

# Geothermal Heating and Cooling System

A **geothermal heating and cooling system** uses the **stable temperature of the earth** just below the surface to efficiently **heat and cool a home**. Instead of burning fuel, it transfers heat to or from the ground using a series of underground pipes (called a **ground loop**) and a **heat pump** inside the house.

## How it works:

- In **winter**, the system pulls heat from the ground and transfers it into the home.
- In **summer**, it extracts heat from the home and transfers it into the cooler earth.

## Key benefits:

- **Highly energy-efficient** (up to 70% more efficient than traditional systems).
- **Environmentally friendly** – reduces carbon footprint.
- **Very low operating costs** after installation.
- **Quiet and low-maintenance** operation.
- Can also provide **hot water** in some configurations.

\*Buyer To Confirm Details\*

