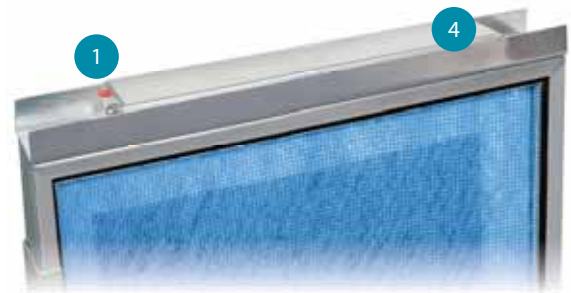


# EARTHPURE® INDOOR AIR QUALITY AIR CLEANER



ClimateMaster's EarthPure® Polarized Media Electronic Air Cleaner installs directly into the 2"/1" filter rack of your ClimateMaster heat pump or air handler. The electronically enhanced media combines elements of both electronic and media air cleaners. Particles are electrically charged (polarized) and then collected in the high efficiency media. Polarized sub-micron particles join with other particles and are collected on subsequent passes.



## Features

- 1 Easy connection - connects to the 24V accessory terminals on the DXM2 control board
- 2 Patented activated-carbon center screen is effective in removing cigarette smoke, pollen, dust, odors, VOCs and other contaminants
- 3 Equivalent to a **Merv 14** air filter
- 4 No washing of components required
- 5 The disposable fiber media pads require only a few minutes to change
- 6 Media pads are generally changed every three to six months, depending on household conditions such as the presence of pets and/or smokers
- 7 Backed by a Five (5) Year Limited Warranty
- 8 2" air cleaner is equivalent to commercial air filtration systems

## Application Flexibility

- No costly ductwork modifications required
- 97% efficient at .3 microns
- Efficiency increases as the media fibers load
- Low static pressure drop lets blower run efficiently
- Runs on 24V that feed a high-voltage power supply producing 6500 volts of DC output current. Its extremely high internal impedance makes it very safe and virtually short-circuit proof
- Does not produce ozone or arcing, like other electronic air cleaners
- Does not produce charged (ionized) particles that collect on clothes, walls and furnishings
- Developed specifically for ClimateMaster equipment
- Effectiveness is optimized with ClimateMaster's large coil surface area and low continuous fan operation



CLIMATEMASTER® GEOTHERMAL HEATING AND COOLING

DECLARE YOUR PERSONAL ENERGY INDEPENDENCE

# EarthPure® Indoor Air Quality Air Cleaner

## Performance and Specifications

### Efficiency Comparison

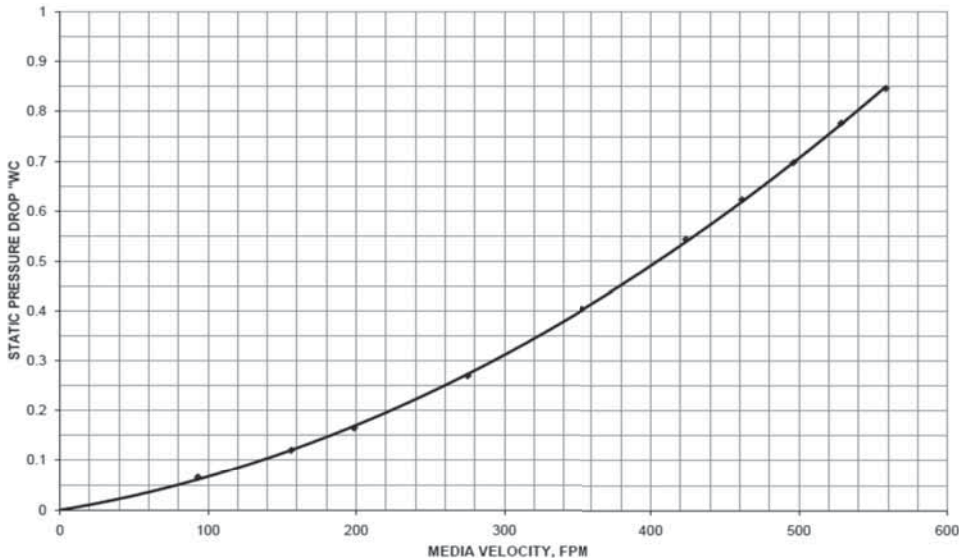
Particle Size	Contaminant(s)	EarthPure® Air Cleaner	Pleated Filters
		Capture Efficiency	
3-10 microns	Pollen, mold, dust mites, hair spray	99%	98%
1-3 microns	Auto emissions, lead dust, large bacteria	98%	Not Effective
.3-1 micron	Smoke (tobacco, cooking), small bacteria, fine dust, paint pigments	97%	Not Effective
<.3 micron	VOCs (odors, off gases including formaldehyde from carpets, furniture and cleaning products)	40%	Not Effective

### Performance Data

Electrical Input:	24 VAC
Powerhead Output Voltage:	6500V DC
Power Consumption:	2 Watts
Powerhead Volt/Amps Draw:	1.4 VA
Ozone Generation:	None

### Pressure Drop Data

EarthPure® Polarized Media Electronic Air Cleaners operate at the **equivalency of a MERV 14** air filter without the high pressure drop normally associated with high efficiency filters.



7300 S.W. 44th Street  
 Oklahoma City, OK 73179  
 Phone: 405-745-6000  
 Fax: 405-745-6058  
 climatemaster.com | cmdealernet.com



ClimateMaster works continually to improve its products. As a result, the design and specifications of each product at the time for order may be changed without notice and may not be as described herein. For specific information on the current design and specifications go to [cmdealernet.com](http://cmdealernet.com). Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely ClimateMaster's opinion or commendation of its products.

Engineered and Assembled in the USA