

The safety of our clients is paramount to us here at Client HVAC. And, we feel that assisting you with providing a healthy home for your family is just as important to us as maintaining your heating and cooling systems year round. That is why we offer services that address your home's indoor air quality, such as the installation of air purification systems.

Nearly all airborne particles are microscopic and can be impossible for even the most advanced disposable filters to catch. However, by replacing your HVAC filter completely with a high-efficiency air cleaner, you will not only significantly improve the air quality in your home, but you will also protect your heating and cooling equipment for years to come.

Poor air quality means that there is a variety of pathogens and contaminants floating around that you and your family are consistently breathing in. These may include bacteria, viruses, mold, and mildew. These irritants can cause preventable illnesses, as well as allergy and asthma attacks in those that are prone to these conditions. Having an efficient air quality solution means addressing the cause of these issues rather than the symptoms that they cause.

After all, your HVAC system is responsible for moving over 1 million cubic feet of air each day throughout your living space. That is what makes it the perfect spot for addressing your home's indoor air quality. This can be done by using a variety of solutions and products that are designed to catch and neutralize airborne contaminants, since 99% of these are nearly invisible to the naked eye and pass through even HEPA-quality filters easily.

This is why UV air purifiers are a better solution overall. They do not use filters to trap and remove irritants and microscopic particles. Instead, a UV lamp is used to release UV C light into your ductwork, cleansing your air supply of the contaminants that your HVAC system is circulating. It is effective because exposure to the UV energy damages bacteria, viruses, and mold down to the cellular level, destroying their actual DNA. This effectively kills these organisms, meaning that exposure to them will not harm your family members, guests, or pets. The damage caused by the UV light also keeps these entities from reproducing.

Since neutralized particles can't affect your sinuses, cause allergies, or spread illness, their existence within your home environment is moot. And, the best part is that UV C light energy is safe for use around humans and animals, while still retaining the ability to terminate single-celled beings that cause illness and discomfort. This is why it is a powerful biological disinfectant that we highly recommend for any home environment.

## UV Air Purifier Benefits

Installing a UV air purifier doesn't just help clean the air — it helps protect your family's well-being every single day. In fact, there are several compelling reasons why so many

homeowners are choosing UV-C technology as their go-to indoor air quality solution.

First and foremost, these systems can play a major role in keeping your family healthier. This is especially true during cold and flu season. UV-C lamps work by breaking down the DNA of airborne viruses that circulate through your home via sneezes, coughs, and day-to-day movement. By destroying them at the molecular level, the purifier stops the transmission of illness before it can spread to others in your household.

UV technology is also a game-changer for allergy sufferers. Traditional filtration methods might trap allergens, but UV light destroys them. That means the particles that once triggered itchy eyes, sneezing fits, or asthma attacks are now rendered inert and harmless. You're not just removing irritants from your air, you're neutralizing them before they can cause discomfort.

What's more, UV air purifiers are remarkably energy efficient. Unlike many traditional air cleaning devices, UV units don't rely on your HVAC blower fan running continuously, nor do they require additional motors or fans to operate. They use a minimal amount of electricity while delivering powerful results, making them both eco-conscious and budget-friendly.

And when it comes to upkeep? It doesn't get much simpler. Most UV systems only require a bulb replacement once a year, and sometimes even less often, depending on the model. There are no filters to change monthly or mechanisms to constantly monitor. It's a set-it-and-breathe-easy kind of solution.

**Are UV Air Purifiers Safe for My Home?**

This is one of the most common questions we hear, and it's a great one. Fortunately, today's UV air purifiers are specifically engineered with safety in mind.

The short answer is yes. They are absolutely safe when installed and used properly. These systems are designed to avoid accidental UV light exposure. When installed by a qualified HVAC technician, the UV lamp is placed in a way that directs energy upward, well away from anyone walking nearby.

Just as importantly, our recommended systems do not produce harmful ozone. While some ionizing air purifiers can release ozone as a byproduct - which has been linked to health concerns - UV air purifiers used in HVAC applications are ozone-free. That means you can enjoy cleaner air without introducing a new risk into your home environment.

**Why Choose Us for Your Indoor Air Quality Needs?**

With over 35 years of experience in the industry, we don't just understand air purification. We've helped define it. Our team of specialists works closely with professional HVAC contractors to deliver custom solutions for both residential and commercial properties.

Our UV air purifiers are specifically engineered to support proper airflow and high-intensity air cleaning. They target even sub-micron particles, the ones too small for standard filters to

catch, ensuring your indoor air is as fresh, healthy, and contaminant-free as possible.

So if you're ready to take control of your home's air quality and give your family the cleanest air possible, reach out today. Let us show you how a UV air purifier can be the simplest, smartest upgrade for your comfort, health, and peace of mind.