

Frequently Asked Questions

Why does the SanUVAire UV System kill germs?

Our Patented Technology uses specially designed UV-C lamps (the frequency used in germicidal UV lights) that kills germs by disrupting their DNA which prevents them from reproducing, effectively killing them. In nature this frequency of light is filtered out by the Earth's atmosphere so microbes have no defense against it.

How long does it take for SanUVAire UV System to kill mold?

The germ-killing effect starts immediately with about 90% of surface microbes sterilized within the first few minutes, and about 99.9999% of surface and air microbes are sterilized after the first 24 hours.

Don't Filters trap and kill germs?

No. Filters only trap dust, lint and some dirt, primarily large particles, but not germs or small particles like microbes! When filters get dirty and clogged, germs use them as breeding grounds and spores travel in the air causing illnesses next time the air goes on. **SanUVAire UV Systems and UVC resistant washable & reusable filters provide the best protection against germs & grime and keeps coils and air clean.**

The air system isn't running so why is the UV light still on?

Is the light on 24 hours a day or only when the blower/fan is on?

Does the UV light stay on when the heater is on?

These products are intended to be on 24 hours a day. Mold growth doesn't stop when the blower is off, and cycling the UV light on and off would shorten life of the UV lamp. Coils and Filters are breeding grounds for Germs, the UV-C system will disinfect the coils and filters and keep them clean.

How can we purify the air when the AC or heater isn't on?

If neither my furnace nor AC is running does this still purify the air?

Running the air system in "fan" mode will cycle air through the home without turning on the AC or heater. Many programmable thermostats have a setting for this as well. Coils and Filters are breeding grounds for Germs, the UV-C system will disinfect the coils and filters and keep them clean, in turn, the next time the AC or Heater is on no germs are carried through the ducts and vents.

Will SanUVAire UV light system kill mold in the walls?

No. UV-C germicidal irradiation can only kill microbes on surfaces that the light shines on directly (surface kill) or that pass by in the air stream (airborne kill).

Can SanUVAire UVC systems remove odors?

Yes. It is designed to fight volatile organic compounds (VOCs) which are the source of most household and chemical odors.

Is the UV light radioactive? Will radiation spread into my Bus, Rail Car, Business or home?

No. All light is a type of radiation but not the dangerous kind. UV light kills germs by giving them an intense "sunburn" and it only affects things it shines on directly. Nothing spreads into the home except clean air.

Is it OK to look at the UV light with sunglasses?

Yes. UV-C light will not pass through plastic or ordinary glass; however, always turn off the light or disconnect power to service the system. **SanUVAire UV systems are always equipped with a safety disconnect switch that will shut off the system to be accessed for service or any other reason.**

Can SanUVAire UV System reduce radon in your home?

No. Radon is a naturally occurring radioactive gas that can seep into your home from the ground below. It is not the product of any volatile organic compound (VOC) or biological contaminant so UV-C light has no effect on it.

Is SanUVAire UV System safe for people and pets?

Yes. When a UV light system is installed in a central air system the germ-killing effect takes place inside the air system and is limited to that area. There is no danger to any living thing except microbes that are carried by the air into the central air system or the ducts.

Is the reflected or distant UV-C light from SanUVAire UV Systems dangerous?**Should people with glaucoma and similar eye conditions be concerned about indirect UV-C light (blue glow) from Platinum IAQ products?**

No. The effect of UV-C light falls off quickly with distance because it is filtered by the atmosphere (air). It is recommended to avoid close direct and long exposure of skin and eyes.

Do the SanUVAire UV Systems produce ozone?

No, they don't produce any ozone and are perfectly safe.

Is it OK to look at the UV light directly?

It is not recommended to look at the UV light without UV Coated Sun Glasses. Longer direct close exposure to UV-C light can give your eyes a painful "sunburn". You should unplug or disconnect the unit to work on it. However, it is safe to look at it from a distance (few feet away). **SanUVAire UV systems are**

always equipped with a safety disconnect switch that will shut off the system to be accessed for service or any other reason.

Where can I purchase a replacement lamp (Emitter) and other parts for my system?

Contact us at: sales@sanuvaire.com