

GT-PX

Geothermal Heating &
Cooling Systems





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Geothermal systems

require only a small

amount of electricity to

exchange heat with the

earth, saving you money

each month on your

utility bills.

GT-PX...

The opposite of anxiety... is GT-PX. 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 improved appliances, more insulation, and newer or fewer windows... but, did you know that over 50% of your utility costs come from heating, cooling, and water heating? Now, that's something you can control... it's called the GT-PX geothermal system from Carrier.



Using **Puron**[®] Ozone Safe Refrigerant*, the GT-PX 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.



GT-PX Unit

Homeowner Advantages

- **Low Utility Bills:** Components and design so highly evolved make the GT-PX 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:** A system that automatically adjusts to satisfy changing weather conditions by using advanced Two-Stage compressors and an air delivery system that responds to your comfort needs.
- **Safe and Clean:** Geothermal heating and cooling has no flame, no flue, no odors, and no danger of fumes.
- **Homeowner Satisfaction:** Independent consumer surveys rate geothermal systems as having the highest customer satisfaction compared to other types of 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 neighbors.
- **System Performance Monitor:** Automatic alert system let's you know if the system is not running at peak performance.**



Homeowner Advantages

- **Long System Life:** The elegant yet durable design of the GT-PX ensures long life, dependable operation and low maintenance. All GT-PX air coils are specifically treated for longevity.
- **MERV 11:** Superior air filtration improves indoor air quality. Compared to traditional fiberglass air filters, the MERV 11 removes up to 9 times more dust, lasts 3 times longer and captures nearly 100% of pollen and spores.
- **Warranty:** 10-year limited warranty standard.***

Two-Stage Comfort

The GT-PX is so sophisticated it automatically adjusts itself to provide the optimum, consistent indoor air temperatures regardless of the weather extremes.

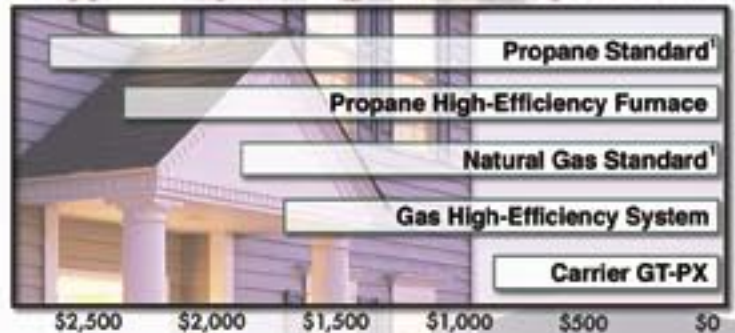
Advanced Two-Stage Technology allows the GT-PX to operate at the most efficient level for all weather conditions. The GT-PX has the industry's highest efficiency ratings.

Advanced two-stage design allows the GT-PX to "match" performance to meet all weather conditions:

- On those cold winter days the second stage automatically engages when needed to keep your home warm and comfortable.
- During the hottest months the second stage automatically engages when needed to provide additional cooling.
- In mild spring and fall months only the first stage is needed to provide optimum indoor comfort.

- Ninety percent of the year the GT-PX runs at low stage. The second stage kicks in automatically only when needed in the hottest and coldest months of the year. Using an electronic variable-speed fan motor, the GT-PX assures you of high comfort, maximum efficiency, superior year-round dehumidification, and low utility bills.

Typical Operating Cost Comparisons



The results shown in the chart are based upon generally prevailing energy costs. Your Carrier dealer can provide you with savings estimates for your home.



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 GT-PX has a EER rating of **27** – showing that not all Energy Star qualified systems are equal.

GT-PX. The most energy efficient space conditioning system available from any manufacturer, anywhere on the planet.

* Puron® 401A Refrigerant is a high performance refrigerant that will not harm the ozone layer.

** When using the Carrier companion thermostat.

*** 10-year limited warranty on major refrigerant circuit components and a 5-year limited warranty on all remaining covered components.

1. Estimates based on 80% efficient gas furnace with a ten SEER air conditioner (typically used in many new homes and is the current federal minimum standards allowed).



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Carrier 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 Carrier's Customer Service Department at 1-405-745-2920 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 Carrier's opinion or commendation of its products.

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