

Breathe-Safe™ System - Air Purification In-HVAC Coil Disinfection

Boat/Marine Vessels Applications

Did you know?
Mold thrives in the cool moist interior of your AC system.

It robs efficiency & shortens the life of the system.



Moldy AC Coils



The Breathe-Safe™ System is a patented system that provides new Ultraviolet Germicidal Irradiation Technology (UVGI) for Boats and Marine Vessels

Kills harmful viruses, bacteria, and mold that are present in the air of a Vehicle/Vessel. The System is designed per requirements and HVAC system configuration & specifications.

Our Design-Build Models include all the standard system power components and mounting hardware for an easy installation.

System Models - *Check Models Brochure Below for further details*

12vdc (Small Boats)

24vdc or 110/120vac (Medium/Large Boats/Vessels)

37.5vdc or 110/120vac (Large/Specialized Vessels)

Standard Components (As applicable to each Model):

- Ballast(s): 12vdc or 24vdc or 37.5vdc or 110/120vac – 3yrs warranty
- Lamp(s): High output, Teflon sleeved for shatter proof, safety and protection – 1-yr or 2-yrs Models. **OZONE Free!**
- S-Filter - 5yrs Warranty
- All Accessories & Mounting Hardware

S-Filter Series



Electrostatic-ally Charged/UVC Resistant/Washable/Reusable

Check S-Filter Brochure for more details

Air Conditioner Evaporators



**Before
UV Installation**



**62 Days
After Installation**



**110 Days
After Installation**

Breathe-Safe™ System - Air Purification & Coil Disinfection Models

12vdc Models - Small Boats

M/N: BS 1000-SB (1-System, 1-Lamp Configuration)

P/N: SUVARE-BS-BS1000-SB

M/N: BS 2000-SB (2-Systems, 2-Lamps Configurations)

P/N: SUVARE-BS2000-SB



24vdc & 110/120vac Models - Medium/Heavy Duty

Boats & Vessels (110vac available for Vessels equipped with a dedicated 110vac circuit)

M/N: BS 1000BV-HMD (1-System, 1-Lamp Configuration)

P/N: SUVARE-BS1000BV-HMD

M/N: BS 2000BV-HMD (2-Systems, 2-Lamps Configurations)

P/N: SUVARE-BS2000BV-HMD



37.5vdc & 110/120vac Models - Large/Specialized Vessels

(110vac available for Vessels equipped with a dedicated 110vac circuit)

M/N: BS 1000BV-SV (1-System, 1-Lamp Configuration)

P/N: SUVARE-BS1000RM-RC

M/N: BS 2000BV-SV (2-Systems, 2-Lamps Configurations)

P/N: SUVARE-BS2000RT-RC

Note: All Systems are custom designed unless It is an existing design!



Breathe-Safe™ System - Air Purification Coil Disinfection - **BENEFITS SUMMARY**

SanUVAire UVGI Technology is GREEN!

HVAC System Kept in "Like New" Condition!

Longer HVAC Components life, Reduced Service Costs!

Increased Public SAFTEY for Passengers and Staff!

Air Quality Improvements: Cleaner Air!

Reduced Exposure to Airborne Diseases!

Keep Filters Clean!

Reduced Employee Exposure to Hazardous Germs Trapped in the "AIR FILTER": Air Filters Trap and Provide a Breeding Ground for Harmful Bacteria, Mold, Fungi, and Viruses. The UVC System Kills The Biohazard Germs and Makes it SAFER to Handle the Filters.

SAFER Working Conditions for HVAC Personnel!

The UVC System Kills The Biohazard Germs Accumulated on The HVAC System Components

COILS are Disinfected and Remain Clean. HVAC System Uses Less energy!

Reduced Fuel/Power Consumption as The HVAC System is Kept in "Like New" Condition!

Reduced Emissions!

Eliminate the Use of TOXIC CHEMICALS for Cleaning Evaporators!

Reduced Chemical Exposure to STAFF!

Eliminate Chemical Waste water Used in Cleaning Evaporators!

Longer Boat/Vessel Life!

Reduce Maintenance Cost, Increased \$AVING\$

Quick ROI

LOW Total Cost of Ownership!





UVC germicidal light is effective at disrupting the cellular membrane of the microorganism causing irreparable damage to the DNA resulting in the sterilization of the microorganism.

S-PURIFYER™

UVGI Air Sterilization System - is an "All-in-One" cost effective UVGI air purification system designed for small boats and marine vessels where it is not possible to perform an in-HVAC install.

Ultimate Protection against Airborne viruses and diseases.

The S-PURIFYER™ design uses our innovative UVGI Technology for indoor air purification. This is a discrete space saver system that can be easily installed. It is suitable for small to to medium size Vessels.

The S-PURIFYER™ comes with unique and quiet design internally that allows the air to slowly circulate and be fully exposed to the High output UV lamp, which is intensified by the reflective housing, which in turn, maximizes effectiveness to eliminate many contaminants & VOCs that affect the environment within the vehicle.

The S-PURIFYER™ is the ideal solution for what's commonly known as the "Sick Vehicle" Syndrome.



System Features

- ⌚ Perfect Solution for small to to medium size Boats/Vessels
- ⌚ Eliminates bacteria, viruses, germs, mold, allergens, VOCs
- ⌚ 13in. Quartz UVC/UVV "U" shaped Lamp
- ⌚ 10,000 micro-watts per/cm2 of UV intensity
- ⌚ Reflective Housing to maximizes UV intensity
- ⌚ Warranty: Lamp 16,000hrs/2yrs. Motor 2yrs, Ballast 3yrs Filter 5yrs (Washable/Reusable - UV Resistant)
- ⌚ Backed by SanUVAire's Quality Assurance
- ⌚ Patented Design
- ⌚ ETL certified
- ⌚ Operates on 12/24vdc system power with built-in voltage cutout
- ⌚ Safety Disconnect Switch For maintenance access
- ⌚ Easy install



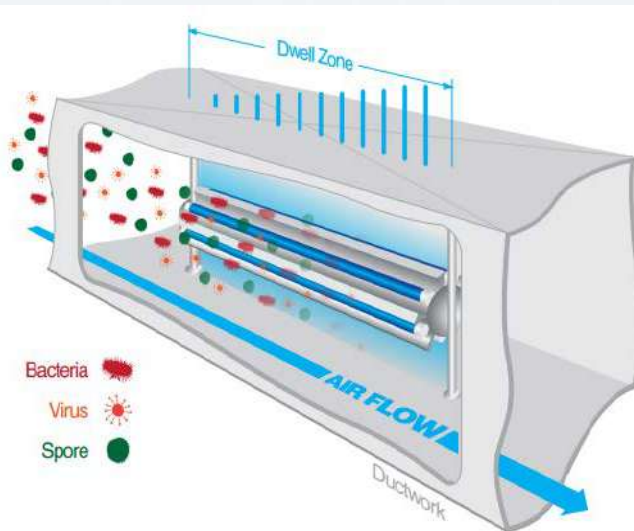
888.611.6660

Made in USA

WWW.SANUVAIRE.COM



Breathe-Safe™ System - Air Purification In-DUCT Application



The Breathe-Safe™ In -Duct discrete System is a patented system that provides new Ultraviolet Germicidal Irradiation Technology (UVGI) for Marine Vessels.

This new technology kills harmful viruses, bacteria, and mold that are present in the air of a Marine Vessels. The System is designed per specifications and includes all the standard system power components and mounting hardware for a simple and easy installation.

Standard system components are:

- Remote Ballast(s): 12vdc or 24vdc or 37.5vdc
2-yrs warranty
- Lamp(s): High output Teflon sleeved for shatter proof, safety and protection – 1-yr and 2-yrs Models. **OZONE Free!**
- Mounting Hardware
- HVAC Filter (Strongly Recommended)



888.611.6660

WWW.SANUVAIRE.COM

Made in USA





S-FILTER™

The Re-usable, Washable & Recyclable Filter. **GO GREEN!**

DID YOU KNOW?

Over 6000 throw away filters are being disposed. Most properties use throw away air filters!

You can reduce and eliminate the wastefulness by using our lifetime recyclable S-Filter™

By Using The S-Filter You & Your Organization can BECOME...

GREENER & MORE SUSTAINABLE: By Reducing Energy consumption & Greenhouse Gases for Manufacturing and Disposal of smaller amount of filters.

GREAT COST SAVINGS & LOW TCO: Less money spent on filter ordering, replacements and cleaning.

HEALTHIER: Less dust, pollen, mold and bacteria. No Harmful Emissions!



Filter Specifications

- UVC resistant
- Constructed of 100% woven AAA 81591 TN Polypropylene in the front and back layers
- 100% woven AAA 7154WL Polypropylene in the accumulation layer.
- Holding capacity of ASHRAE 120grams,
- Dust arresntance of 88% ASHRAE
- Initial resistance of 0.14in. W.G @1200CFM across all layers.
- Commercial/Industrial Quality
- Reusable & Easy to clean with water
- 5-yr warranty - However will usually outlast your equipment. Only the best materials used.

Health Benefits & Performance

- ❖ Highly Effective - traps dust, pollen, mold and bacteria.
- ❖ Electrostatic/Self Charging - No harmful emissions which are common with electronic air cleaners. No electrical hook-ups required.
- ❖ Easy to Install - Just slide into your unit.
- ❖ Easy to Clean - Just clean with water, shake and return.
- ❖ Built to Last - Workmanship & Materials
- ❖ Cost Effective - Savings of hundreds of \$\$\$



888.611.6660

Made in USA

WWW.SANUVAIRE.COM



MARINE FACILITIES PRODUCTS



Breathe-Safe™ Standard Commercial UV Light System

L-brackets or panel mount for easy installation.



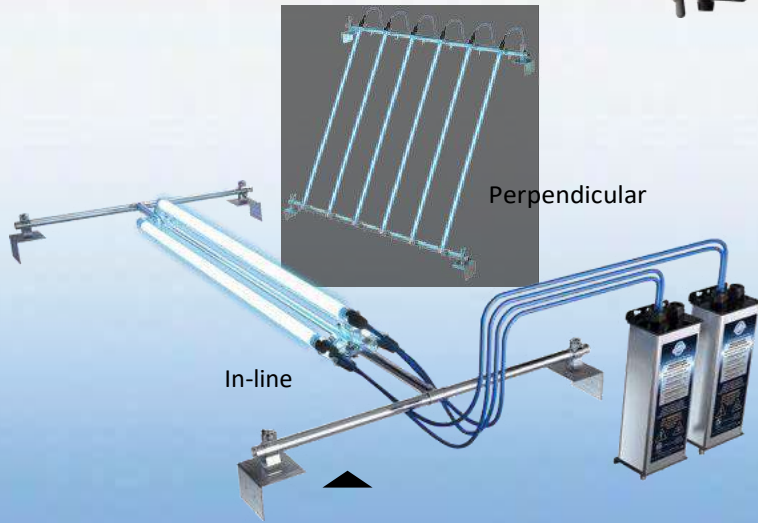
Breathe-Safe™ Rack System

Mounts using 1/2" EMT tubing for cost-effective, flexible installations.



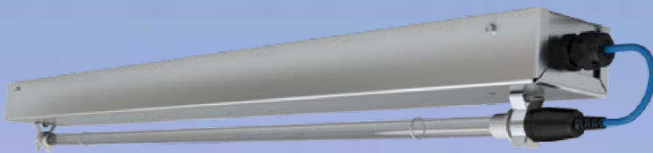
Perpendicular

In-line



Breathe-Safe™ Airborne Duct System

High output lamps for maximum airborne kill. Mounts In-line with, or perpendicular to, the duct with optional APCO modules.



Breathe-Safe™ PCO® Rack System

Our most advanced system. Award-winning APCO® technology fights odors and VOCs. Normal or high output lamps (for duct mounting).



Breathe-Safe™ Tight-Space Kit™

Ideal for PTACs, fan coils, & wall-mount systems.



Surface-Safe™ Environmental Surface Disinfection System

is a wall or ceiling-mounted fixture which provides high-output surface disinfection in unoccupied spaces such as operating rooms, veterinary facilities etc.

Breathe-Safe ICE The first germicidal UV light system for ice machines. ICE UV works around the clock, killing germs and saving money on ice machine maintenance.



888.611.6660

WWW.SANUVAIRE.COM

Made in USA

