

Solar Heating Systems



Flat Plate Collector



Evacuated Tube Collector



We install solar forced air heaters and combi systems

Your hot water heater gobbles energy, as much as \$10,000 worth over the course of its lifetime—and that's before the inevitable rate increases!

Don't pay exorbitant electrical and gas bills to heat your home's water or air when you can tap the power of the sun. By mating your existing hot water heater or forced air heating system to a solar heating unit, you not only save money, you support the environment through clean solar heating, too. In fact, if half of all households installed solar water heaters, the reduction in CO₂ emissions would be equivalent to doubling the fuel efficiency of all cars on the road today!

Benefits:

- Save money year-round on your energy bill
- Lower your environmental impact by eliminating up to 8 tons of greenhouse gases per year
- Receive a 30% federal tax credit (Ohio residents may also get a GEO Grant)
- Reduce your exposure to future utility rate hikes

Our solar heating systems are up to 70% efficient at converting sunlight into heat. Our systems supplement your existing system to provide you a smart, cost-effective solution to your heating needs.

Our experienced professionals install:

- Solar water heating systems
- Solar swimming pool heating systems
- Solar radiant floor systems
- Solar forced air heating systems

We offer both flat plate and evacuated-tube type collectors. We guarantee your new solar heating system meets or exceeds all local building codes and SRCC Thermal Requirements.

Free Solar Site Assessment!
For qualified individuals; ask for details

	Electric	Gas Tank	Tankless Gas	Solar (gas backup)
Purchase Price Installed	900	1500	3700	6995
Federal Credit/GEO Grant	0	0	1110	-3299
Added Property Value	No	No	No	Yes
Substantial GHG Savings	No	No	No	Yes
15 Year Operational Cost	9000	5250	4410	1312.5
Total Cost of Ownership	\$9900	\$6750	\$7000	\$5008



Solar Heating Systems Case Studies

Customer Location: Hamilton, Ohio
Year Built: 2004

Customer Goals:

- Heat with the sun to save on hot water heating costs and lessen environmental impact

Home Energy Checkup Installation:

- Sized system for occupancy and water-usage requirements
- Selected collector type and location (Customer chose an Apricus evacuated tube system.)
- Pulled permits and installed system (All system components are of the highest quality and installation standards.)
- Facilitated final code inspections
- Tested and verified heating performance

Installation cost: \$6,200
Tax credit: \$1,860
Total cost: \$4,340



Customer Location: Indian Hill, Ohio
Year Built: 1978

Customer Goals:

- Heat with the sun to save on hot water heating costs and lessen environmental impact
- Add a radiant floor to the 4-season room, solar collectors providing a portion of that heat
- Install attractive collector units that require almost no maintenance

Home Energy Checkup Installation:

- Sized system for occupancy and water usage requirements
- Selected collector type and location. (Customer chose the flat plate collector, which provides a clean, skylight look.)
- Pulled permits and installed system. (All system components are of the highest quality and installation standards.)
- Facilitated final code inspections
- Tested and verified heating performance

Installation Cost: \$6,800
Tax Credit: \$2,000
Total Cost: \$4,800



ACCREDITED CONTRACTOR



2009 Leadership Award Recipient