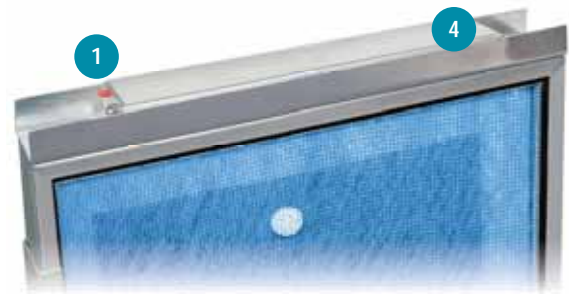


EARTHPURE® INDOOR AIR QUALITY AIR CLEANER



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 HEAT PUMP SYSTEMS

SMART | RESPONSIBLE | COMFORTABLE

EarthPure® Indoor Air Quality Air Cleaner

Performance and Specifications

Efficiency Comparison

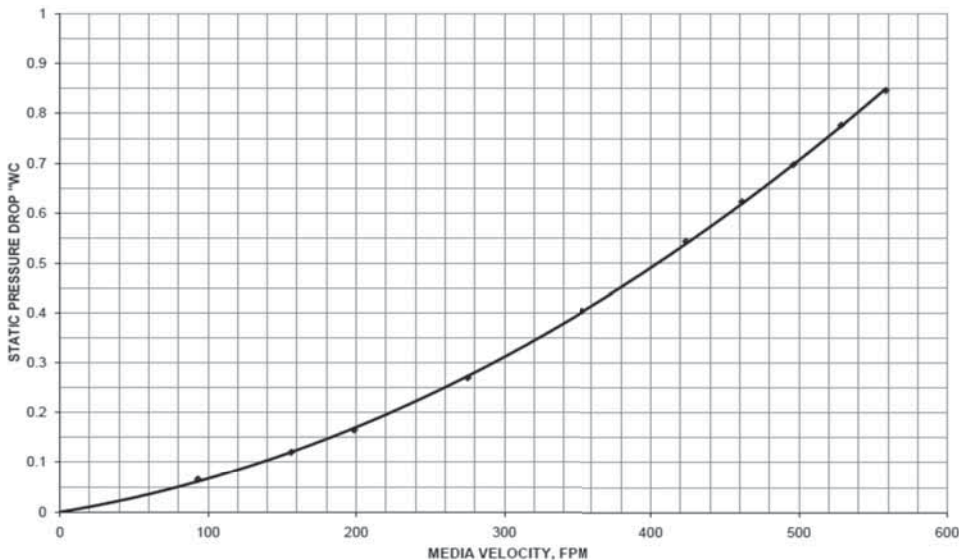
| Particle Size | Contaminant(s) | EarthPure® Air Cleaner | Pleated Filters |
|---------------|----------------------------------------------------------------------------------------------|------------------------|-----------------|
| | | Capture Efficiency | |
| 3-10 microns | Pollen, mold, dust mites, 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.



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The management system governing the manufacture of ClimateMaster's products is ISO 9001:2008 certified.



Intertek

