



Purification  
Solutions

**CLEAN COMFORT®**  
INDOOR AIR ESSENTIALS

# PURE. CLEAN. AIR.



# 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.

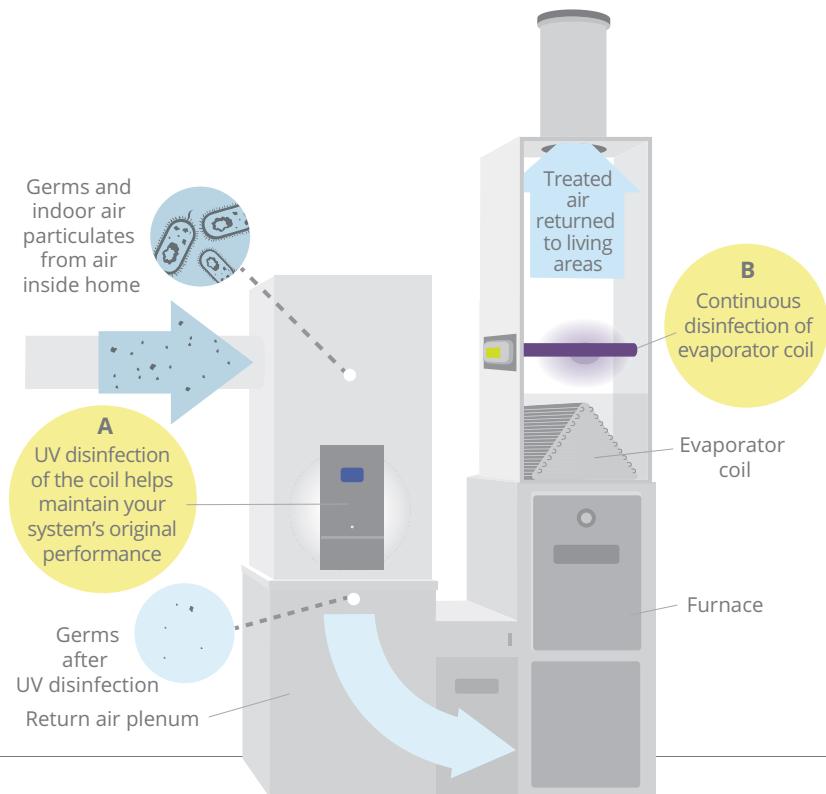
### How does UV purification work?

#### 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](http://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 ultraviolet 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

### UA2000DV-CB-G\*



### UA4000DV-CB-G\*



3 YEAR  
PARTS  
LIMITED  
WARRANTY\*

#### OUTSTANDING LIMITED WARRANTY\* PROTECTION

\* Complete warranty details available from your local dealer or at [www.cleancomfort.com](http://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, we have shown a basement installation.)



Our complete family of **Clean Comfort** products helps to improve indoor air quality:



### Filtration

HEPA bypass filtration cleans air to a high-quality standard removing 99.97% of all particles as small as 0.3 microns. Media air cleaners are a more efficient and convenient way to clean the air than standard filters. Both options may help to remove dust, lint, and other particulates.



### Humidification

Whole-home humidifiers add moisture to the conditioned air flowing through the home. Premium steam humidifiers help maintain comfortable humidity levels utilizing electrode and canister technology. Evaporative humidifiers use the warm furnace air to circulate evaporated moisture.



### Dehumidification

Whole-home dehumidifiers remove moisture from your home's air, helping to keep the indoor environment comfortable. The dehumidifier can work in conjunction with your central AC system or independently as needed, automatically maintaining suitable year-round humidity levels.



### Purification

Ultraviolet (UV) light is an effective method to inhibit the growth of microbes such as mold, bacteria, and viruses. Air purifiers harness the power of UV, increasing disinfection power in the airstream. UV coil purifiers bask the coil with UV light and help to keep the evaporator coil clean.



### Ventilation

Heat Recovery Ventilators (HRV) and Energy Recovery Ventilators (ERV) offer a simple, energy-efficient solution for ventilating well-insulated homes. HRV and ERV products keep you comfortable and may save energy by using the stale indoor air exhaust to condition fresh incoming air.



### Zoning

A zoned residential HVAC system redirects air to specific areas of the home, allowing for the creation of customized temperature zones for increased comfort. Advanced, integrated controls monitor the system static pressure to reduce air noise and assures adequate system airflow.

### 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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