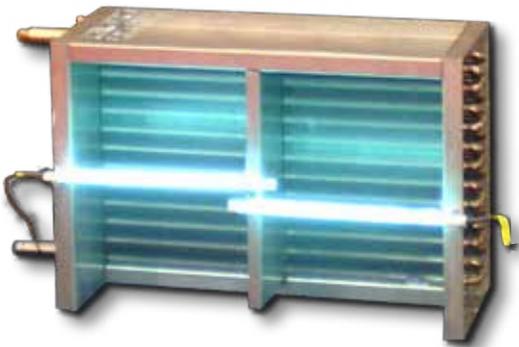


As Natural As Sunlight



RAE Coils now offers an efficient way to maintain your coils with the use of ultraviolet (UVC) light! UVC is the invisible, ultraviolet, C-band radiation that makes up part of the sun's light spectrum. For decades, UVC light bulbs have been used in HVACR equipment to improve indoor air and environmental quality (IAQ/IEQ). The wavelength of UVC inactivates, kills and destroys mold, bacteria and other contaminants found in most HVACR systems. UVC is also known as Ultraviolet Germicidal Irradiation (UVGI), which is the term used by federal agencies such as OSHA, EPA, CDC, and ASHRAE when referring directly to UVC.

RAE Coils will customize your coil using UVC bulbs by UV Resources, which specializes in HVACR applications. Your RAE Coil will be built so that the UV light will shine on the moist surfaces of the coil and drain pan, killing most microorganisms that can grow there. The UVC bulbs are mounted on the leaving side of the coils with extended casings for easy installation and removal.



About us:

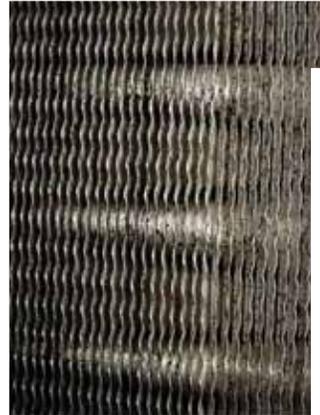


RAE Coils is a division of RAE Corporation, a manufacturer of engineered cooling and refrigeration systems headquartered in Pryor, Okla. RAE designs and manufactures products in four divisions; Century Refrigeration, RAE Coils, Refrigeration Systems and Technical Systems. The company employs approximately 250 people, with representatives around the country.

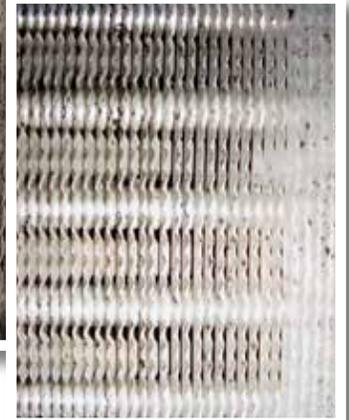
In 2010, RAE Corporation was designated by the U.S. Small Business Administration (SBA) as a HUBZone certified business, which allows them to compete for specific government contracts.

UVC and your RAE Coil

Cooling coils are usually located in dark and damp environments that are loaded with organic nutrients of all kinds. Even the thinnest layer of this biofilm can cause airflow and heat exchanger inefficiencies. The UVC wavelength goes to work breaking down and vaporizing these organic structures to clean a coil sufficiently and maximize its performance characteristics. Energy savings can be seen through increased heat absorption (transfer), reduced air horsepower (or increased air volume) and reduced run time. In addition to the sustainable energy savings, the UVC option on your RAE Coil will reduce the need for costly coil maintenance programs.



Before UVC Treatment



*After 4.5 Weeks
UVC Treatment*

Common Applications



While all applications could benefit from UVC exposure, UVC is commonly used in hospitals to sterilize heating and cooling equipment. It has also been used in schools to decrease the growth of epidemics, such as measles and tuberculosis. Other common applications include salons, barber shops, restaurants, incubation rooms, and veterinary clinics.

Additionally, all GSA federal facilities require UVC lights to be incorporated downstream of cooling coils and above all drain pans to control airborne and surface biofilm growth and transfer.

*UVC Utilized in
Common Hospital
Application*



*Certified in accordance with ARI
Std. 410.*

About UV Resources:



UV Resources was formed to bring both leadership and growth of UV in its many HVACR applications world-wide. The company's respective involvement in technical groups such as the International Ultraviolet Association (IUVA), ASHRAE and many federal agencies has also played an important role in the acceptance of UVC today. This broad industry involvement has driven UV products and services to greater performance, availability, and affordability.