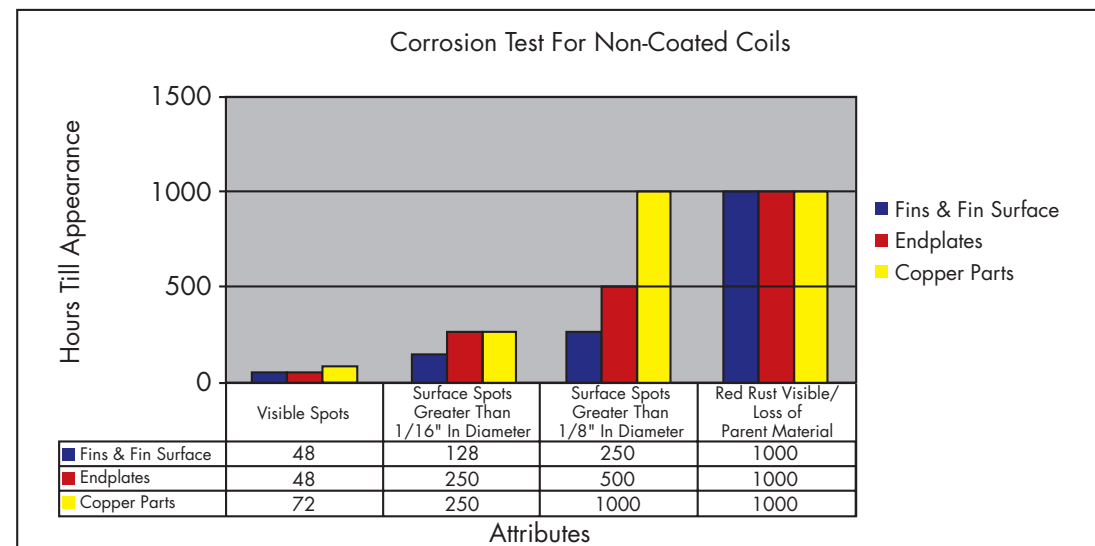
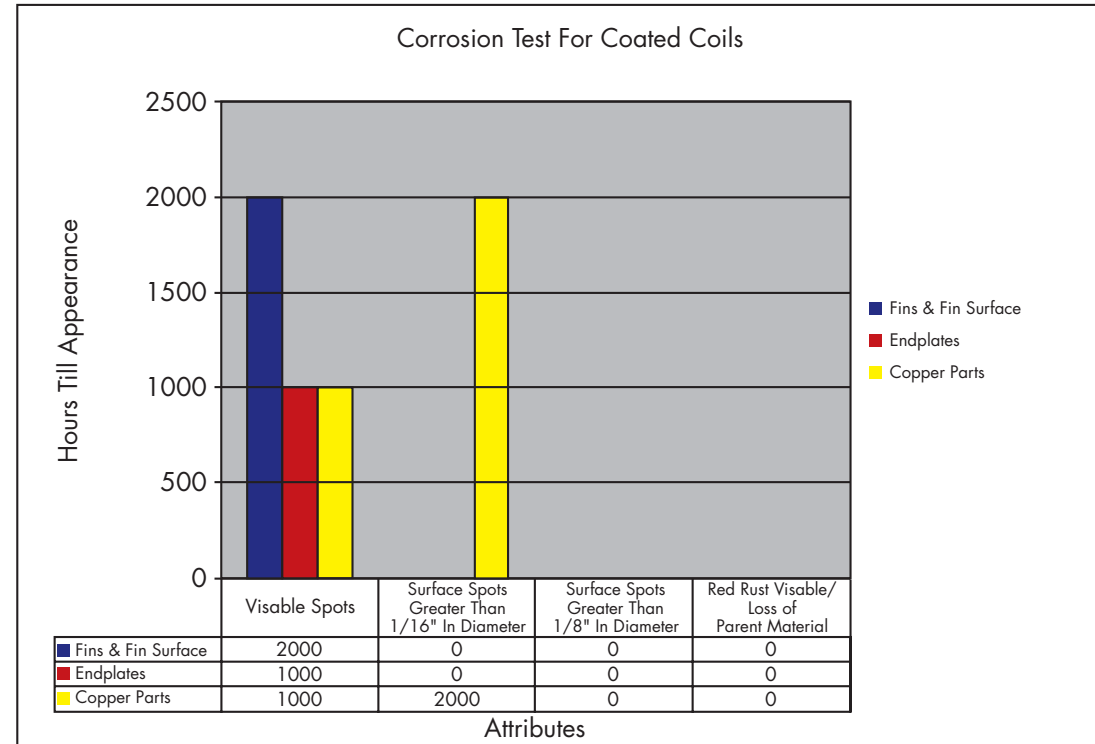


See the difference... Comparison Tests:



The ClimateMaster Advantage...

E-Coated Air Coils

Residential Series



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ClimateMaster works continually to improve its products. As a result, the design and specifications of each product at the time of order may be changed without notice and may not be as described herein. Please contact ClimateMaster's Customer Service Department at 1-405-745-6000 for specific information on the current design and specifications. 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.

As an ENERGY STAR® Partner ClimateMaster has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

CLIMATEMASTER®
 The Global Leader

Features and Performance Guide

Why Do We Coat Our Coils?

Modern home building materials such as counter-tops, floor coverings, paints, and other materials can “out gas” chemicals into your home’s air. Some of these chemicals are suspected of contributing to air-coil corrosion.

The Solution:

All ClimateMaster Genesis™, Ultra Classic™, and Tranquility™ Series packaged geothermal heating and cooling systems feature E-Coated air-coils. This process will provide additional protection against coil corrosion from airborne chemicals resulting from modern building material outgassing and most air borne environmental chemicals. In fact, ClimateMaster’s exclusive E-Coated air-coils enhance corrosion protection to nearly 20 times that of a traditional uncoated coil.*

Studies have also shown that coated air-coils improve moisture shedding and therefore improve our unit’s moisture removal capability. The net result; a more comfortable home for you. E-Coating is your assurance of both maximum air-coil life and comfort.

* Test based upon ASTM B117 Salt Spray test hours



E-Coated Air Coils from ClimateMaster – Added Protection for Coil Durability

- ClimateMaster residential packaged units come standard with E-Coated air coils.
- ClimateMaster geothermal heat pumps are backed by a standard 10-year limited warranty on major refrigerant circuit components and a 5-year limited warranty on all remaining covered components.
- E-Coating provides superior corrosion resistance.
- E-Coated coils have a significantly longer life span than uncoated coils, or coils using older coating technologies.
- E-Coated coils tested with salt spray for 2,000 hours have shown no damage to the coating or coil.

What is E-Coating?

E-Coating (also known as electro-coat) is a highly specialized electrostatic coating process which applies a corrosion resistant, epoxy-based electrically charged coating particles that are attracted to oppositely charged air coil and distributor components.

The result is a consistent and uniform coat coverage on the outside surface of the coil as well as within the coil fins.

E-Coat Engineering Guide Specification

The E-Coat air coil shall consist of a low cure cathodic epoxy material a minimum of 0.4 mils thick (0.4 – 1.5 mils range) on all surfaces. The black colored coating shall provide a minimum of 500 hours salt spray protection per ASTM B117-97 on all galvanized end plates and a minimum of 1000 hours of salt spray on all aluminum fin and bracket components. The material shall be formulated without the inclusion of any heavy metals and shall exhibit a pencil hardness of 2H (ASTM D3363-92A), crosshatch adhesion of 4B-5B (ASTM D3359-95), and impact resistance of 160 in/lbs direct (ASTM D2794-93).

For more information on E-Coated coils contact your ClimateMaster dealer.

