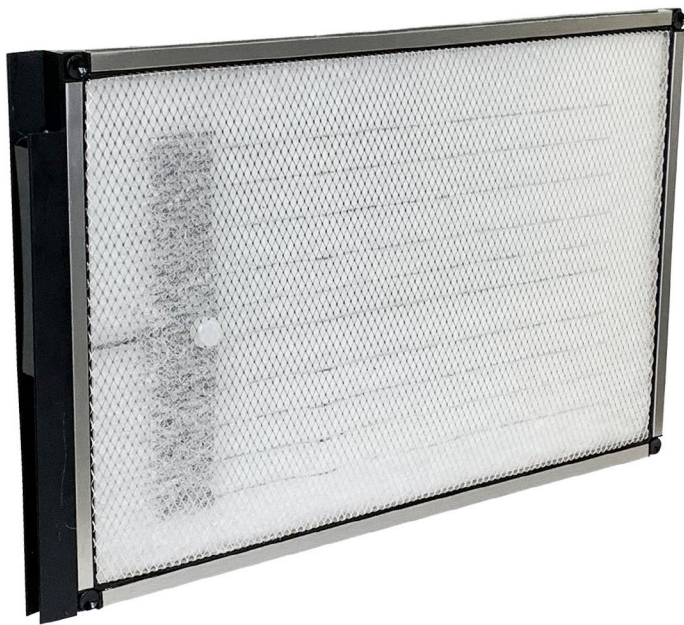


# DYNAMO - SERIES 1000

1" ELECTRONIC AIR CLEANER



US PATENT NO. 8,721,775

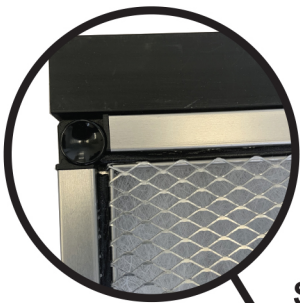


## STANDARD SIZES (inches)

12 X 24	14 X 25	14 X 30
16 X 20	16 X 24	16 X 25
20 X 24	20 X 25	24 X 24

- ALL OTHER INDUSTRY SIZES
- EXACT, OVERSIZE, AND METRIC

DIAMOND MESH



SNAP CORNERS



SINGLE PIECE PAD



ECO *airflow*

TEL: 1-877-347-3569  
WWW.ECOAIRFLOW.COM

# DYNAMO - SERIES 1000



Conforms to UL 867  
Conforms to CSA 22.2 NO. 187

## 1" ELECTRONIC AIR CLEANER

### Superior Filtration

The Dynamo is the best performing 1" Electronic Air Cleaner (EAC) on the market today. It uses patented technology to trap airborne contaminants like dust (including dust mite feces), dander and all types of pollen. It can effectively trap pollutants as small as .001 microns in size. The Dynamo can trap things like bacteria, viruses, VOC's, smoke particles of all kinds, and most heavy metal particles, including those created through radon decay processes (RDP).

### Low Pressure Drop

Key to energy savings and protecting expensive HVAC equipment is keeping resistance to airflow is as low as possible. The Dynamo achieves this through a combination of superior filtration materials coupled with unique patented technology. In independent tests, the Dynamo scored lowest of all major brands. Dynamo filters typically have about 1/3 the rated initial resistance to air flow of most high-performance pleated filters.

### Simple Maintenance

ECOairflow's patented, one-piece design makes pad changes easy. Just open the filter, remove and discard the soiled pad and drop in a new one. It is that easy. The unique corner locking system replaces traditional latches and hinges. Removing and installing your filter is easier because there is nothing to bind or break. No latches or hinges to create gaps allowing unfiltered air to bypass the filter.

### Saves Money

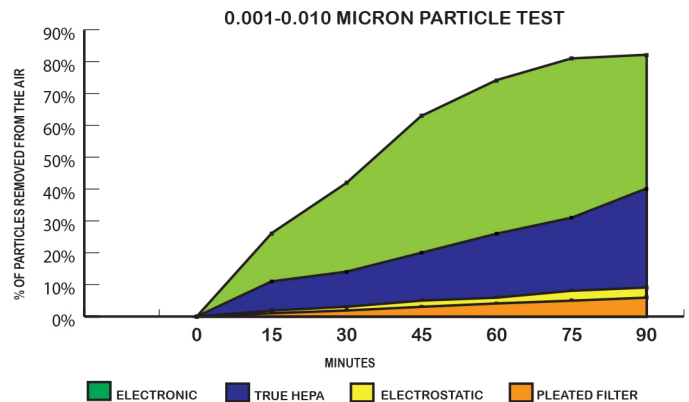
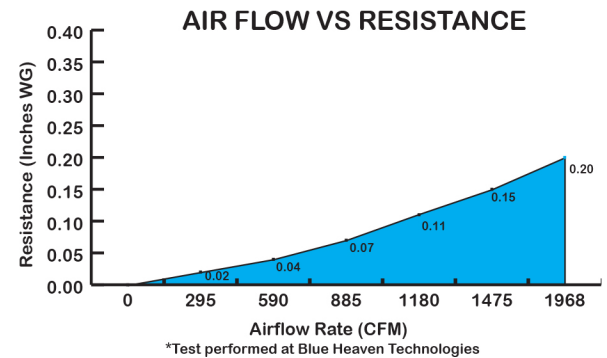
The average consumer should achieve payback of their initial investment in an ECOairflow Dynamo EAC in about 2 years. This is based on homeowners replacing pads or filters when the furnace's recommended maximum pressure drop level has been reached. After your payback period ends, the better air quality is free.

### Captures Radon Daughter Progeny

Radon decay products (RDP) are a by-product of radon gas. They pose serious health risks. Health professionals are very aware of the scope of this issue. Radon is a radioactive gas found naturally in the environment. It is created by the decay of uranium contained in soil and rock. When RDP accumulates in enclosed or poorly ventilated areas such as basements and crawl spaces, it becomes dangerous to humans who come in contact. RDP can be inhaled into lungs, where they can remain and break down further.

Almost 1/3 of all lung cancer deaths in the US and Canada are attributed to radon RDP exposure. The lung cancer death toll caused by exposure to radon is currently estimated at more than 20,000 annually. Radon is the 2nd leading cause of lung cancer.

ECOairflow technology has been proven, through internationally recognized third party testing to be capable of effectively reducing free floating radon RDP. Testing has showed ECOairflow filter technology to be capable of being a standalone solution for radon RDP, when installed correctly by a radon professional. Only a radon expert can determine the optimal solution for radon mitigation in each unique environment. Regardless of what solution is undertaken, it makes sense to install a Dynamo filter as part of an enhanced air quality solution for your home.



## SPECIFICATIONS

PRESSURE DROP:	NOMINAL INPUT:	VOLTAGE RANGE:	CONSUMPTION:	APPARENT POWER:
.11 in wc @ 300fpm .20 in wc @ 500fpm	24 Volts (floating)	18V min TO 30V max (floating)	2 Watts	1.75VA