



Energy Savings:

Because of their exceptional efficiency, solar energy and geothermal systems are substantially less expensive to operate than traditional natural gas or electric commercial heating and cooling systems. Other heating costs can also be dramatically reduced by heat recovery. For example, heat removed from the building by air conditioning in the summer can be used to heat domestic hot water, swimming pools, hot tubs, or other parts of the facility.

Solar and Geothermal systems typically cost 50% to 70% less to operate than traditional commercial systems. The simple payback (the period of years before the savings in annual operating costs exceed the initial premium of an installation) ranges from 3 to 12 years. In many cases installing a solar and geothermal system can result in positive cash flow from the first month of operation. Many utility companies also offer grants and rebates for buildings using solar thermal and geothermal systems.

To provide a real example of the cost savings from a solar thermal / geothermal system, we have estimated the energy consumption for one of our recent commercial installations. The total savings over 10 years are \$602,500.00.

FINYE DESIGN: ENGINEERING GRAPHICS.



Year Round Solar Hot Water Heating

The Finye system is an active solar water heating system that can be used in residential and commercial settings to provide hot water for sinks, showers, laundry, dishes etc. This system can also be customized to heat water for swimming pools and radiant space heating.

Zero emission, in a hotel or at home.

FINYE DESIGN

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89 solar collectors for 200 apartment units.

Finye is known for providing highly efficient heating and cooling systems for commercial buildings. Our services include personalized:

- consulting,
- design and
- installation.

We combine **solar thermal** with **ground-source heat pumps** and **heat recovery** systems. For maximum performance.

We specialize in both:

- energy retrofits of commercial buildings, and
- systems for new commercial construction.

Our goal is to solve your heating and cooling challenges in the way that saves you the most money. We carefully analyze your requirements and give you a detailed energy-efficiency proposal.

Climate Change and its consequences

Climate change will fundamentally alter the world in which we live. It threatens to melt the polar ice caps, raise sea levels and cause extreme weather like severe droughts, storms and floods - some of which we are already seeing.

Our only chance is to reduce our emissions of greenhouse gases such as carbon dioxide, which come mainly from motor vehicles and power stations using fossil.



Roof Mounted residential unit.

Solar Heating is Green

Using a rentable energy source such as solar can be a great way of reducing carbon emissions while saving you home or business considerably amounts of money.



Free Evaluation

Finye provides a Free On-Site Solar Domestic Hot Water Evaluation. You may contact us by phone or email.

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