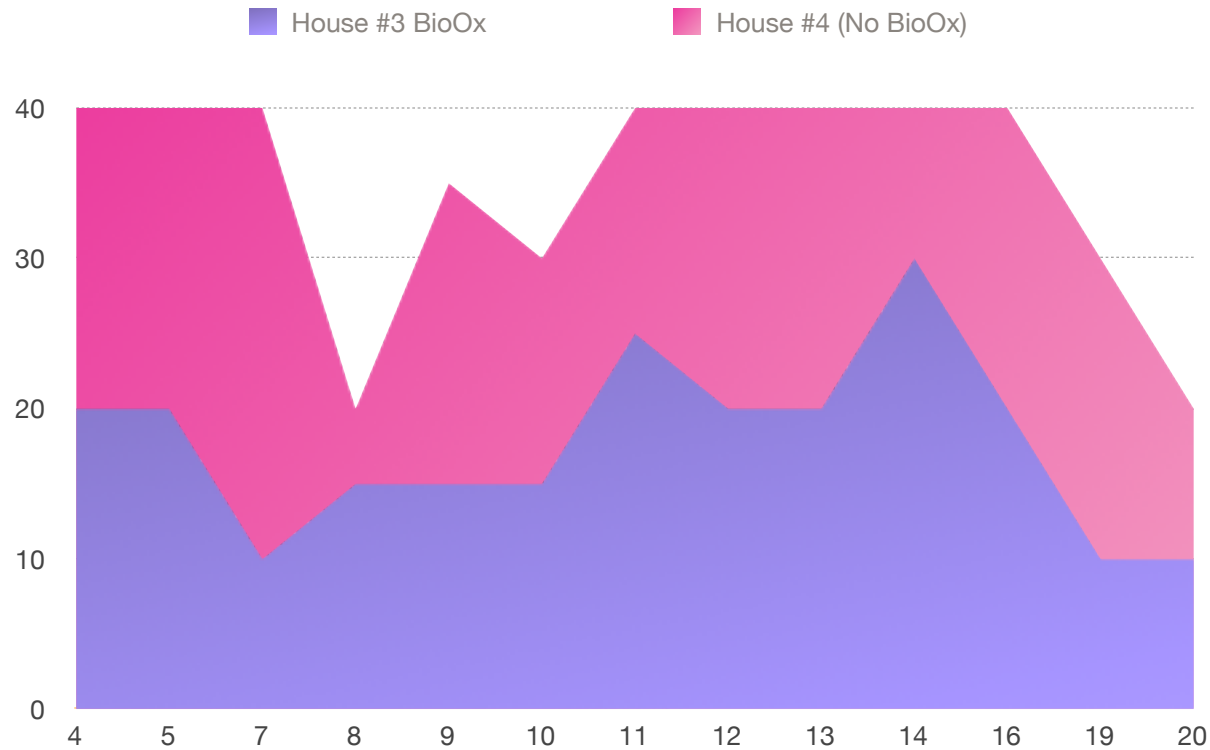
BioOx systems actually clean the air, by capturing particulates within a specialized all-natural enzyme and microbe solution, rendering contaminants like dust, ammonia, formaldehyde, bacteria and viruses harmless. Installing a BioOx air purification system provides a "clean air zone" throughout your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

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



Filtering performance¹ - BioOx® vs Ionic vs HEPA
(Longer is better)

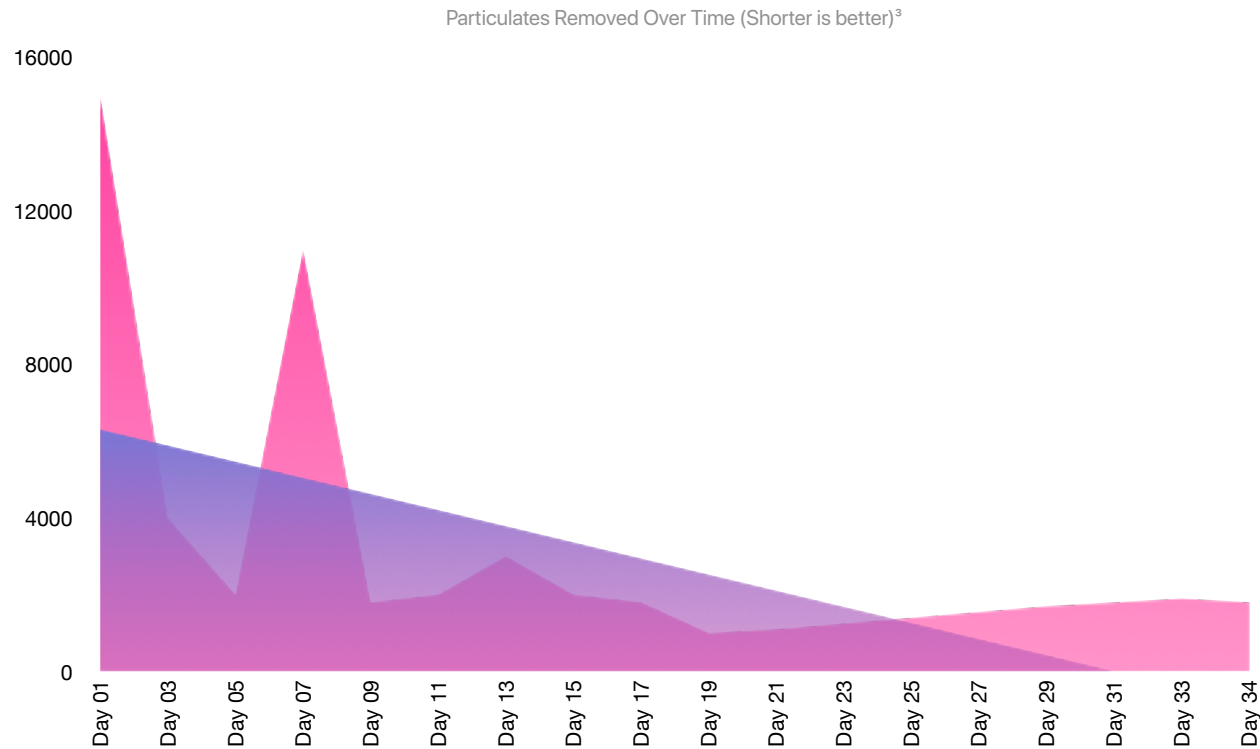
Dramatic ammonia reductions over a 20 day period² (Lower is better)



With ammonia reductions this good, **horse stables will feel like an open field.**

This is a graph of ammonia readings that were taken at a chicken farm during a 20 day duration with **20,000** chickens per house. The house running the BioOx Reactor saw a 48% reduction of measured ammonia with the same vent time and vent box opening as house 4 (both houses were identical in age and size)

With performance numbers this high, the benefits for horse stables are endless.

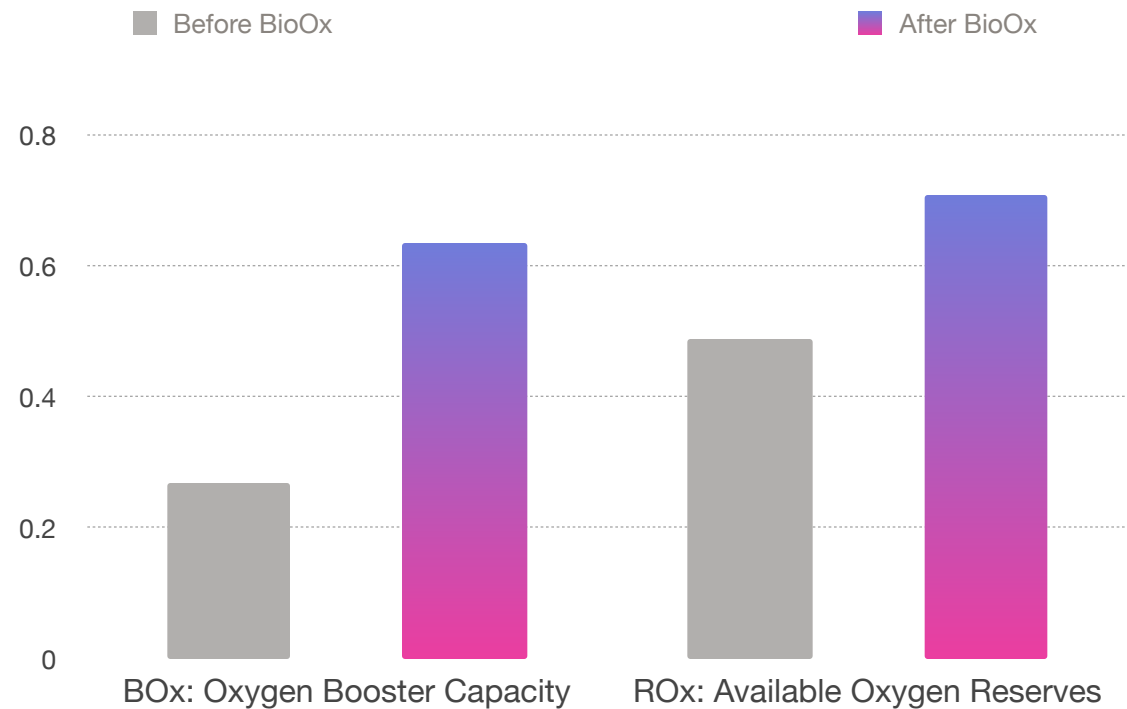


Airborne pathogens? **Not with us there isn't.**

BioOx[®] solution significantly reduces viral and bacterial pathogen concentrations.*

In a study conducted at a hospital in Saronno, Italy, our bio-reactor reduced the airborne microbial population and particulate matter (PM) in hospital visiting rooms and attached waiting areas.

Dramatic Reserve Oxygen (ROx) and Booster Oxygen (BOx) Gains



This is a graph of “reserve oxygen” (ROx) and “booster oxygen” (BOx) measurements that were taken during a blood study at Olympic Champion Bode Miller’s equine sports training facility.

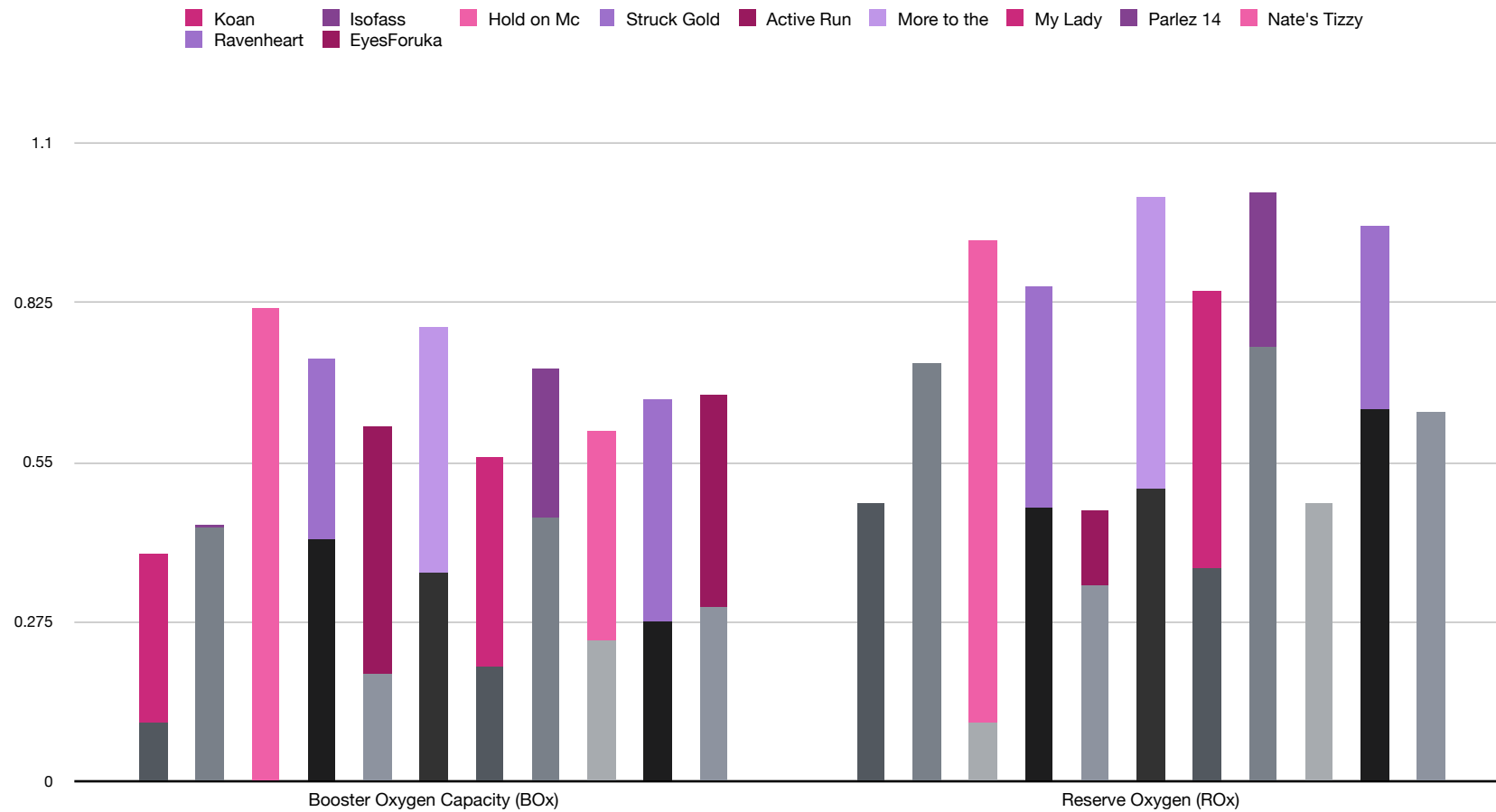
The blood of 11 race horses were measured before BioOx air cleaning systems were installed. Baseline results showed only an average of 26.9% performance in booster oxygen capacity (BOx) and 48.8% performance in available reserve oxygen (ROx).

Besides having a reserve of oxygen, blood is also capable of making new oxygen reserves. BOx is the factory that builds new ROx, it boosts oxygen reserves continuously. That’s why BOx is so crucial to performance and health.

After BioOx was installed, there was a dramatic 135% increase in BOx performance and a 45% increase in ROx performance.

A deeper look into the data

We've broken down the performance data into greater detail to show how each subject responded to treatment. (Gray bars show oxygen values **before** treatment)



The proof is in the numbers

We've broken down the aforementioned data into greater detail to show how each subject responded to treatment.

Table data for ROx are expressed in fractional oxygen saturation.

1.00 = 100% Oxygen Saturation for ROx.

Data for BOx are expressed in new ROx generation every 30 seconds.

For example BOx = 0.5 means that a fresh amount of 100% ROx is generated every minute.

	BOx Before	BOx After		ROx Before	ROx After
Koan	0.102	0.392		0.476	0.373
Isofass	0.435	0.442		0.716	0.43
Hold on Mc	0.000	0.818		0.000	0.934
Struck Gold	0.415	0.727		0.470	0.852
Active Run	0.183	0.613		0.338	0.466
More to the	0.357	0.784		0.503	1.007
My Lady	0.195	0.558		0.365	0.844
Parlez 14	0.454	0.714		0.747	1.016
Nate's Tizzy	0.241	0.606		0.477	0.323
Ravenheart	0.275	0.659		0.640	0.957
EyesForuka	0.298	0.666		0.633	0.611
Average	0.269	0.634		0.488	0.710

Additional Benefits

By increasing a horse's BO_x and RO_x levels, white blood cell count increases as well as having a net-positive effect on muscle, nerve, lung development, and circulation.

These net-positive increases additionally:

- Optimizes pulmonary function and protect against Pulmonary Bleeding and Respiratory Fragility.
- Protects against or speed up recovery from EIPH (Exercise Induced Pulmonary Hemorrhage).
- Protects against or speed up recovery from OPD (Obstructive Pulmonary Disease).
- Maximizes the horses natural ability to obtain peak performance and results.

Toxicity in Open Barns

Think having an open barn takes care of your toxicity problems?

Think again.

While airborne contamination may be **temporarily** alleviated during a short breeze, the fact is even open barns cannot ventilate enough toxic vapor and contaminants such as ammonia to protect your equine investment.

The more time your horse's lungs spend filtering out ammonia, the greater the deterioration in their overall health.



From small stables to large equine training facilities, **BioOx scales with you.**

Whether you're an equine breeder, stable, or large-scale performance training facility, BioOx systems offers a system that fits your air cleaning needs.

From the compact and efficient 85 series to the titan class 5000 series, our systems can grow as your equine operation does the same.

Get your seal of approval... **ours.**

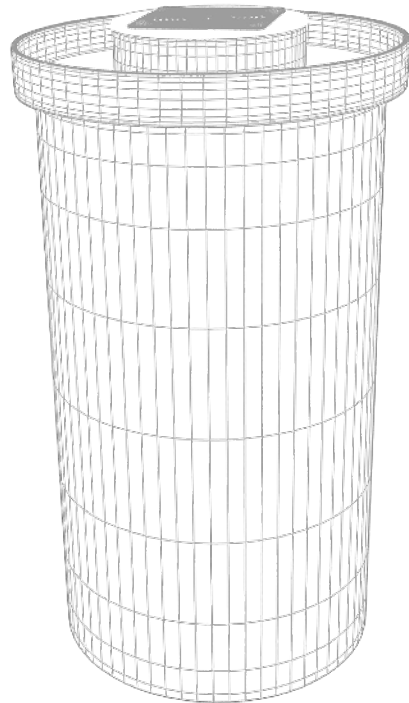
For a limited time, we are **certifying equine stable locations** that install the appropriate BioOx Unit(s) with certification and signage that can be displayed at your location so your customers know you're making **huge strides** to ensure the maximum health and performance of your horses.



BioOx

2021 CERTIFIED CLEAN AIR LOCATION

Technical Specifications



	BioOx® 85	BioOx® 300	BioOx® 650	BioOx® 5000
Nominal contaminant destruction, lbs/day	10	20	40	200
Area of influence* square feet	600	1500	3000	6000
Continuous Operation	YES	YES	YES	YES
Air flow ft ³ /min	100	239	665	2000
Water flow (GPM)	5 gpm	6 gpm	8 gpm	15 gpm
Fan speed (RPM)	1750 rpm	2950 rpm	1600 rpm	1600 rpm
Monthly BioOx® Media requirement**	4 oz / 125ml	8oz / 250ml	16oz / 473ml	32oz / 946ml
Container Vol (G)	10 G	40 G	90 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	115 Watts	600 Watts
Dimensions (D x H)	13" x 25"	21" x 45"	29" x 54"	41" x 66"
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® 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.

Technical Specifications

Filtering Method

- Convection
- Molecular charge attraction
- Bio-oxidation

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.

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%

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.

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 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.
3. 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.



Is your business ready
for **actual** clean air?

Contact us for a free review of your
facility's air purification needs.

BioOx[®]

Made in the U.S.A.

