



Scan me

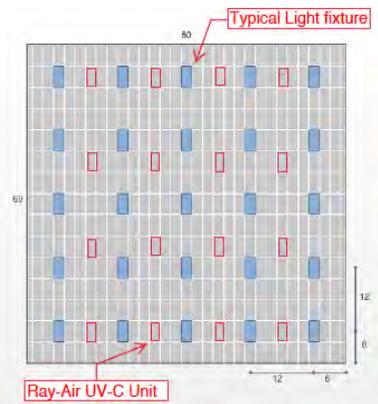


From domestic and foreign parts

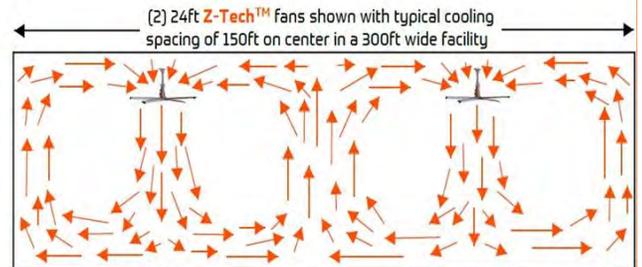
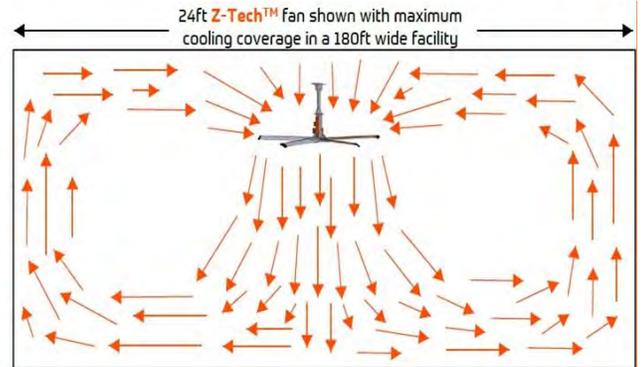
RAY-AIR

Ray-Air LIT & Ray-Air UV-C

GFY: Ray-Air / Ray-Air LIT / Ray-Air UV-C Sanitizer (Global Commercial, Residential & Industrial solutions)
There is no application where these products cannot adapt. Drop ceiling or decorative floating suspended ceilings and the **Ray-Air** family's ability to integrate invisibly or beautifully within a space makes **Ray-Air** your perfect choice!



- Typical **Ray-Air** Layout:
- 12ft x 16ft grid pattern
 - 192 sq ft per unit
 - Nominal 6 air turnovers
 - **Ray-Air** is the optimal system for ceiling heights 12ft and under.



- Ceiling heights exceeding fourteen feet can request optional higher output (CFM) counter rotating fans and incorporate them into their system design.
- **GFY** HVLS fans will partner and assist **Ray-Air UV-C** in large spaces providing the additional required air movement.

FACT: Turning the air over in any space more often will create a healthier space, save money and help all companies meet their green initiatives! Click [HERE](#) to see the NICOR study and report.



EXECUTIVE SUMMARY:
 During this pilot, HVLS fans were run for destratification purposes during the heating season and created a gas **savings of 21.4%** compared to a baseline time period without destratification fan operation when normalized to heating degree days (HDDs).

THE EXPERTS CONCLUDE:
 HVLS fans in a typical uncontrolled environment with poor insulation will average 20%-30% energy savings! **GFY's** patented **Ray-Air** will meet or exceed the published factual energy savings working non-disruptively (low pressure large scale air movement) providing two attractive ROI's:

Return on Investment & Return on Illness

Ray-Air / Ray-Air LIT / Ray-Air UV-C LOVE MODERN ACOUSTICAL CEILING!!





What about the cost of a **Ray-Air UV-C** system? Is there really an upfront cost? Companies and businesses globally are looking for a way to bring back their most important asset: Personnel. What is the **cost of your building having ZERO OCCUPANCY?** What's the cost on the back end of **doing nothing, or the wrong thing?** Only **Ray-Air UV-C** is **patented, UL certified and UL validated safe.** It is the answer for the air sterilization of all your indoor spaces.

2020 PANDEMIC AND BEYOND ARE YOU PREPARED?:

Just what will be the role of workers compensation in your state?

<https://www.ncsl.org/research/labor-and-employment/covid-19-workers-compensation>

EMPLOYERS FACE INCREASE IN COVID-19 WRONGFUL DEATH LAWSUITS:

<https://www.insurancejournal.com>

As COVID-19 cases and deaths continue to rise, so too does the number of lawsuits filed against employers. Recently, an increasing number of families of employees who died from COVID-19 have asserted wrongful death actions against employers for failing to keep their family members safe while at work. What can employers learn from these lawsuits to not only keep their workers safe but avoid being on the receiving end of such a claim?

<https://www.fisherphillips.com/covid-19-litigation>

<https://mlb.nbcsports.com/2020/12/05/mlb-sues-insurance-providers-cites-billions-in-virus-losses/>

Ray-Air UV-C has ZERO short-term or long-term negative side-effects – ZERO. **Ray-Air UV-C** was UL validated that it does not leak dangerous UV radiation into your space.

ONLY RAY-AIR UV-C IS CERTIFIED SAFE TO USE WHILE YOUR SPACE IS OCCUPIED!

Other UV and/or airborne solutions might work but there is little evidence of the short-term exposure effects and zero long-term data. You cannot extrapolate or estimate the damage any UV radiation does to human tissue. Ionization and "safe" UV 207-222nm wavelengths could have drastic long-term exposure side-effects currently unknown. What will happen after thousands, tens of thousands, even hundreds of thousands of hours of exposure? **NO ONE KNOWS.**

Air filters help but cannot do it alone and require constant maintenance and costly replacement to be effective.

When used properly, air cleaners and HVAC filters can reduce airborne contaminants including viruses in a building or small space. By itself, **air cleaning with filtration is not enough to protect people** from exposure to the virus that causes COVID-19.

IONIZED AIR HAS SHOWN SOME PROMISE. ARE THERE KNOWN SIDE-EFFECTS OF IONIZED AIR?

1. Small particles charged by ionizers, rather than being collected, are sometimes left suspended in the air, which can exacerbate asthma symptoms.
2. Ionization may generate ozone as a byproduct, which can worsen asthma symptoms and other respiratory problems.

Health Effects of Ionizers | LIVESTRONG.COM

<https://healthfully.com/health-effects-of-ionizers>

Ionizing radiation can also be generated artificially by X-ray tubes, particle accelerators, and any of the various methods that produce radioisotopes artificially. Ionizing radiation is not detectable by human senses, so radiation detection instruments such as Geiger counters must be used to indicate its presence and measure it.

https://en.wikipedia.org/wiki/Ionizing_radiation



UV LIGHTS AND LAMPS: ULTRAVIOLET-C RADIATION DISINFECTION:

<https://www.fda.gov/uv-lights-and-lamps-ultraviolet-c-radiation-disinfection-and-coronavirus>

Lamps may emit very specific UV-C wavelengths (like 254 nm or 222 nm), or they may emit a broad range of UV wavelengths. Some lamps also emit visible and infrared radiation.

LONG-TERM EFFECTS OF 222nm ULTRAVIOLET RADIATION ("SAFE" FAR UV-C):

<https://pubmed.ncbi.nlm.nih.gov>

Germicidal lamps that emit primarily 254 nm ultraviolet radiation (UV) are routinely utilized for surface sterilization but cannot be used for human skin because they cause genotoxicity. As an alternative, 222-nm Far UV-C has been reported to exert sterilizing ability comparable to that of 254-nm UVC without producing cyclobutane pyrimidine dimers (CPDs), the major DNA lesions caused by UV. However, there has been **no clear evidence** for safety in chronic exposure to skin, particularly with respect to carcinogenesis. **NO ONE KNOWS!**

"WE ALREADY INSTALLED UV LIGHTS IN OUR HVAC SYSTEM. WE DO NOT NEED RAY-AIR UV-C."

Adding UV lights to your HVAC system may be helpful in the war against Covid-19 and all airborne pathogens but it is far from a "magic bullet" and has **never been tested for efficacy sterilizing viruses**. UV in HVAC does great things for the HVAC system and duct work, but it has several challenges when trying to clean the air inside your spaces:

1. The pass rate of the air over the UV emitter is very, very fast.
 - a. **UV light does not sterilize viruses and bacteria immediately.** The intensity of the UV light and the time the viruses and bacteria are exposed are critical data in this equation.
2. The volume of air in the UV zone is quite large.
 - a. **Distance from the UV emitters** hampers sterilization efforts. Distance reduces the intensity of the UV light exponentially. Greater distance means less intense UV light which means longer exposure is required to sterilize bacteria and viruses.
3. Your HVAC system may not run all the time.
 - a. **Many HVAC systems do not run every minute** your space is occupied.
 - b. Even if they do run the airflow in each space is changing throughout the day.
 - c. If the room is not receiving airflow from the HVAC system the air in the room is not being cleaned.
 - d. HVAC cannot completely exhaust all the air in the room and replace it with clean air often enough to make a substantial impact on the life of viruses and bacteria in the room.

Ray-Air UV-C is a critical component to exponentially improve your HVAC's UV sanitation efforts! **Ray-Air UV-C** overcomes all the challenges your HVAC faces. HVAC cannot do this alone!

Ray-Air UV-C:

1. **Works safely in the room** while your space is occupied! UL certified for UV-C light exposure.
2. Exposes all the air in every room to UV-C LED technology from world leader Seoul Viosys **several times every hour** and was proven by efficacy testing completed at MICROCHEM in 11/2020 to sterilize a 10x10x8ft test chamber over 91% clean of MS2 virus (Covid family) in only 30 minutes and well over **99% sterilized in 90 minutes!!**
3. Provides active, relentless virus and bacteria sterilization that **seeks out airborne pathogens and attacks them** the second they enter the room!

HVAC UV & Ray-Air UV-C are the ultimate team!! Your HVAC is a critical component for healthy air due to its ability to bring fresh, outside air into your spaces and exposing that air to UV light may help reduce airborne pathogens. Once that air is inside the room **Ray-Air UV-C** takes over and creates a far healthier space by constantly searching out airborne pathogens and sterilizing them including pathogens that survived your HVAC-UV.

<https://www.pickhvac.com/faq/hvac-uv-lights/>



<https://www.trane.com/>

The transmission of Covid-19 may occur in a variety of ways and circumstances, many of the aspects of which are currently not known. HVAC systems, products, services and other offerings have not been tested for their effectiveness in reducing the spread of Covid-19, including through the air in closed environments.

UV has not even been tested in HVAC. Ray-Air UV-C has been tested definitively by two widely recognized and accepted US based firms and passed with dramatic results both times!!

WHAT ABOUT UV ROBOTS? THEY WORK. BUT THEY HAVE EXTREME LIMITATIONS RAY-AIR UV-C DOES NOT.

- They are **very expensive** to purchase, operate and maintain.
- They cost a **great deal of man-hours to operate** day after day after day after day after day.
- They **can't help** your space when your people are the most vulnerable, **while the space is occupied!!**
- Just where are you going to safely store your UV Robots when you're not using them so they do not get damaged.
- At some point someone is going to walk in the room while the unit is operating. **They are not safe.**

"SAFE" FAR UV-C LIGHT (207-222nm WAVELENGTHS). NO ONE KNOWS THE LONG-TERM EFFECTS OF EXPOSURE:

Will "safe" Far UV-C be the next Zantac? We all hope not. What is critical is **NO ONE KNOWS**. Zantac was thought safe until we got real, non-extrapolated data on the long-term effects of exposure. Zantac side-effects include:

- Anemia and other concerns about blood cells
- Liver function and possible liver damage
- Vertigo
- Cardiovascular concerns including a heart rate that is too slow, too fast, or irregular
- Meningitis and other brain-related complications
- Dystonia
- **CANCER**

<https://zaneslaw.com/zantac-cancer-lawsuit>

Will all your employees get the Coronavirus inoculation? Not everyone will get this new vaccine. People have very valid concerns about it and **no vaccine is 100% effective**. Consider the common annual flu shot:

Scientists had a working flu vaccine by the 1940s, after the influenza virus was first discovered in the early 1930s. Soldiers fighting in World War II were the first patients to receive the flu vaccine when it was approved for military use in 1945 and civilian use was approved the following year. 75 years later and **maybe 45% of the global population gets vaccinated** for influenza.

<https://fortune.com/2018/01/19/flu-shot-history>

Ray-Air UV-C sterilized over 99% of MS2 (Covid-19 & Influenza family of viruses) in only 90 minutes. This is active, relentless sterilization you cannot get from sanitizing your space or installing UV-C technology in your HVAC system.

Ray-Air UV-C works in the room while occupied immediately attacking airborne pathogens introduced into your space. MICROCHEM completed efficacy testing of **Ray-Air UV-C** powered by LED's from world leader Seoul Viosys in 11/2020.

Ray-Air UV-C was also tested 2 years ago by Biological Consulting Services of North Florida. Originally called "Recirculite" this predecessor to **Ray-Air UV-C** performed just as well with non-LED technology powering the virus sterilization efforts of the unit. LED advances in lifespan made **Ray-Air UV-C** the viable product it is. Worthy of the name, "**Go Fan Yourself**".



Click the document to see the full report - 11/2018

Click the document to see the full report - 11/2020

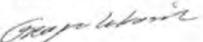
BCS inc. **BIOLOGICAL CONSULTING SERVICES OF NORTH FLORIDA, INC.**

July 25, 2018
 Bill Carson
 Go Fan Yourself
 1032 National Parkway
 Schaumburg, IL 60173
 920-723-0531
 bill@gofanyourself.com
 Client ID: Recirculte With UV

BCS ID: 1806202, 1806203

Project Name: Recirculte with UV Efficacy Testing
 Dear Bill Carson,
 We have completed the disinfection efficacy study on the submitted units/materials as outlined in the report notes. The contaminant species, study conditions, and parameters utilized were based on client's request and adaptation of the guidance documents and protocols listed below:
 Client requested protocol; BCS SOP-D1 (ISO17025 accredited)

Following, you will find our report of the study conducted on the referenced samples. Should you have any questions, please do not hesitate to contact me.

Sincerely,

 George Lukatik, Ph.D.
 Laboratory Director

Page 1 of 31
 Client: Go Fan Yourself
 Final Report BCS ID: 1806202, 1806203 Revision # 0: 07/25/2018

BCS LABORATORIES, INC. - GAINESVILLE
 4609 NW 6TH STREET, STE. A, GAINESVILLE, FLORIDA 32609
 TEL: (352) 377-9272, FAX: (352) 377-5630
 WWW.MICROBIOSERVICES.COM
 FL DOH #E02924, ISO/IEC 17025:2005 L2422 (ANAB), PA DEP# 6903950, EPA# FL01147
 THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF BCS LABORATORIES



MICROCHEM
LABORATORY

STUDY REPORT

Study Title
Antibacterial Activity and Efficacy of Go Fan Yourself's Test Device

Test Method
Custom Aerosol Study

Study Identification Number
NG16621

Study Sponsor
Darrin Niemiec
Go Fan Yourself
darrin@gofanyourself.com

Test Facility
Microchem Laboratory
1304 W. Industrial Blvd
Round Rock, TX 78681
(512) 310-8378
Report Author: Samuel Hanley, B.S.

1304 W. INDUSTRIAL BLVD, ROUND ROCK, TX 78681 | © 2016 | CONTACT@MICROCHEMLAB.COM | 512.310.8378

MICROCHEM test chamber 11/2020





Ray-Air, Ray-Air LIT & Ray-Air UV-C UL Certified & DLC Listed

- WLC Enterprises, Inc. dba Go Fan Yourself-GSAv2-6000698789.pdf
- Notice of Authorization-2019-10-17-4789207870 .pdf
- E506947-20200529-CertificateofCompliance.pdf
- E506947-20200000-Description.pdf
- E506947-20190000-Description.pdf
- ATL AMF E506947 100528780.pdf
- 4789445722 NOA 2020-05-29.pdf
- 4788937534 NOC 2019-07-10.pdf
- 13474469-13474469.01.pdf

Contact **Go Fan Yourself** if you would like copies of any of our UL and DLC certifications for **Ray-Air, Ray-Air LIT & Ray-Air UV-C**

Click document for the
Photobiological Safety Test Report

Click document for the
Radiation Safety FAQ from UL

UL **UL LLC**
1075 W Lambert Rd Suite B
Brea, CA 92821

Photobiological Safety Test Report

Relevant Standard
IEC 62471

Catalog Number
GFY-UVC

Order Number
13474469

Test Number
13474469.01

Test Date
2020-09-04

Prepared By
Khang Nguyen
Khang Nguyen, Technician

Approved By
Eric Gaadreau
Eric Gaadreau, Engineering Leader



In today's world, products spanning consumer technology, the medical industry, tools, laboratory equipment and beyond can employ a laser or LED. UL's optical radiation services provide manufacturers with the testing and evaluation data to meet their specific needs, ranging from simple optical output measurement results to full IEC CB test reports with CB certificates.

What are the LED radiation safety requirements?

LED radiation safety requirements are generally contained in the ANSI RP-27 and IEC 62471 series of standards. These standards consider the photobiological (interaction of light on living beings) effects of radiation on the skin and eye. These standards contain requirements for classifying the LED radiation, labeling, user manual statements, etc.

How is a potential LED radiation hazard from a product conveyed?

When evaluated to the LED radiation safety standards, the LED radiation is assigned a Risk Group classification. There are four possible Risk Groups: Risk Group Exempt, Risk Group 1, Risk Group 2, and Risk Group 3. Risk Group Exempt is the least hazardous and Risk Group 3 is the most hazardous. The higher the Risk Group, the more safeguards you should expect to see on the product.

Is the radiation emitted by lamps also evaluated for photobiological effects?

Yes, lamps are also included in the ANSI RP-27 and IEC 62471 series of standards. They are evaluated in a similar manner as LEDs.

How are LED-based image projectors checked for radiation safety?

IEC 62475-5 - "Photobiological safety lamps and lamp systems - Part 5: Image projectors" addresses radiation safety specifically from projectors incorporating LEDs and lamps, as well as laser-illuminated projectors that fulfill the requirements specified in IEC 60825-1:2014 (Ed. 3).

How is the Risk Group of LED radiation determined?

The Risk Group of LED radiation is determined by a series of irradiance and radiance measurements on the radiation. Once these irradiance and radiance values are measured, they are used in summation equations for comparison to various Exposure Limits defined in the standards. For example, there are limits for hazards

such as Ultraviolet (UV), Blue light, infrared, etc. Also, the standards consider some wavelengths to be more hazardous than others, so there are weighting factors applied to certain wavelengths in some cases. Each Risk Group (Exempt, 1, 2, and 3) has limits for each of these various hazards. When it is determined that all of the measurement results fall below all Exposure Limits in a Risk Group, the radiation is then described as belonging to that particular Risk Group.





More Air Turnovers Per Minute or Hour increase oxygen levels for better brain function and health. The **Ray-Air** family will drastically reduce indoor space CO2 & VOC's (volatile organic compounds) levels.

<https://www.epa.gov/indoor-air-quality-iaq/what-are-volatile-organic-compounds-vocs>

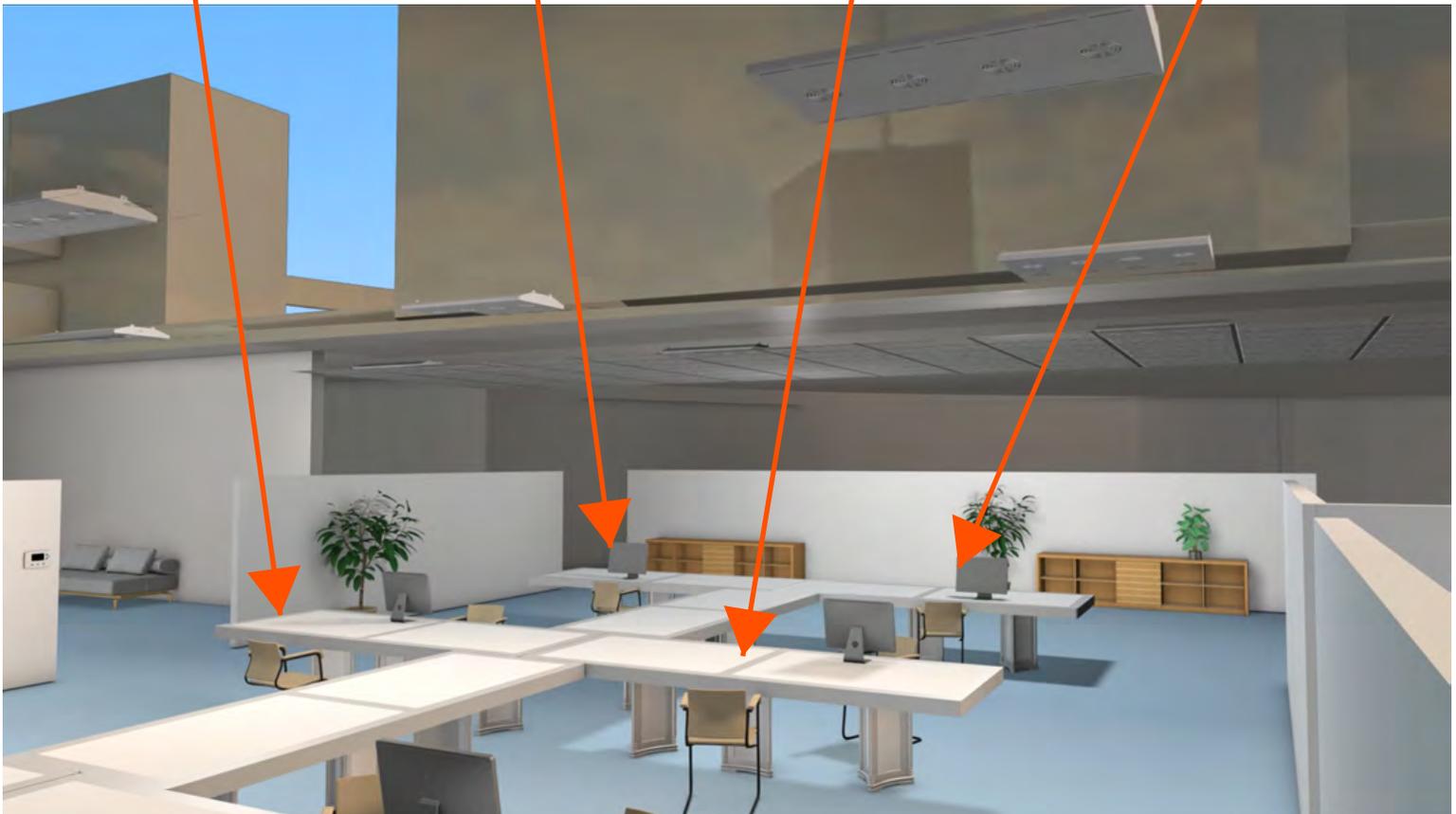
Imagine your space. Even after we have a Covid-19 vaccine. The vaccine, just like the flu shot, will only last 3-6 months. Some people will not get it. A few will catch Covid-19 after getting the shot. Think about your space and the people inside it:

Covid-19 Shot 94%

No Shot

Asymptomatic

Covid-19 Shot 95%



Only **Ray-Air UV-C** will attack any pathogen introduced into your space immediately and continue its assault until the pathogen is sterilized. This is active relentless protection brought to you safely by **Go Fan Yourself!** Click [HERE](#) for a video on the Ray-Air family of products. Click [HERE](#) to see the video on our YouTube channel.

Vaccines may not mean the end of Covid-19 - See what Dr. Fauci said on 09/25/2020:

<https://www.eatthis.com/dr-fauci-masks-after-vaccine/>



Why Choose **Ray-Air, Ray-Air LIT & Ray Air UV-C?**

1. Proven LED UV-C Sterilization Technology from world leader Seoul Viosys.
 - a. Over 99% effective for MS2 (Covid-19) sterilization in only 90 minutes!
2. Long Product Life
3. Zero Man-Hours Required to Operate
4. Zero Operational Maintenance
 - a. No filters to change constantly
 - i. Every time you change filters you risk re-infection of your space
5. UL Certified
6. UL Certified Safe for Use While Your Space is Occupied
7. Efficacy Testing Completed on Gen 1 (Recirculate) in 11/2018
8. Efficacy Testing Completed on Gen 2 (**Ray-Air UV-C**) in 11/2020
9. **No Unknowns**
10. **Zero Risk**
11. **No Threat** of Side-Effects From Long-Term Exposure to Dangerous UV Radiation
12. Supports and Enhances All Sanitation Efforts You are Currently Doing
13. Supports and Enhances All Sanitation Efforts in the Future
14. Non-Disruptive Air Movement
 - a. Low pressure
 - b. Large scale
15. Deploys Invisibly or Beautifully in All Your Spaces
16. Saves Energy
 - a. Meet your green initiatives with a **Ray-Air** system
17. Very Quiet
18. Easily Adaptable for Control with Existing BMS
19. Fight Sick Building Syndrome 24/7/365
20. Reduce Humidity and Condensation
21. Inhibit Mold and Mildew Growth
22. Increase Employee Retention
23. Improve Visitor and Customer Experience
24. Buyer Beware:
 - a. "Patent pending" devices - ask to see the patent submission.
 - b. "Tested" was the device tested by a reputable company or the UV emitter by the mfg? Do not settle for products never tested as constructed.
 - c. UL certified - do not settle for anything less than UL.
 - d. Do not allow UV-C radiation or ionized particles with completely unknown long-term exposure side-effects to flood any part of your indoor space.

Bring all the vast benefits of **LIVE MOTION BREATHING SCIENCE** to all your spaces with **Go Fan Yourself!** **GFY** is all about airflow and creating the most breathable space so you can be the most comfortable and the healthiest you can be. **Live Motion Breathing Science** is just that. Creating healthier spaces so every person can feel their best every day. No more space heaters and personal fans! No more hot and cold spots! Optional air sterilization while you are in the room and UL validated safe! Put the benefits of **Live Motion Breathing Science** to work and you will see and feel the difference in large spaces, office spaces, even your home!