

WHY TO USE BIO-OXYGEN IN YOUR HVAC SYSTEMS

A TEAM WATERHOUSE PRESENTATION

The Face of Global Bio-Oxygen Technology



THE MAGIC OF BIO-OXYGEN



1

Bio-Oxygen is scientifically calculated high purity activated Oxygen, with the added presence of catalytic Anions. It is the strongest natural oxidant for aerial sterilization. Also, it kills aerial infection like nobody else.

2

Its 5.5 times stronger as an oxidizer than pure oxygen. Gets converted to pure and stable O₂ just after killing infections. Zero toxic residue.

3

Using these properties, Bio-Oxygen is the most effective aerial sterilizer, water disinfectant, deodorizer, smoke suppressor, oxygen enhancer in percentage - gifted by Mother Nature.

BIO- OXYGEN IN EVERYDAY LIFE



INDUSTRIAL APPS

- Aerial infection control is essential in hospitals to prevent cross infection in OT / ICU / ICCU / NITU
- Mold formation and aerial bacteria are normal in food processing plants and these are easily eliminated in Bio-Oxygenated environments.
- Aerial Bio-Oxygen dozing is scientifically the only solution for fully eliminating foul stench in mortuaries, butcheries, leather processing units, hatcheries, public toilets etc.
- Perfect solution for eliminating aerial bacterial contamination in life-saving drug manufacturing pharmaceutical industries

BIO- OXYGEN IN EVERYDAY LIFE



DOMESTIC APPS

- Increase in Oxygen percentage & Air Sterilization in closed AC offices / malls / Residential buildings. Getting rid of “Sick Office Syndrome”.
- Smoke suppression is required in almost all factories to create a comfortable atmosphere for increasing productivity
- Ideal housekeeping aid in star hotels for sanitizing and deodorizing rooms and passages
- Sterilization of air in baby rooms, kids' rooms at home, Odour removal in presence of pets
- Rancid smell in bars and dance floors are easily deodorized
- Complete de-odorizer for washrooms / toilets in homes, offices, malls.

Are you aware that while we drink hardly 2 liters of water daily, we inhale a whopping 15,000 liters of air everyday?



WE CANNOT TAKE AIR FOR GRANTED.

Oxidize yourself.

BIO-OXYGEN IN HVAC



IT OFFICES / BPO / RESIDENTIALS / LARGE AIR CONDITIONED ZONES

Where hundreds of employees are breathing continuously for the whole day
Excess carbon dioxide and inhaling much less oxygen at the end of the day, consequently
loses the efficiency of our brain – makes us feel sick & sleepy

PROBLEM

Constant pressure of reduced oxygen level, especially in malls & closed air conditioned offices, induces us to inhale more hazardous gases and less oxygen at the end of the day with resultant fatigue

SOLUTION

Installing WITHERPRO7 turns the air fully hygienic & bacteria-free, increases aerial Oxygen for breathing - thereby increasing the productivity of employees at work

BIO-OXYGEN IN HVAC



HOW IT ACTUALLY WORKS

- The calculated amount of OSHA USA prescribed Ozone concentration produced along with the high purity activated Oxygen, increases the aerial Oxygen percentage while it De-Toxifies air.
- It is observed that when any HVAC system is left un-running overnight , there is a tendency of proliferation of pathogens and when you re-start the system in the morning the live pathogens are circulated with the air flow which disturbs the hygiene of the air .
- Also the fact that the louvers are opened periodically to dilute the CO2 and VOC concentration in the air, emanating from human breathing and other sources, and in the process the AC system is required to cool down that fresh (red HOT) air at the cost of the user.
- Thus during summer months there is an excess consumption of electricity to cool this excess hot air coming in from louvers.

BIO-OXYGEN IN HVAC



HOW IT ACTUALLY WORKS

- The frequency of louver opening can be reduced drastically, or avoided, by installation of our air sterilization unit WITHERPRO7 in the HVAC duct which will reduce the electrical consumption by 25-30%. This is because due to the scientifically balanced supply of bio-oxygen in the circulating air, the aerial Oxygen percentage is increased, infections and VOC are killed, CO2 is neutralized - thereby nullifying the need of inviting HOT fresh air through the repeated opening of louvers and cooling down an unnecessary hot and untreated air to maintain a cool temperature inside. The entire air can be internally re-circulated, while enhancing the Indoor Air Quality & save huge power expenses.
- Cost Savings : After Bio-Oxygenation, yearly power savings are calculated to be an average of USD 18,150 for every 25,000 CFM of AHU capacity. In a standard skyscraper having at least 100 of these AHUs, the yearly savings is therefore **USD 1,815,000 (1.8 million)**.

**AVERAGE POWER SAVINGS
PER YEAR :**

25%

TWENTY FIVE PERCENT

SUCCESS RATE :

100%

CENT PERCENT





**STAY
HEALTHY.
LIVE CLASSY.**

save on
excess e-bills.
switch to
Waterhouse.

THAT'S ALL, FOLKS!

THANKS FOR READING.

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