

How do UV germicidal lamps help provide a healthier workplace?

Microbial contamination of heating, ventilation and air conditioning systems can be a serious problem. A leading medical journal estimates that approximately 4 million employees suffer health effects due to microbial contamination of HVAC systems. Their recommended solution is the installation of UV lamps. They are not alone. The Federal Government now mandates the installation of UV lamps in all HVAC systems in any new government building.

Chemical cleaning, an alternative to UV lamps, only provides a temporary solution to biological growth in your HVAC system. UV germicidal lamps from Aprilaire provide continuous protection.

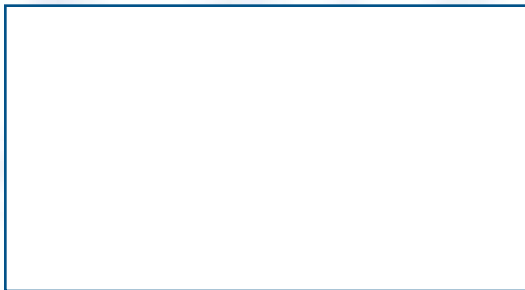
What kind of businesses benefit from Aprilaire UV Germicidal Lamps?

Almost *any* business that has air-conditioning coils in their HVAC system, but especially those that have large numbers of people present or passing through, those that serve children, the elderly and others who are especially susceptible to illness or respiratory infection, businesses that deal with biologicals, and ones located in areas with high year-round humidity levels.

Examples include:

- Dental offices
- Medical offices or clinics
- Banks
- Daycare
- Florists
- Senior centers
- Laundry services
- Health clubs
- Mall stores
- Restaurants
- Schools
- Theaters
- Churches

Contact us today for more information on how Aprilaire UV Germicidal Lamps can save you money and provide a healthier workplace.



“Installation of Ultraviolet Germicidal Irradiation in most North American offices could resolve work-related symptoms in about 4 million employees, caused by microbial contamination of heating, ventilation, and air conditioning systems.”

– *Published in The Lancet, a leading medical Journal, November 29, 2003*

How UV Germicidal Lamps Save You Money and Provide a Healthier Workplace



Answers to your questions about UV germicidal lamps.

How do UV germicidal lamps **save** me money?

The cooling coils in commercial air conditioning systems are located in dark, contained spaces. Add moisture and condensation and you've got the ideal environment to grow mold, fungi and bacteria. This biological growth adheres to air conditioning coils, reducing the operating efficiency of your system, and increasing the energy required to provide the same level of cooling.

In addition to increasing your electric bill, biological growth, left unchecked, can create mechanical failures to the system that will require unscheduled maintenance. While you're waiting for help to arrive, your employees will be less productive, and your customers may go elsewhere.



How do UV germicidal lamps work?

UV lamps are installed adjacent to any cooling coils and drain pans within your HVAC system. The ultraviolet light they emit destroys mold, fungi and bacteria before they build up and become a problem for the system, or the building occupants. The Air Conditioning & Refrigeration Technology Institute has proven that UV germicidal lamps are effective at eliminating biological growth in protected air handling systems. Aprilaire UV germicidal lamps are available in models for all light commercial applications, and they provide continuous protection, 24 hours a day all year long. Bulbs are replaced annually during regularly scheduled maintenance.



**Easy-to-install and maintain.
Available for any type of system.**



As an Aprilaire contractor, we are trained professionals with the expertise needed to install the right products for your application.

**Aprilaire offers models for all
Light Commercial Applications**



"Ultraviolet light (C band) emitters shall be incorporated downstream of all cooling coils and above all drain pans to control airborne and surface microbial growth and transfer."

– Chapter 5, "U.S. Government's Facilities Standards for the Public Buildings Service"