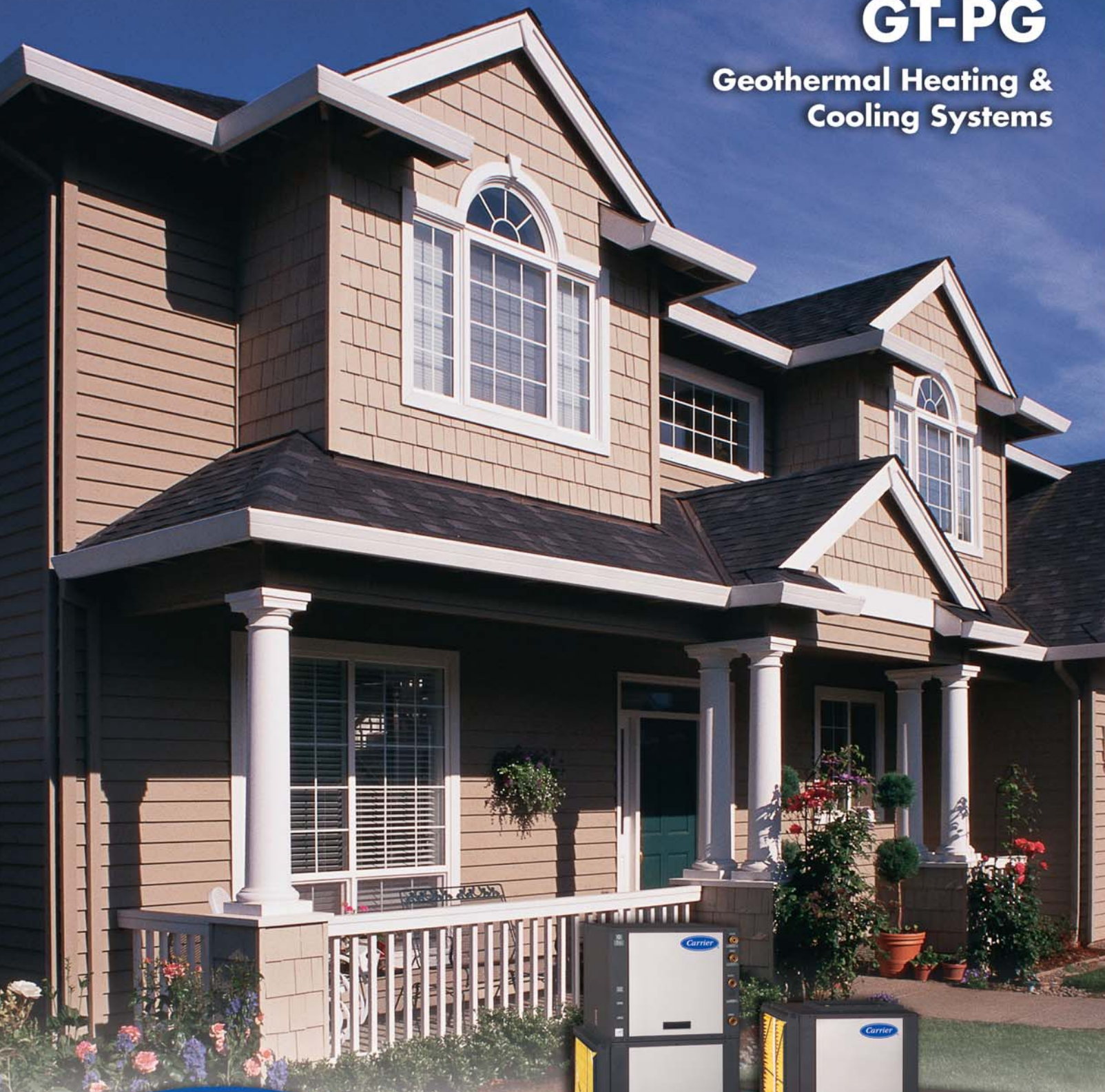


GT-PG

Geothermal Heating & Cooling Systems





Geothermal Heating and Cooling Systems

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-PG...

The opposite of anxiety... is GT-PG. 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-PG geothermal system from Carrier.



GT-PG Unit

Puron Refrigerant

Using Puron® Ozone Safe Refrigerant*, the GT-PG is a breakthrough in efficiency – providing you with the greatest energy savings of any single stage space conditioning system and unprecedented environmental protection at the same time.

Homeowner Advantages

- **Low Utility Bills:** Components and design so highly evolved make the GT-PG 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 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-PG ensures long life, dependable operation and low maintenance. All GT-PG 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.***

Maximum Comfort

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

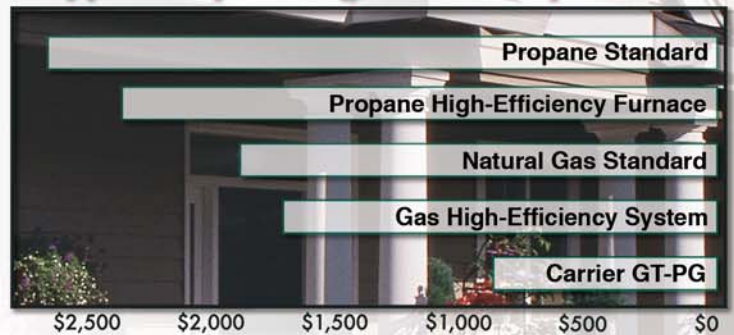
Advanced scroll compressor technology and microprocessor controls allow the GT-PG to operate at the most efficient level for all weather conditions. The GT-PG has the industry's highest single stage efficiency ratings.

Optional variable speed (ECM) fan design allows the GT-PG 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 GT-PG 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.¹

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-PG has a EER rating of 20 – showing that not all Energy Star qualified systems are equal.

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



* Puron® HFC410A 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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