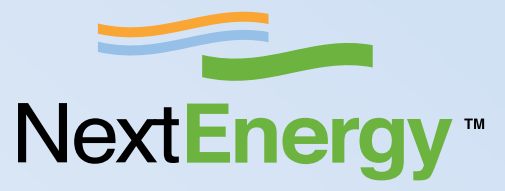


# Tranquility

GEOTHERMAL HOME COMFORT

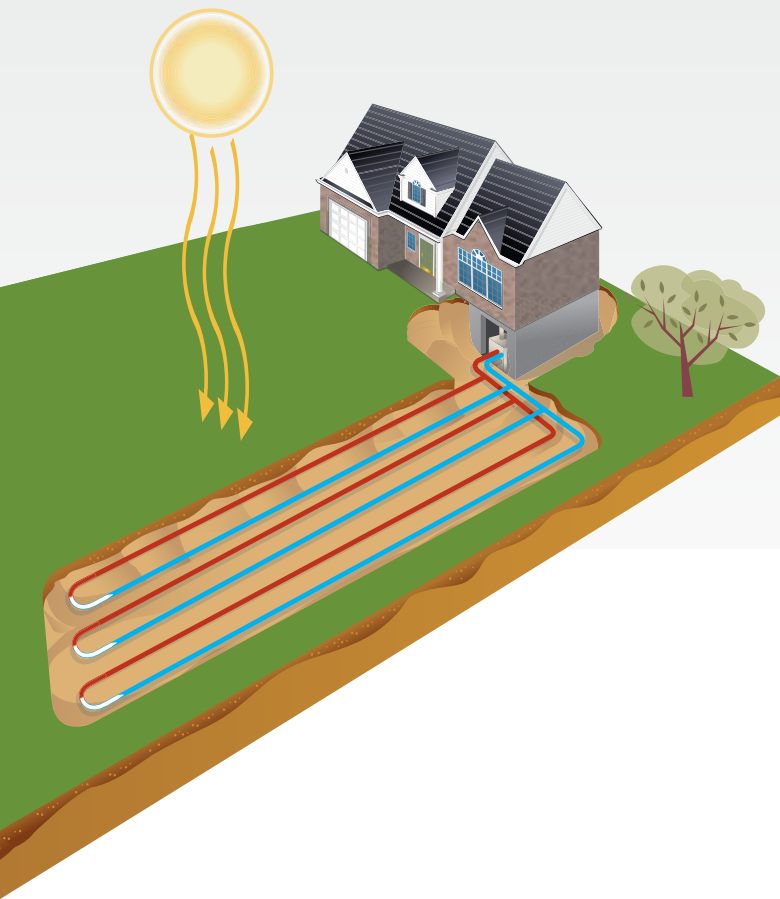


# HOW NEXTENERGY WORKS



In the winter, a NextEnergy system extracts heat from the earth through a highly efficient, self-contained and fully renewable process. The system consists of a geothermal unit inside your home (roughly the size of your existing furnace) and a series of pipes buried 6-8 feet underground on your property.

In the summer the process is reversed. Heat is extracted from your home and deposited in the ground, using the same highly efficient equipment.



*"If you want the ultimate in comfort, long system life, minimal maintenance and low annual operating costs, you will be thrilled with the Tranquility geothermal home comfort system from NextEnergy. Our Tranquility system keeps us in year-round comfort, supplying our home with heating, air conditioning and domestic hot water."*

- 1 THE SUN'S ENERGY IS STORED IN THE GROUND
- 2 GEOTHERMAL PIPE ABSORBS LOW-GRADE HEAT FROM THE GROUND
- 3 THE PIPE CARRIES THIS HEAT INTO YOUR HOME
- 4 NEXTENERGY SYSTEM TRANSFORMS LOW-GRADE HEAT TO HIGH-GRADE HEAT AND DISTRIBUTES IT THROUGHOUT YOUR HOME

# TRANQUILITY SERIES BENEFITS

**System Efficiency:** A NextEnergy home comfort system will save you up to 75% on your energy costs.

**Environment:** Installing a NextEnergy system in your home will achieve carbon emission offsets equal to eliminating the consumption of 1200 gallons of crude oil every year.

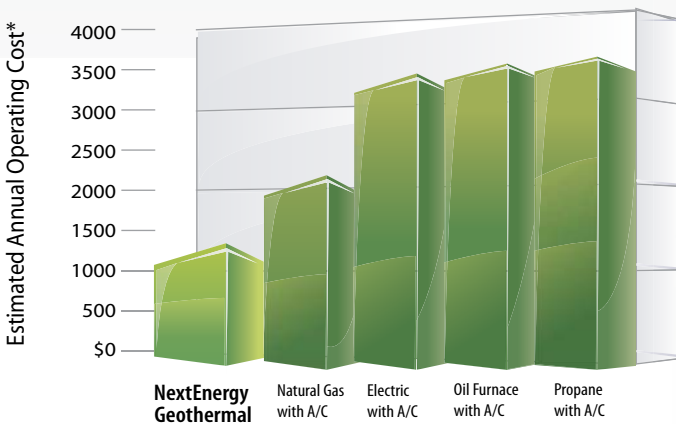
**Safe and Clean:** Unlike traditional heating systems, a NextEnergy system has no flame, no flue and no dangerous fumes.

**Long System Life:** The elegant yet durable design of our Tranquility series ensures dependable operation and low maintenance with a life expectancy of up to 25 years.

**Noise-Free Operation:** Unlike traditional air conditioners, the Tranquility has no noisy outdoor fans to disturb you or your neighbours.

**Electrostatic Filter:** Superior air filtration improves indoor air quality. Outperforming traditional fiberglass air filters, NextEnergy's electrostatic filter captures unwanted pollen and spores and lasts for the life of the system.

## Operating Cost Comparison



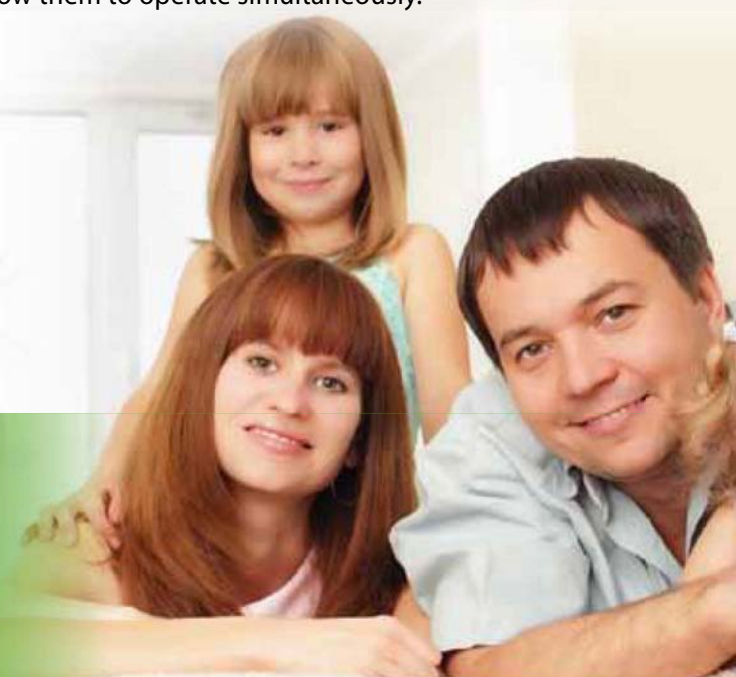
# RECEIVE PEACE OF MIND

Your NextEnergy home comfort system is backed by the most comprehensive warranty in the industry. All of our Tranquility systems come with our 10-year manufacturer's limited warranty on all components plus a 5-year limited labour warranty.

NextEnergy also offers an optional "Peace of Mind" warranty. A 10-year manufacturer's limited warranty on parts and labour, including your ground loop pipe.

# TOTAL HOME COMFORT SOLUTION

To create the ultimate in home comfort, NextEnergy can package our Tranquility forced air system with our Tranquility in-floor hydronic system. The result is a true on-demand 'four function' solution providing forced air heating, air conditioning, in-floor heating and domestic hot water. The efficiency, capacity and comfort of a NextEnergy system increases dramatically when you combine the functions of both Tranquility systems and allow them to operate simultaneously.



Heating & Cooling System

\*Operating costs based on 2010 energy prices and typical Ontario house with four occupants.

# THE TRANQUILITY FAMILY

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## FORCED AIR SYSTEM

### Tranquility 20 Single-Stage

The Tranquility 20 is a breakthrough in efficiency, providing you with the greatest energy savings of any single stage geothermal system and unprecedented environmental protection at the same time. This system offers the latest in single-stage technology and a variable speed fan allowing it to operate at the most efficient level for all weather conditions. Not only is this system efficient and environmental, it also looks good. The Tranquility 20 comes standard with an attractive and durable stainless steel cabinet.

### Tranquility 27 Two-Stage

The Tranquility 27 two-stage forced air system has all the features of our single stage system. Additionally, the Tranquility 27 takes advantage of two-stage technology, allowing the system to run in the optimal stage for the appropriate season. In the spring, summer and fall, the Tranquility 27 will primarily run in first stage, the result is an even quieter and more efficient system. In the coldest winter days or nights, as it is needed, the system will automatically engage the second stage to maintain optimal home comfort. As a result, you will feel why the Tranquility 27 holds one of the industry's highest efficiency ratings. As an added benefit to your family, the system also has the capability to simultaneously heat a portion of your domestic hot water.

## IN-FLOOR SYSTEM

### Tranquility Medium Temperature

Nextenergy's Tranquility Medium Temperature Water-to-Water system offers application flexibility, high efficiency, high capacity and quiet operation. This system can be used for a variety of hydronic applications with both heating and chilling capability. The most common are in-floor heating and domestic hot water. NextEnergy in-floor heating is the ultimate in comfort and practicality, reducing fluctuations in temperature and resulting in a more comfortable home environment. The Tranquility system can also be used to provide your home with a majority of its domestic hot water generation.

### Tranquility High Temperature

The Tranquility High Temperature Water-to-Water system provides almost unlimited applications for hydronic heating systems due to the high temperature output (135°F), internal controls, and factory-installed options. Although it is well suited for in-floor heating applications, the system's unmatched flexibility also allows for a higher temperature output. Depending on the design of the radiator, this system can provide a green alternative to a conventional boiler system. Another unique design feature is a secondary heat exchanger which provides domestic hot water generation. The system includes a special high temperature scroll compressor coupled with heat exchangers designed specifically for water heating, the result is unmatched system efficiency and performance.





## TRANQUILITY TOTAL HOME COMFORT

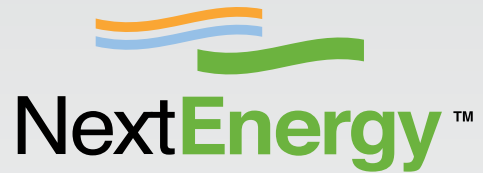
When homeowners are asked what they like about their NextEnergy system, one of the most common responses is comfort. The Tranquility total home comfort system provides a steady, consistent airflow, resulting in an optimal home living environment for your family.

NextEnergy's Tranquility system offers homeowners the most efficient, quiet and comfortable home heating and cooling system available.

# THE NEXTENERGY DIFFERENCE

## **Your NextEnergy Experience**

At NextEnergy, we are committed to providing our customers with the ultimate green energy experience from start to finish. We pride ourselves on quality, consistent customer service that is beyond compare. Your green energy experience is very important to us so we have designed a geothermal sales and installation procedure that will exceed your expectations. Our knowledgeable staff are here to answer all your questions so you will be confident that you made the right choice for your family's home comfort.



1-800-367-9810  
[www.nextenergy.ca](http://www.nextenergy.ca)

## **NextEnergy Authorized Contractors**

When you choose NextEnergy, you also receive the best service, installation and customer support through the industry's most experienced and trustworthy network of Authorized Geothermal Contractors. Our authorized contractors go through a rigorous screening process before receiving the industry's best training from our team of in-house geothermal experts. These authorized contractors are hand picked by NextEnergy to assure your family receives the ultimate green energy experience.

