

# Breathe-Safe™ System - Air Purification In-HVAC (Roof Top/Rear Mount) Coil Disinfection Bus/Rail Car/Boat/Marine Applications

**Did you know?**

Mold thrives in the cool moist interior of your AC system.

It robs efficiency & shortens the life of the system.



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

**Kills harmful viruses, bacteria, and mold that are present in the air of a Vehicle/Vessel. The System is designed per Vehicle and HVAC system (Roof Top or Rear Mount configurations) 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 (Para-Transit/Cut Away)

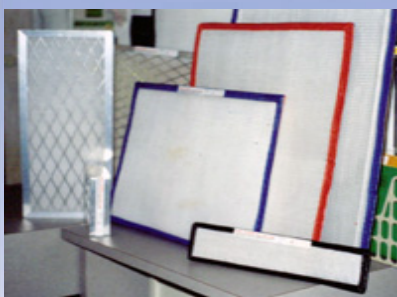
24vdc or **110/120vac** (Medium/Heavy Duty Buses)

37.5vdc or **110/120vac** (Rail Cars)

**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

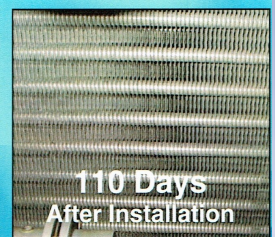
**S-Filter Series**



Electrostatic-ally Charged/UVC Resistant/Washable/Reusable

Check S-Filter Brochure for more details

**Air Conditioner Evaporators**



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

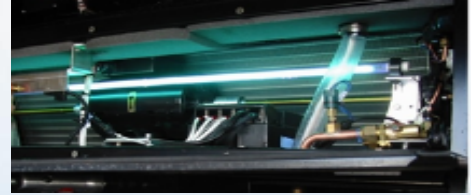
### 12vdc Models - Trolleys/Para-Transit/Cut Away Buses

M/N: BS 1000RM-CA (For Overhead Rear Ceiling Mount HVAC Coils Configurations)

P/N: SUVARE-BS-BS1000RM-CA

M/N: BS 2000RT-CA (For Roof Top HVAC Split Coils Configurations - (2) Systems per HVAC)

P/N: SUVARE-BS2000RT-CA



### 24vdc & 110/120vac Models - Medium/Heavy Duty Buses (110vac available for buses equipped with a dedicated 110vac circuit)

M/N: BS 1000RM-HMD (For Rear Mount HVAC Coils Configurations)

P/N: SUVARE-BS1000RM-HMD

M/N: BS 2000RT-HMD (For Roof Top HVAC Coils Configurations - (2) Systems per HVAC)

P/N: SUVARE-BS2000RT-HMD



### 37.5vdc & 110/120vac Models - Trains/Rail Cars

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

M/N: BS 1000RM-RC (For Rear Mount HVAC Coils Configurations)

P/N: SUVARE-BS1000RM-RC

M/N: BS 2000RT-RC (For Roof Top HVAC Coils Configurations - (2) Systems per HVAC)

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 Drivers!**

Air Quality Improvements: Cleaner Air!

**Reduced Exposure to Airborne Diseases!**

Reduce Drivers Absenteeism!

**Reduce Employees & Ridership Insurance Claims!**

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 Bus /Rail Car Life!**

Reduce Maintenance Cost, Increased \$AVING\$: \$2200/yr/Bus!

**Quick ROI: 1 Year**

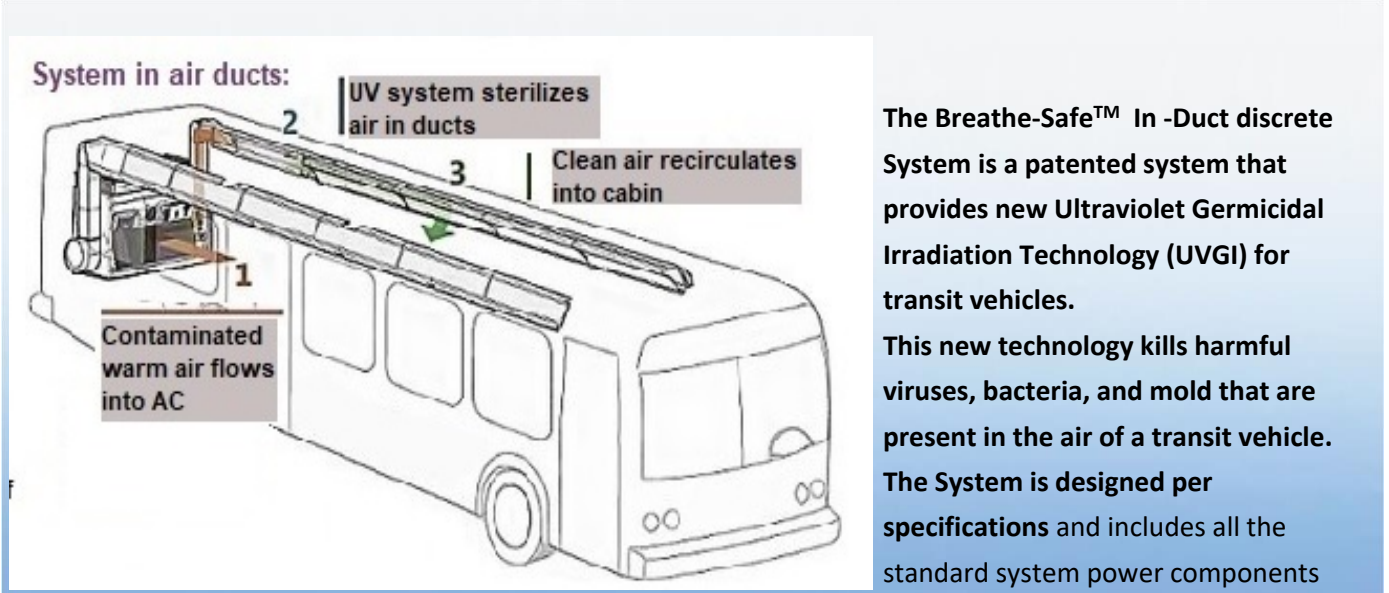
**LOW Total Cost of Ownership!**





# TRANSIT PRODUCTS

## Breathe-Safe™ System - Air Purification In-DUCT Bus & Rail Car Application

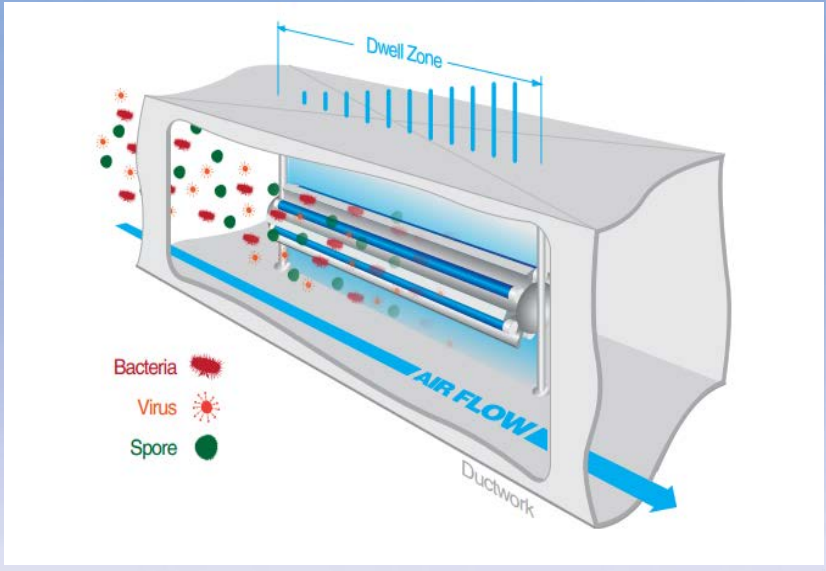


The Breathe-Safe™ In -Duct discrete System is a patented system that provides new Ultraviolet Germicidal Irradiation Technology (UVGI) for transit vehicles.

This new technology kills harmful viruses, bacteria, and mold that are present in the air of a transit vehicle. 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 of by Transit Agencies. Most transit properties use throw away air filters of approximately one (1) filter per month or 12 per year per bus. That is 1200 Filters per year for every 100 buses!

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

**By Using The S-Filter 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:** Cost savings of \$24,000 annually per 100 bus fleet! Less money spent on filter ordering, replacements and cleaning.

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

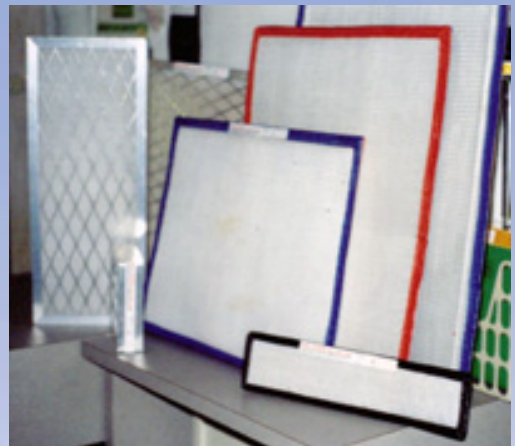


**Filter Specifications**

- 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 \$\$\$



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# TRANSIT FACILITIES PRODUCTS



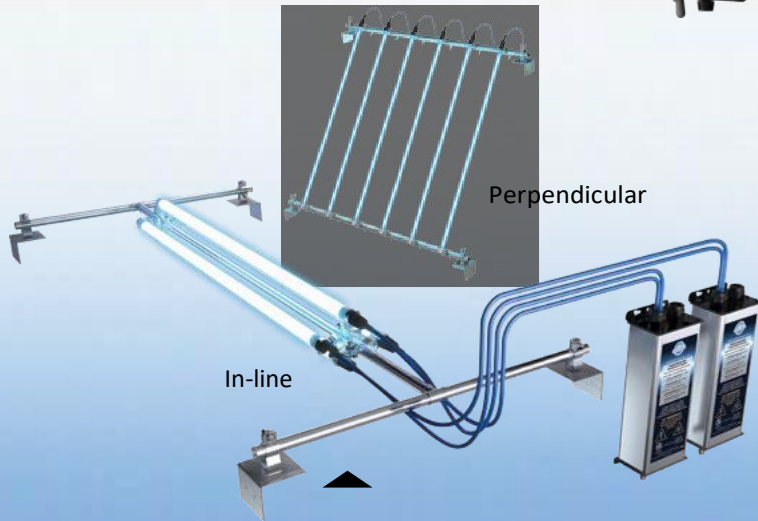
## Breathe-Safe™ Standard Commercial UV Light System

L-brackets or panel mount for easy installation.



## Breathe-Safe™ Rack System

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



## 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).

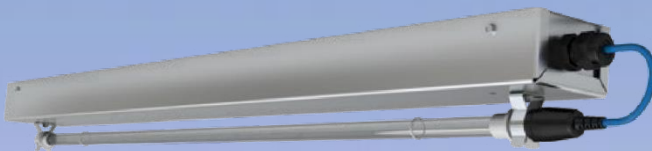
## Breathe-Safe™ Tight-Space Kit™

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.



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