



**UC SERIES**  
ULTRAVIOLET COIL PURIFIERS  
FOR AIR HANDLER INSTALLATIONS

**CLEAN COMFORT™**  
INDOOR AIR ESSENTIALS

Indoor comfort in your home is about more than just adjusting the temperature on the thermostat. Many homeowners overlook the need for necessary components and systems that can improve the indoor air you breathe. Indoor air quality products and systems are quite frequently treated as accessories. We define them as indoor air essentials.



**WHOLE HOME**  
**ULTRAVIOLET COIL PURIFIER**

FILTRATION



HUMIDITY CONTROL



PURIFICATION



VENTILATION



**Breathe easier with the UC Series Coil Purifiers**

**Protection you need**

A central heating and cooling system offers just the basics with regard to enhanced indoor air quality for you and your family. Consider the fact that the Environmental Protection Agency (EPA) estimates that the air you breathe inside your home could be up to five times more polluted than the air outside your home<sup>1</sup>. Beyond simply heating and cooling the air in your home, don't you want the best indoor air possible for your family? We make it a simple decision with Clean Comfort™ Indoor Air Essentials product solutions.

<sup>1</sup><http://www.epa.gov/region1/communities/indoorair.html>

**Shine a light on comfort**

Ultraviolet lamps have been used in a wide range of sterilization applications for almost 100 years, including water treatment, food processing and disinfection of hospital equipment. The Clean Comfort brand UV Coil Purifiers for Air Handlers employ the same technology, using germicidal UVC light to inhibit the growth of bacteria, viruses and other microbes such as mold on the evaporator coil of your home's heating and cooling system.

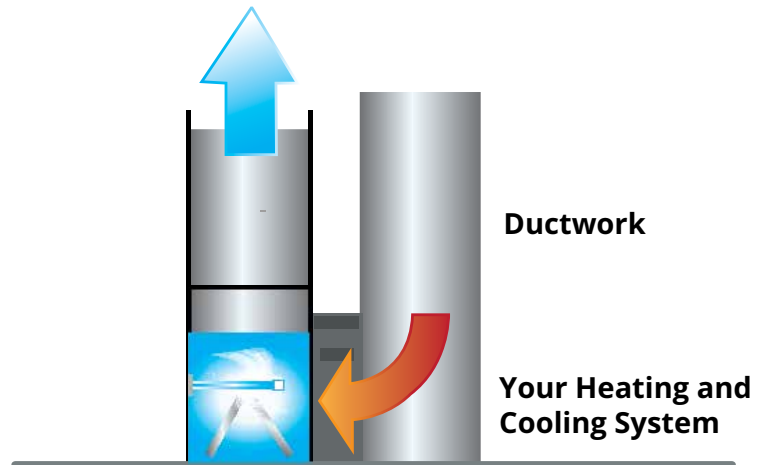
**Why buy an ultraviolet coil purifier?**

- Continuous disinfection of evaporator coil which can lower the risk of mold growth on the coil and circulating in your home's air.
- UV disinfection of the coil helps maintain your system's original performance by inhibiting mold growth which would reduce heat transfer efficiency and air flow through the coil.



## Protection you won't see from particulates you can't see

Clean Comfort™ brand Coil Purifiers work to inhibit growth of microbes such as mold, bacteria and viruses on the evaporator coil of your heating and cooling system. The dark, cool and damp environment of an evaporator coil offers ideal conditions for sustaining mold growth. To combat this, UC Coil Purifiers radiate UVC light, which attacks the DNA of these microbes, preventing them from replicating and eventually destroying them. Because UVC light has been used for decades to help deactivate microbes without emitting chemicals, it is considered a proven and reliable method for sterilizing indoor air.



## Protection you won't see from contaminants you can't see

UV light is an effective method to keep evaporator coils clean without harsh chemicals. Clean Comfort brand Coil Purifiers sanitize the coil's surface, helping to inhibit the growth of mold and other microbials which could – left unchecked – deteriorate the system's performance. Mold spores could also become airborne and be circulated

throughout our home, where they could have an impact on your family's health, especially for those with allergies, asthma, or other respiratory ailments. These Coil Purifiers operate 24/7 even when your heating and cooling system is not operating.

## How does a UC Series Coil Purifier work?

The UC Series Coil Purifier is installed in the ductwork of your central heating and cooling system, and shines UV light on the evaporator coil and coil pan around the clock. The "Premium Plus" dual-lamp UC36 Coil Purifier not only has twice the sterilizing power of single-lamp UC18 models,

it also has an aluminum parabolic reflector that focuses and intensifies the UV energy to the desired area, which helps to ensure an evaporator coil with reduced microbial growth.

Try our family of Clean Comfort brand products for your whole home //

