

Tranquility20™

Geothermal Heating
& Cooling Systems



Next Energy
Geothermal Solutions

If you want maximum living comfort combined with the longest system life, the least expensive maintenance, and the lowest annual energy costs you can find anywhere, then you will be thrilled with our NextEnergy geothermal heating and cooling systems.

Tranquility20™

The opposite of anxiety is...**Tranquility20™**. Homeowners just like you are growing more anxious every day as energy prices fluctuate wildly. Even worse, no permanent relief is in sight.

What can you do to protect your family from this costly trend? Reduce your consumption of energy. You can improve your home's 'energy efficiency' with better appliances, more insulation, and newer or fewer windows...but did you know that over 50% of your utility costs come from heating, cooling, and hot water? Now that's something you can control...it's called the **Tranquility20™** geothermal system from NextEnergy.



Tranquility 20™ Unit

EarthPure Refrigerant

Using **EarthPure Ozone Safe Refrigerant***, the **Tranquility20™** is a breakthrough in efficiency, providing you with the greatest energy savings of any space conditioning system and unprecedented environmental protection at the same time.

Homeowner Advantages

Low Utility Bills: Components and design are so highly evolved that they make the **Tranquility20™** the most efficient energy saver anywhere.

Flexibility: You get heating, central air conditioning, and domestic hot water... three important benefits from a single compact unit.

Comfort: An innovative air delivery system that provides maximum comfort year round with optional dehumidification that works in any climate.

Safe and Clean: Geothermal heating and cooling has no flame, no flue, no odours, and no danger of fumes.

Homeowner Satisfaction: Independent consumer surveys rate geothermal systems as having the highest customer satisfaction compared to other heating and cooling systems.

Noise-Free Operation: Unlike traditional air conditioners or heat pumps, geothermal units have no noisy outdoor fans to disturb you or your neighbours.

System Performance Monitor: Automatic alert system lets you know if the system is not running at peak performance.**

Homeowner Advantages

Long System Life: The elegant yet durable design of the **Tranquility20™** ensures long life, dependable operation, and low maintenance. All **Tranquility20™** air coils are specially treated for longevity.

NextEnergy Electrostatic Filter: Superior air filtration improves indoor air quality. Outperforming traditional fiberglass air filters, our NextEnergy filter captures 100% of pollen and spores, and has an unlimited life expectancy.

Warranty: NextEnergy offers a standard 10-year warranty on major refrigeration circuit components and a 5-year limited warranty on all remaining covered components.

Maximum Comfort

The **Tranquility20™** is so sophisticated it automatically adjusts itself to provide the optimum, consistent indoor air temperatures regardless of the weather extremes.

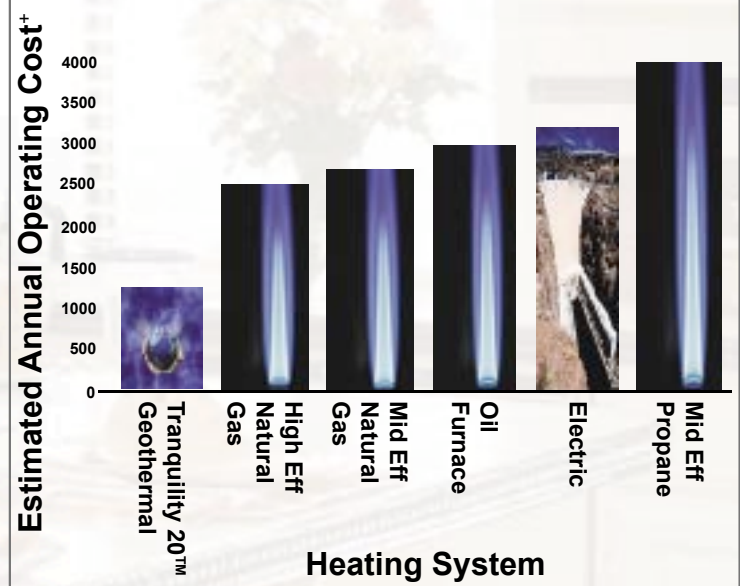
Advanced scroll compressor technology and microprocessor controls allow the **Tranquility20™** to operate at the most efficient level for all weather conditions. The **Tranquility20™** has the industry's highest single stage efficiency ratings.

Optional variable speed (ECM) fan design allows the **Tranquility20™** to "match" performance to meet all weather conditions:

- On those cold winter days up to three stages of heat automatically engage when needed to keep your home warm and comfortable.
- During humid days a special dehumidification mode may be used to provide exceptional moisture removal.
- In mild spring and fall months only first stage heating or cooling is needed to provide optimum indoor comfort.
- The **Tranquility20™** assures you of high comfort, maximum efficiency, superior year-round dehumidification, and low utility bills.



Heating System Cost Comparison



The energy-efficiency criteria for geothermal heat pumps to qualify for the ENERGY STAR program requires an EER rating of 14.1 (closed loop systems) or 16.2 (open loop system). The **Tranquility20™** has an EER rating of 20- showing that not all ENERGY STAR qualified systems are created equal.

Tranquility20™. The most energy efficient single stage space conditioning system available from any manufacturer, anywhere on the planet.

* EarthPure HFC410A Refrigerant is a high performance refrigerant that will not harm the ozone layer.

** When using the NextEnergy companion thermostat.

+ Operating costs based on 2004 energy prices and typical 2000 sq.ft. Ontario house with four occupants.

The National Leader

NextEnergy has rapidly emerged as the national leader in the marketing and distribution of geothermal comfort solutions after only five years in the industry. Our geothermal experts combine many years of experience in the advancement of geothermal technology to meet the demands of our Canadian climate. NextEnergy geothermal units are custom-made by ClimateMaster, which has spent more than forty years in the research and development of geothermal technology, and installed by a Canada-wide network of qualified dealers. NextEnergy is committed to excellence. We assure you that through the installation of the **Tranquility20™**, your home will have a low-cost geothermal system that meets your needs and keeps you in comfort all year round.

Your NextEnergy geothermal system can be installed one of four ways:

Vertical Loop



Horizontal Loop



Open Loop



Pond Loop



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 **NextEnergy** *Geothermal Specialist:*

