



Purification
Solutions

CLEAN COMFORT[®]
INDOOR AIR ESSENTIALS

PURE. CLEAN. AIR.



Look for the full line of *Clean Comfort*[®] Indoor Air Essentials.

Essentials vs Accessories

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.

Protection from contaminants you can't see

UV light is an effective method to keep evaporator coils and circulated air clean without having to employ harsh chemicals. Clean Comfort brand Air and Coil Purifiers sanitize the circulated air and/or coil's surface. This helps to inhibit the growth and circulation of mold spores and other microbial growth which could become airborne, circulated throughout your home and – left unchecked – ultimately deteriorate HVAC system performance.

Shine a light on comfort

Ultraviolet (UV) 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 furnace and air handler applications 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.

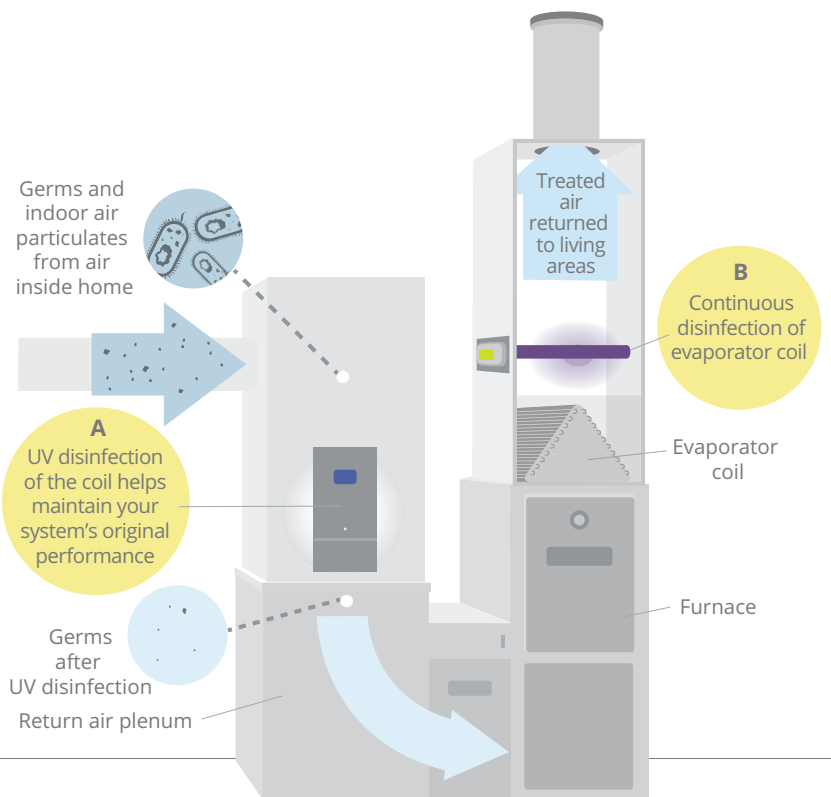
How does UV purification work?

A AIR PURIFIER

The UVC light of the UA Series Air Purifiers irradiates microbial contaminants as they pass through the sterilizing chamber. The versatile UA air cleaner can be located in the intake or discharge airstream (intake shown) with its patented "Turbulator" acting to slow down and spin the air entering the chamber increasing exposure time with the light from the specially-designed J-shaped UV lamp. The reflective inner surface of the sterilizing chamber further increases the long-term effective intensity of the UV light, resulting in a substantially higher deactivation rate of the microbes passing through the Clean Comfort brand UA4000DV and UA2000DV Air Purifiers compared to UV purifiers not employing these same features.

B COIL PURIFIER

The UC Series Coil Purifier line is the economical workhorse positioned in direct proximity to the evaporator coil input or output (output shown). The UC Series Coil Purifier continuously shines UV directly on the evaporator coil preventing the growth and circulation of mold, bacteria and viruses on the HVAC system's evaporator coil.



Typical Installation of UV Lighting in a Central Heating and Cooling System

Ultraviolet Coil Purifiers

Why buy an ultraviolet coil purifier?

Clean Comfort brand UC Series Ultraviolet Coil Purifiers work to inhibit growth of microbes such as mold, bacteria and viruses on the evaporator coil of your heating and cooling system.

Benefits include:

- Continuous disinfection of evaporator coil which 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
- UC36 versions feature dual-lamp design
- The LCD of the UC36 screen notifies homeowner when the UV lamp needs replacing
- Aluminum parabolic reflector focuses and intensifies the UV energy where it's needed

UC18S15-24 / UC18S15-24B



UC36D16-DV** (High ambient) / UC36DL16-DV** (LCD display)



5 YEAR PARTS
/ 1 YEAR LAMP
LIMITED
WARRANTY*

OUTSTANDING LIMITED
WARRANTY** PROTECTION
** Complete warranty details
available from your local dealer
or at www.cleancomfort.com.

Ultraviolet Air Purifiers

Why buy an air purifier?

The Clean Comfort UA Series Air Purifiers harness the power of high-output ultraviolet clarifying (UVC) and ultra-violet vacuum (UVV) for ultimate whole home air quality.

Benefits

- Continuous disinfection of the air in your home, lowering the concentration of mold, bacteria and viruses
- High intensity J-shaped UV lamp increases disinfection power in the airstream
- Time-tested UV technology used for indoor disinfection in hospitals, food processing and laboratories
- Low maintenance – on average, lamp should be changed every 3 years
- Whole home treatment against airborne microorganisms and odors

UA UA2000DV-CB*



UA UA4000DV-CB*



3 YEAR
PARTS
LIMITED
WARRANTY*

OUTSTANDING LIMITED
WARRANTY* PROTECTION

* Complete warranty details available from your
local dealer or at www.cleancomfort.com.

PURE. CLEAN. AIR.

Whole-home indoor air quality solutions

Clean Comfort Indoor Air Essentials can improve the quality and comfort of your home's indoor air. Components can be installed on virtually any brand of HVAC equipment in any home or installation. (For illustration purposes only, we have shown a basement installation.)

- Filtration
- Humidity Control
- Dehumidification
- Purification
- Ventilation



Our complete family of Clean Comfort products improves indoor air quality:



Filtration

Air filtration systems capture up to 95% of particles ranging in size down to 0.3 micron and keep them from recirculating back into your home's air.

- 5-Stage Air Treatment
- Hepa Air Cleaner
- Media Air Cleaner
- Electronic Air Cleaner
- Hybrid Air Cleaner
- Replacement Filters



Humidity Control

Dehumidifiers and humidifiers work with the home's heating and cooling system to help maintain a comfortable humidity level in every room.

- Whole-Home Humidifier
 - Bypass Evaporative Humidifier
 - Steam Humidifier



Dehumidification

Dehumidifiers work with the home's heating and cooling system to help maintain a comfortable humidity level in every room.

- Whole-Home Dehumidifier



Purification

Air purification systems are attached to the furnace or air handler, contaminants are deactivated before the air is recirculated back into the home.

- In-Duct Air Purifier
- Coil Purifier
 - For Furnaces
 - For Air Handlers



Ventilation

Ventilation systems replace stale indoor air with outdoor air — providing the fresh-air feel of an open window, with minimal heat/energy loss.

- Heat Recovery Ventilator (HRV)
- Energy Recovery Ventilator (ERV)

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost or energy efficiency rating that is available from your retailer.



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