

# Model 2300

## 2" COMMERCIAL ELECTRONIC AIR CLEANER

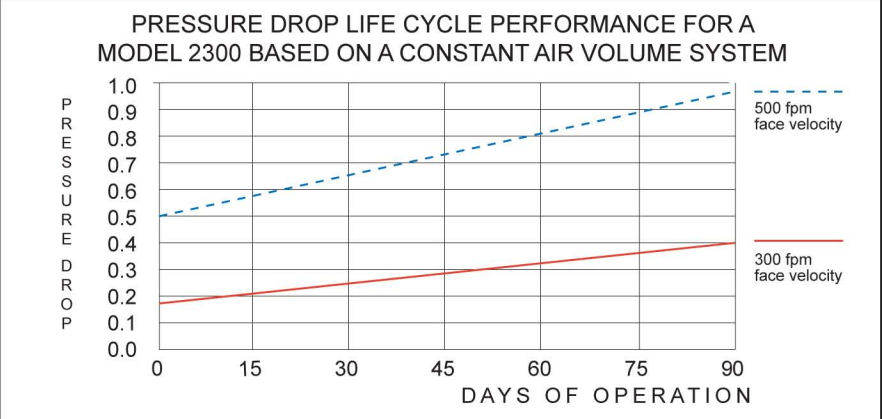
### The Model 2300 Electronic Air Cleaner features:

#### MERV 13\* (LEED Compliant)

- Low Pressure Drop
- Simple Maintenance
- Easily Retrofitted
- Tandem Units Together

The MODEL 2300 uses ELECTRONIC POLARIZATION to traps airborne contaminants like dust, dander and pollen. The MODEL 2300 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 2300 is twice as effective as a HEPA filter at .007 microns and up to 45 times as effective as most pleated filters

The MODEL 2300 has low static pressure drop, significantly better than most throwaway filters. Air flows more easily through it, reducing operating costs by up to 15%.



### STANDARD SIZES (inches)

10x20	12x24	16x24
16x25	18x20	20x20
20x24	20x25	24x24

AND ANY CUSTOM TO 576 SQ"

### OVERSIZED AVAILABLE

### SPECIFICATIONS

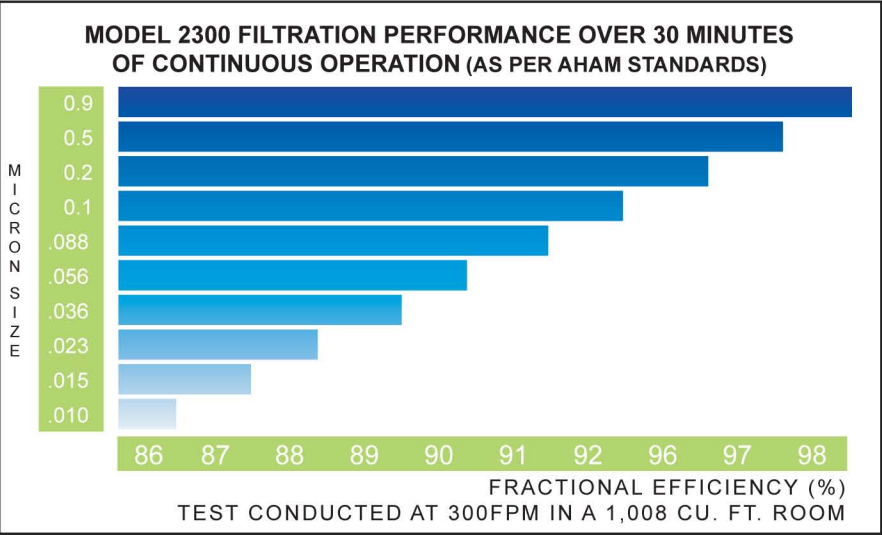
**PRESSURE DROP:**  
 .19 in.w.c @ 300 fpm  
 .50 in.w.c @ 500 fpm

**NOMINAL INPUT:**  
 24 Volts (floating)

**VOLTAGE RANGE:**  
 24V min to 30V max (floating)

**CONSUMPTION:**  
 2 watts

**APPARENT POWER:**  
 1.5VA



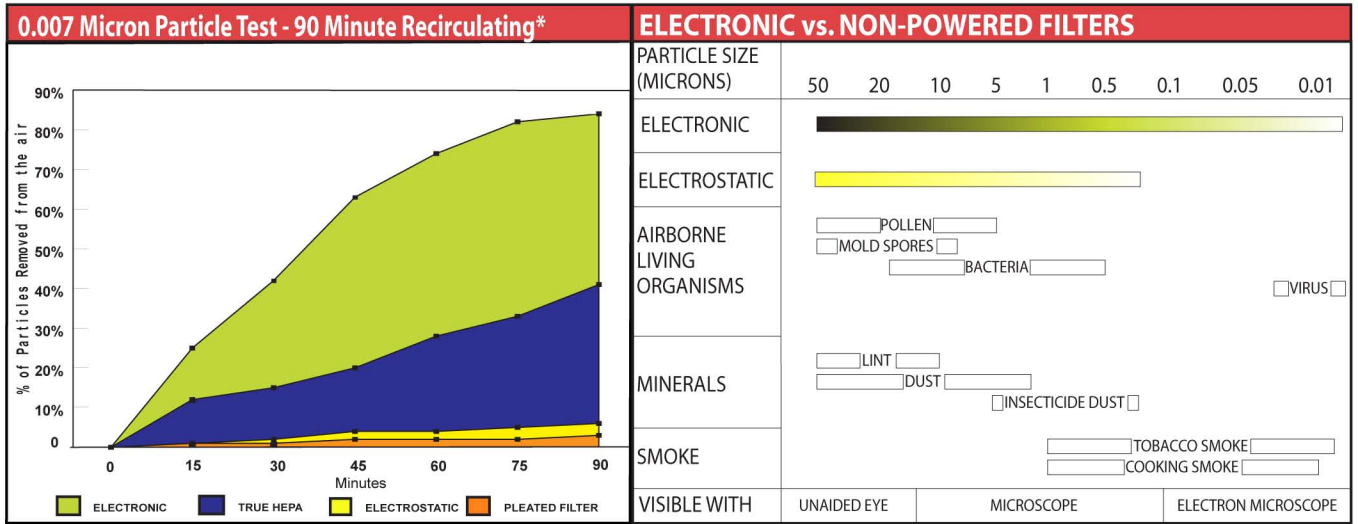
Tel: 1-877-347-3569  
 Fax: 1-866-367-8826  
[www.ecoairflow.com](http://www.ecoairflow.com)

\* MERV 13 is a mathematically adjusted rating, based on an initial 52.2 test performed at IBR labs in 2005. ASHRAE 52.2 initial test was done on a 1" filter with 16g media resulting in a rating of e1 (52.825%), e2 (89.025%), and e3 (98.38%). For the 2300, the e2 rate was adjusted up 0.975% in the belief that the heavier 24g media used in the 2300 coupled with it's the higher rated output voltage would have increased the e2 value by at least that amount. That increase brings e2 to the MERV 13 threshold. e1 and e3 were both well in excess of the MERV13 requirement. Detailed results can be provided, if requested.

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LEED Compliant:



In addition to the MERV 13\* rating, the Model 2300 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 2300 is excellent at removing tobacco smoke from the air. It uses attraction and agglomeration to capture smoke and other harmful 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 2300 is up to 45 times as effective as most pleated filters and even exceeds HEPA filters in capturing particles this small.

<p><b>NEW STYLE</b></p> <p>Pop-Up Corners</p>	<p><b>CHOOSE YOUR FILTER</b></p> <ul style="list-style-type: none"> <li>• POP-UP CORNERS</li> <li>• OLD STYLE CORNERS</li> <li>• HINGE LATCH</li> <li>• FLOATING SCREEN</li> <li>• ATTACHED SCREEN</li> <li>• ONE-PIECE REPLACEMENT PADS</li> <li>• CARBON</li> </ul> <p><b>AND MANY MORE OPTIONS!</b></p>	<p><b>ORIGINAL STYLE</b></p> <p>Latch &amp; Hinge</p>
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\* Based on AHAM test AC-1 2002 performed at IBR labs in January of 2005. Room size 30x12x8