

# Model 1500

## 1" RESIDENTIAL ELECTRONIC AIR CLEANER

### The Model 1500 Electronic Air Cleaner features:

#### MERV 13\* (LEED)

Low Pressure Drop  
Simple Maintenance

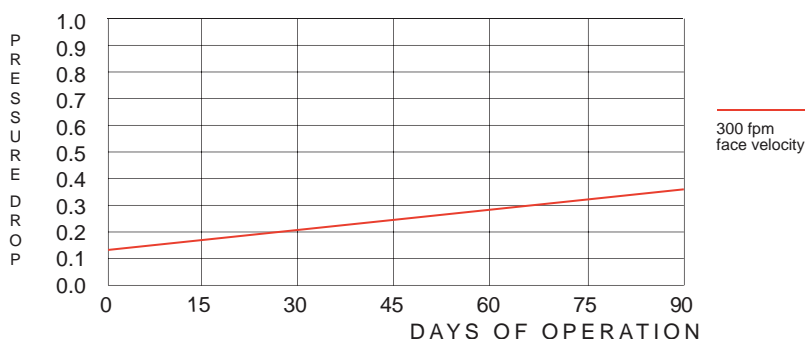
Easily Retrofitted  
Tandem Units Together

The MODEL 1500 uses ELECTRONIC POLARIZATION to trap airborne contaminants like dust, dander and pollen. The MODEL 1500 effectively traps particles smaller than .007 microns (below MERV), which can pose serious health risks. These include formaldehyde, viruses, bacteria and many other pathogens. The Model 1500 is twice as effective as a HEPA filter at .007 microns and up to 45 times as effective as most pleated filters

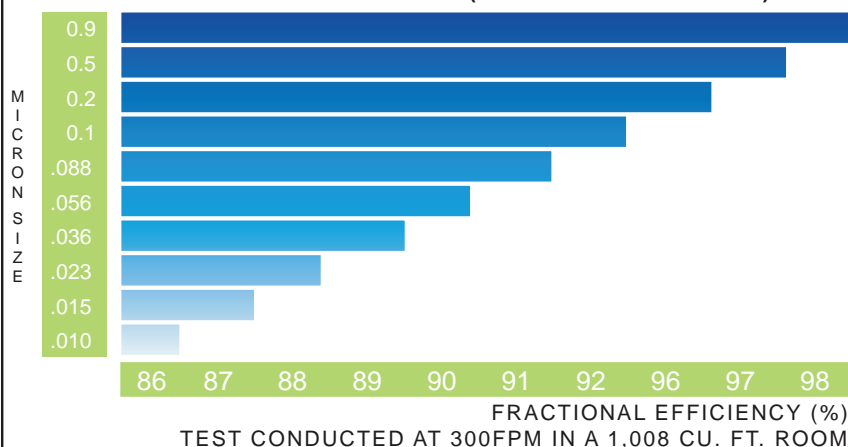
The MODEL 1500 has low static pressure drop, significantly better than most throwaway filters. Air flows more easily through it, reducing operating costs by up to 15%.



PRESSURE DROP LIFE CYCLE PERFORMANCE FOR A MODEL 1500 BASED ON A CONSTANT AIR VOLUME SYSTEM



MODEL 1500 FILTRATION PERFORMANCE OVER 30 MINUTES OF CONTINUOUS OPERATION (AS PER AHAM STANDARDS)



### STANDARD SIZES (inches)

10x20    12x24    16x24  
16x25    18x20    20x20  
20x24    20x25    24x24  
AND ANY CUSTOM TO 576 SQ"

### OVERSIZED AVAILABLE

### SPECIFICATIONS

#### PRESSURE DROP:

.13 in.w.c @ 300 fpm

#### NOMINAL INPUT:

24 Volts (floating)

#### VOLTAGE RANGE:

18V min to 30V max (floating)

#### CONSUMPTION:

2 watts

#### APPARENT POWER:

1.5VA

Recommended Maintenance:  
Every 3 Months

#### CERTIFICATION:



Conforms to UL 867

Conforms to CSA 22.2 NO. 187

ECOairflow

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Fax: 1-866-367-8826

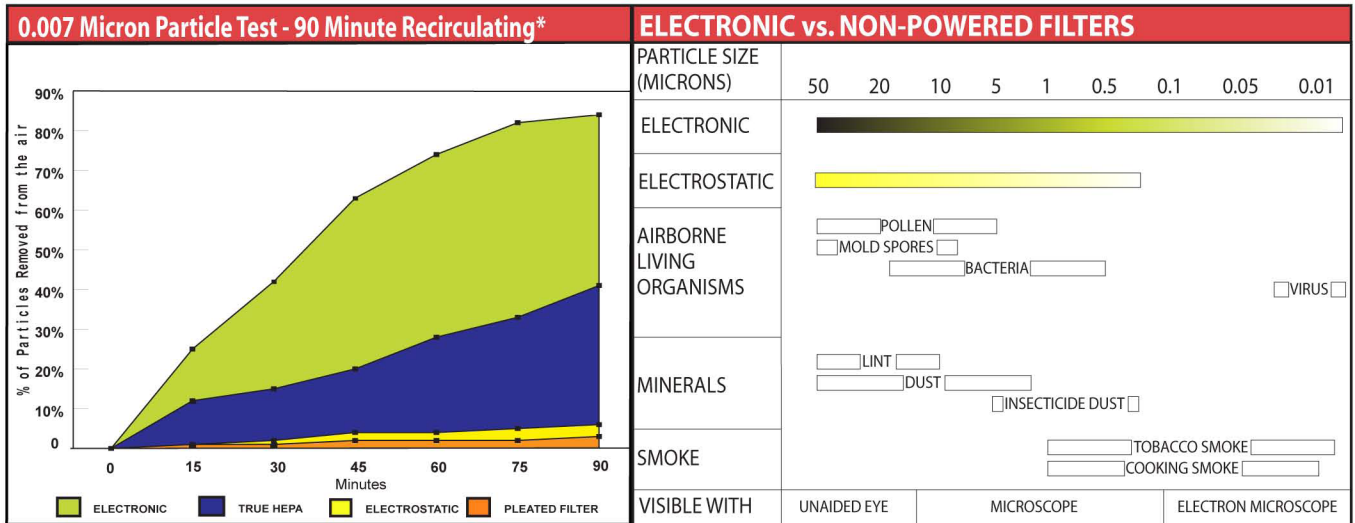
[www.ecoairflow.com](http://www.ecoairflow.com)

\* Based on certified ASHRAE Test 52.2 performed in 2013

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## 1" RESIDENTIAL ELECTRONIC AIR CLEANER

LEED Compliant:

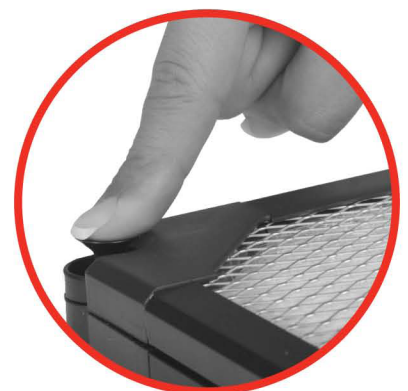


In addition to the MERV 13\* rating, the Model 1500 has several other features which add to its compliance rating. The plastic components are partially made of recycled materials. The plastic and metal components of the filter can be recycled and the glass fiber pads can be recycled as post consumer waste glass.

Low air resistance coupled with low power consumption means the energy consumed within the HVAC system is up to 15% less than with many competitive filters. In a large building, the savings can be considerable.

The Model 1500 is excellent at removing tobacco smoke and other ultra fine particles from the air. It uses attraction and agglomeration to capture tiny particles that just pass through non-electronic filters. The above 90 minute recirculation chart shows how great this difference can be. At .007 microns the Model 1500 is up to 45 times as effective as most pleated filters and even exceeds HEPA filters in capturing particles this small.

### POP-UP CORNERS MAKE MAINTENANCE A "SNAP"!



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