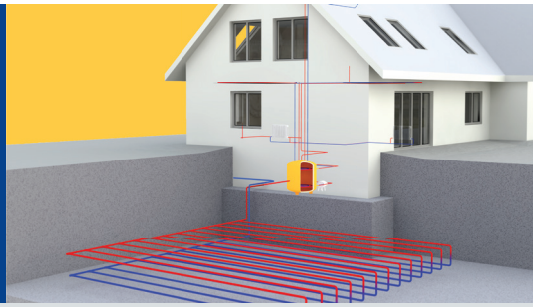
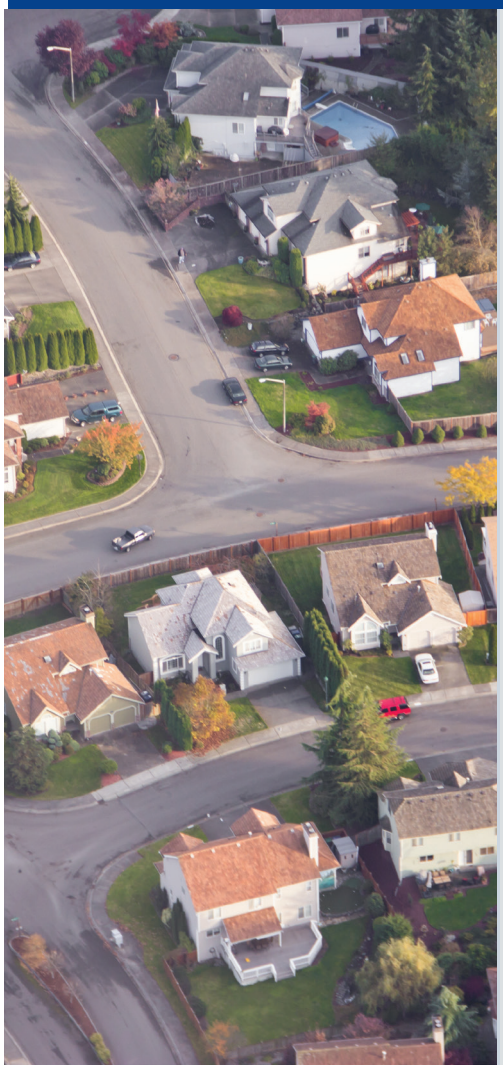
Ground Source Heat Pumps

sustainable homes rochester
Clean. Comfortable. Affordable.

Save on Heating and Cooling
Reduce Your Carbon Footprint

Lower your energy use, increase comfort, and reduce your impact on the environment with a ground source heat pump system.





Installing clean HVAC technologies, including ground source and air source heat pump systems, can reduce your energy costs, decrease your carbon footprint, and increase everyday comfort. When paired with improved insulation and air sealing, the benefits are even greater.

Heat pump systems heat and cool your home or office without burning fossil fuels. No on-site combustion means no risk of dangerous carbon monoxide fumes.

How do ground source heat pumps work?

Ground source heat pumps extract heat from the ground during cold weather via an underground pipe system, which is then distributed throughout your home or business. During warmer months, the process is reversed to provide cooling. These systems are sized to provide 100 percent of your heating and cooling needs.

What are the benefits?

- **Lower energy usage, predictable energy bills.**
  Heats and cools your home more efficiently than traditional HVAC systems like oil, propane, and electric resistance.
- **Increased comfort.**
  Get quiet, comfortable heating and cooling throughout your home or business.
- **Low maintenance, long lasting.**
  Ground source heat pumps last up to 25 years, compared to 15 years for furnaces and conventional AC units, and require little maintenance.
- **Clean, healthy, and safe.**
  No combustion of fossil fuels, no fuel storage, no emissions, and no risk of carbon monoxide fumes.

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