



## Introducing GeoDesigner 5.0 The Homeowner's Choice for Geothermal Design

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GeoDesigner isn't just another design tool; it's ClimateMaster's advanced resource for precise geothermal system estimates. With its ability to analyze key factors like solar gains, occupancy, and construction quality, GeoDesigner provides highly accurate spending projections and recommends the ideal geothermal model. Now, with the latest Low GWP offerings from ClimateMaster, users can receive the best estimate to optimize their energy savings and find comfort with cutting-edge efficiency.

### What's New in GeoDesigner 5.0?

We're excited to unveil GeoDesigner 5.0, an enhanced version of our powerful residential geothermal design software. This latest update broadens design possibilities with expanded capabilities and an enriched database for even greater precision.

### New Features & Enhancements

- **Expanded Equipment Library** – Now includes the latest R-454B refrigerant models for improved energy efficiency. Newly available models include:
  - **Tranquility® 30 (SE) Premier Two-Stage Series**
  - **Tranquility® 24 (SZ) Versatile Two-Stage Series**
  - **Tranquility® 30 Premier Split Series** (Coming Soon!)
- **Geographic Expansion** – More location-specific data for cities across North America, including Alaska, Canada, Hawaii, New England, Texas, Puerto Rico, and beyond. This provides highly accurate regional insights into system performance across different climates.
- **Enhanced System Performance Maps** – Fully detailed equipment performance maps now integrate ASHRAE's modified bin method, ensuring accurate system cycling models.

### Why Choose GeoDesigner?

GeoDesigner software delivers a streamlined, user-friendly experience that empowers homeowners and professionals alike to design systems with confidence.

### The Benefits of GeoDesigner 5.0:

- **Comprehensive geothermal and conventional system comparisons**
- **Fast navigation for quick and efficient project completion**
- **Secure data handling to ensure project privacy**
- **Accurate energy and cost projections tailored to individual environments**

**Geothermal Energy: The Smart Way to Heat Your Home**

When outdoor temperatures drop, conventional air-source heat pumps must work harder to extract heat, making them less efficient. In contrast, geothermal heat pumps tap into the consistent warmth beneath the ground, achieving **400-600% efficiency**—surpassing gas furnaces, which are only 98% efficient.

### **How Geothermal Energy Works**

- **Harnessing Solar Energy from the Ground** – Just a few feet underground, temperatures remain stable year-round. Geothermal systems utilize underground pipes (ground loops) to exchange heat with the earth.
- **Efficient Heating & Cooling** – In winter, the system pulls heat from the ground to warm your home. In summer, it absorbs excess indoor heat and transfers it back into the cooler earth, significantly cutting energy costs.

### **Upgrade to GeoDesigner 5.0 Today!**

The latest GeoDesigner release ensures you get the most precise, energy-efficient geothermal system recommendations available.

### **Download GeoDesigner 5.0 now and take control of your energy future!**

For more details or to upgrade, visit [https://info.climatemaster.com/geodesigner#geodesigner\\_form](https://info.climatemaster.com/geodesigner#geodesigner_form) or contact your ClimateMaster Sales Manager today.