



Geothermal Split System

The GeoComfort geothermal split system is probably our most versatile system, equally well suited for new construction and existing home installations. The space-saving footprint of this unit makes it an excellent choice for new construction homes with minimal space for mechanical equipment. The unit can be used alone or added to a conventional furnace in new or existing homes to supplement the geothermal system in severe temperatures.

In essence, adding a split system to an existing furnace creates a hybrid heating system. This geothermal application is the most efficient, versatile and economical choice for many pre-existing homes.

GeoComfort split systems burn no fossil fuels and will lower your reliance on less efficient conventional systems. As a result, your carbon footprint is reduced and that's good for the environment. Your heating and cooling costs will also be reduced and that's good for your family.



GeoComfort systems are built in the heart of America with stringent quality control systems and the most comprehensive testing within the geothermal heating and cooling industry.

www.geocomfort.com

Live comfortably.™

Unit Features:

- Standard hot water generator allows for the capture of free unused heat, typically cutting hot water costs by up to 50%.
- Split systems have AHRI certified air handler and "A" coil matches for every model. This benefit enables the system to be eligible for the 30% US tax credit. Other state/provincial credits may apply.
- Optional auxiliary electric heaters for backup heating or emergency heating situations.



Ground Loop Heat Pump

Unit Performance (Two-Stage)*

Model	Capacity	Heating		Cooling	
		Btu/hr	COP	Btu/hr	EER
GTC024	Full Load	21,000	3.5	27,500	15.1
	Part Load	15,500	4.0	20,300	19.1
GTC036	Full Load	29,800	3.4	37,400	17.1
	Part Load	19,800	4.3	24,900	22.8
GTC048	Full Load	43,300	3.3	54,300	16.7
	Part Load	28,700	4.1	36,000	22.6
GTC060	Full Load	49,500	3.3	62,100	16.5
	Part Load	34,600	4.1	43,400	22.4

Notes:

Certified in accordance with ISO Standard 13256-1 which includes pump penalties.

Heating capacities based on 68.0°F DB, 59.0°F WB entering air temperature.

Cooling capacities based on 80.6°F DB, 66.2°F WB entering air temperature.

Entering water temperatures Full Load: 32°F heating / 77°F cooling.

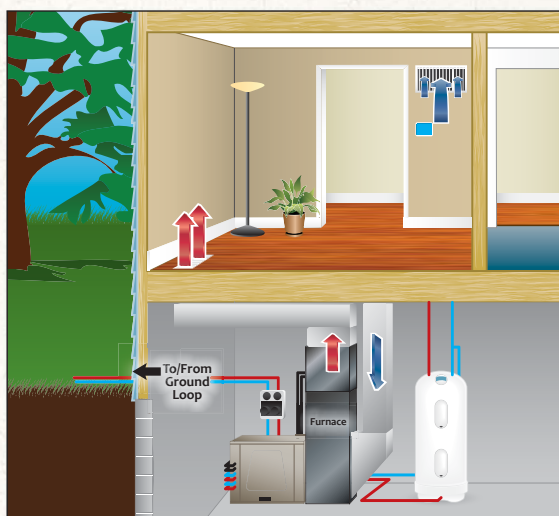
Entering water temperatures Part Load: 41°F heating / 68°F cooling.

* With company matched air handlers and ECM motor.

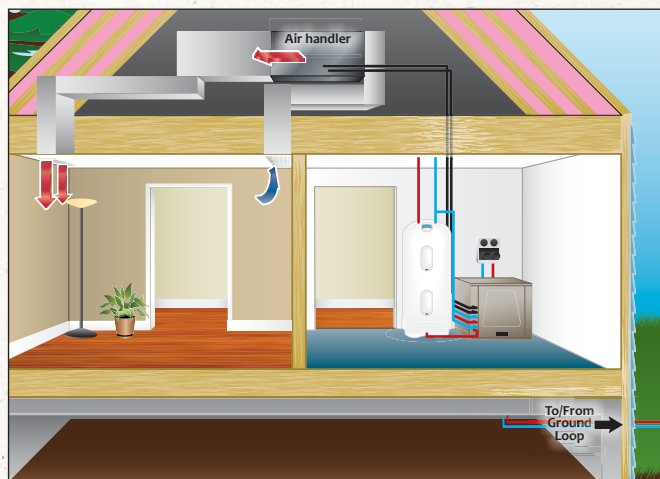
Does not apply to "A" coil matches.

Unit Flexibility

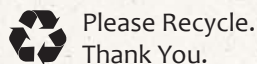
GeoComfort split systems offer a wide array of installation options for new construction or existing homes. With its compact size, the split system can be installed where a larger geothermal packaged unit cannot. In many cases, the split system can be used with an existing air handler or furnace when increased efficiency is desired. Because our matched air handlers fit many airflow patterns of traditional equipment, installation is straightforward, even in replacement situations.



Common hybrid heating system with furnace.



Common split geothermal installation with air handler.



EMGL0004

Product specifications reflect available information at time of printing. Design and specifications may change without notice.

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