



# AE10 Series

HYBRID AIR CLEANER

# 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 ELECTRONIC FILTRATION

FILTRATION



HUMIDITY CONTROL



PURIFICATION



VENTILATION



## Breathe easier with the AE10 Series Air Cleaner

### 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.

### High efficiency filtration

The Clean Comfort brand AE10 Series Hybrid Air Cleaner is an efficient way to remove particles as small as 0.3 microns from the air in your home. Ideal for installations where there's room for only a 1" filter rack, the AE10 is a great performance upgrade from a standard 1" furnace filter\*.

\* Standard furnace filters are defined as 1" deep and MERV 8 or less

### Why buy an electronic air cleaner?

- ① Efficient air cleaning from a device that's only 1" deep.
- ② Multiple configurations to fit virtually any residential heating and cooling equipment.
- ③ Low-energy consumption – Air cleaner operates on 24 Volts with as little as 2 Watts of power.
- ④ Easy to maintain – Changing media pads only takes 5 minutes and only needs to be done every 4 months.

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



## A smart solution for cleaner air throughout your home

The AE10 Series Electronic Air Cleaner attracts airborne particles into its media using an electromagnetic charge. Once attracted to the media, particles are removed from your home's air to the collector pads, where they remain until the loaded pads are replaced with fresh ones.

Electrostatic air cleaners are difficult to retrofit into a home's heating and cooling system due to their size. The small, 1" depth of the AE10 allows it to fit in *any* system, making it a great upgrade from standard 1" furnace filters.

## An attraction for indoor air contaminants

The 24 Volt power supply in the AE10 Electronic Air Cleaner applies an electromagnetic charge to the carbon graphite matrix located between the collector media pads. The matrix in turn charges the entire surface of these pads and the charged media attracts airborne particles to it, removing these particles from your home's air. Because of the electromagnetic charge, particles as small as 0.3 microns can be attracted and removed from the airstream. Maintenance of the AE10 Series Electronic Air Cleaner

is remarkably easy. It is recommended that you change the collector media pads every 4 months to maintain air cleaning performance. There is no washing, no chemical cleaners, and nothing heavy to carry. Replacement pads come in a convenient 1 year supply pack.

Although there isn't a standardized performance rating system for electronic air cleaners, such as the MERV system used with media air cleaners, the effective filtration performance of the AE10 is MERV 10.



### 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.

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



FILTRATION



HUMIDITY CONTROL



PURIFICATION



VENTILATION

