

Two services that help improve indoor air quality

In northern New Jersey, spring is here and temperatures are slowly warming. As the time to turn on central air conditioning units approaches, Bloomfield Cooling, Heating & Electric, Inc. is advising area residents about

the airborne allergens and contaminants that can collect in ductwork, which can cause harm to people with respiratory problems or present an issue for those who wish to have the cleanest indoor air possible.

Michael DeJoseph, president of Bloomfield Cooling, Heating & Electric in Little Falls, New Jersey, recommends two ways to improve indoor air quality beyond what an existing heating and air conditioning system can do on its own.

We employ two devices and methods to kill germs and airborne allergens that aggravate respiratory allergies and make home occupants sick: the REME HALO in-duct air purifier and the Freshaire Blue-tube UV germicidal light. These work differently but both attack contaminants that collect in your system's coils and ductwork," explained DeJoseph. "These devices are easy to install indoor air quality."

REME HALO

The REME HALO is an induct air purifier that is installed into a section of the air conditioning or heating system air ducts called the supply plenum, and brings indoor air quality (IAQ) technology to a very high level. It can actually purify every cubic inch of air that a central air conditioning system reaches in the home. This device eliminates odors, allergies, and "sick building syndrome" caused by three types of indoor air pollutants: particulates, microbes, and gases. The result is that it rids the home's

and do so much to improve your indoor air of common allergens such as mold spores, dander, dust, smoke, and pollen. It also eliminates odors from cooking, dirty laundry, smelly pets, and musty rooms or mildew-ridden basements and attics.

The device re-creates nature's air purification process by producing ionized hydrogen peroxide molecules that are distributed throughout the entire home, and that break down the contaminants in the air upon contact. This proactive air technology doesn't wait for pollutants to come to it in the HVAC unit—it automatically sweeps through the home

"Because hydrogen peroxide occurs naturally in the Earth's atmosphere and is part of nature's air-cleaning process, residents enjoy 'nature-fresh' air in every room," said DeJoseph.

Blue-Tube UV

This is a whole-house ultraviolet (UV) light installed directly inside the central air system, like the REME HALO. The device uses low-voltage UV light as a germicidal that disinfects the HVAC system, killing germs and eliminating microbes and odors as air cycles through the system. Blue-Tube UV sterilizes biological contaminants by actually scrambling the microorganisms DNA, which then prevents them from reproducing.

"Because Blue-Tube UV kills the mold and the biofilm that collects on the AC coils, it keeps the coils cleaner, which helps maintain your system and lengthen its life span," said DeJoseph. "It also reduces energy costs by keeping the coils free of unwanted contaminants. And of course, it keeps your family healthy by ensuring the air you breathe inside your home is free of germs." The Blue-Tube UV light comes in different lamp configurations to accommodate various size systems and homes.

To find out more about the REME HALO and Blue-Tube UV technologies, or to set up seasonal maintenance for an existing HVAC system, contact Bloomfield Cooling, Heating & Electric, Inc. at (973) 237-0505. For more information about the company's HVAC and electrical services, visit www.bloomfieldcooling.com and follow on Facebook at www.facebook.com/bloomfieldcooling.

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