CLEAN COMFORT™
INDOOR AIR ESSENTIALS

Description

The Clean Comfort™ High-Efficiency Return Grille-Mount Electronic Air Cleaner for residential applications helps remove a wide range of airborne particles as small as 0.06 micron (1/424,000 of an inch).
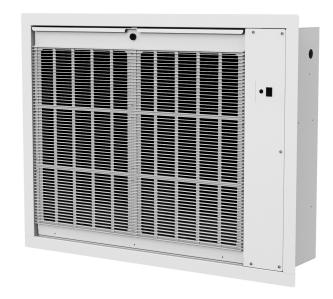
- Helps protect and prolong the operating efficiency of the heating and cooling equipment
- Features a permanent, washable filter system
- Designed for homes, condominiums, manufactured homes, and applications where there is a common return grille rather than separate return air ducts from each room
- An excellent choice for homes with attic or crawl space heating and air conditioning installations
- Easily installs on the wall or ceiling in a ceiling box within trusses on 24- inch centers without any structural changes

Standard Features

- Aluminum mesh prefilters (2) prevent lint and large particles from entering collecting cells
- Heavy-gauge aluminum collecting cells (2)
- Plastic intake grille is easy to wipe clean
- Hinged, swing-out door
- Automatic interlock switch disconnects power when unit is opened
- Electronic air-proving switch (APS)
- Automatically cycles air cleaner on/off with the system fan
- Performance indicator light (green LED) indicates high voltage to the collecting cells, ensuring air cleaner is operating properly at a glance
- Solid-state power board is equipped with a variable resistor (potentiometer) to adjust high voltage output

HIGH-EFFICIENCY RETURN GRILLE-MOUNT ELECTRONIC AIR CLEANER

MODEL
AE14-2025-51G

Accessories

DAX Air Cleaner Detergent for cleaning collecting cells.

Available in a 32 oz. (1 L) spray bottle

Part#
AEP-FS9900

5 YEAR PARTS
LIMITED WARRANTY*

* Warranty doesn't apply to Prefilter. Other exceptions apply. Complete warranty details available from your local dealer or at www.cleancomfort.com.

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

CSA
C ® US

* Per ASHRAE 52.2-2007 test standard. Data available upon request.

TECHNICAL SUPPORT • 1-800-267-8305 • www.cleancomfort.com

Efficiency

The table to the right shows results from an independent testing laboratory that measured the particulate removal efficiency of the Clean Comfort™ Electronic Air Cleaner.

At rated airflow, the electronic air cleaner achieves a MERV 14 rating. With the fan running on low speed, the air cleaner increases efficiency up to a rating of MERV 16.
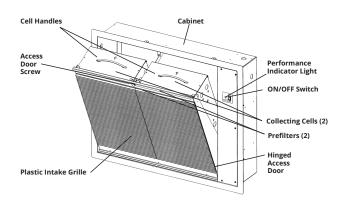
The static pressure drop of the electronic air cleaner is as low as 0.16" compared to 0.22" or higher for a typical 1" MERV 8 furnace filter.
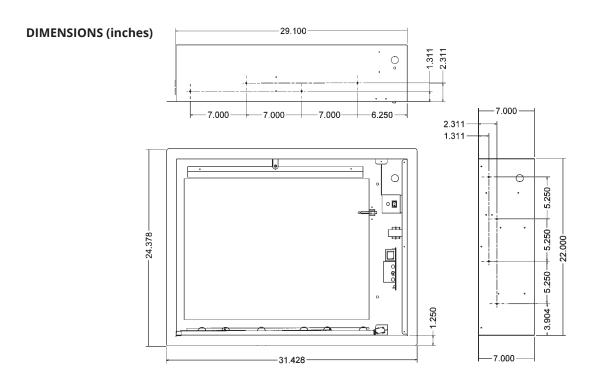
Clean Comfort™ Electronic Air Cleaner

Particle Size	600 CFM	1000 CFM	1400 CFM
0.3-0.4	99.2	87.5	65.4
0.4-0.55	99.7	91.6	74.0
0.55-0.7	99.8	95.1	80.3
0.7-1.0	99.9	97.3	86.0
1.0-1.3	99.9	98.5	90.4
1.3-1.6	99.9	99.1	93.2
1.6-2.2	100.0	99.5	95.3
2.2-3.0	100.0	99.8	97.4
3.0-4.0	100.0	99.9	98.3
4.0-5.5	100.0	99.9	99.0
5.5-7.0	100.0	100.0	99.5
7.0-10.0	100.0	100.0	99.9

Data shown for AE14-1625-51

SPECIFICATIONS	
MODEL	**AE14-2025-51G**
House Size Area (typical)	Up to 4000 ft² [372 m²]
Airflow	Up to 2000 CFM [400 m³/hr]
Duct Size	22 x 29.1 in [55.9 x 73.9 cm]
Cabinet Dimensions	31.4 x 24.4 x 7 in [79.8 x 62 x 17.8 cm]
Unit Weight	38 lbs [17.5 kg]
Input Voltage	120 V 60 Hz
Power Consumption (when operating)	30 Watts

Cell Handles • Cabinet • Access Door Screw • Performance Indicator Light • ON/OFF Switch • Collecting Cells (2) • Prefilters (2) • Hinged Access Door • Plastic Intake Grille

DIMENSIONS (inches)