



a revolution in  
solar hot water

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# JOIN THE REVOLUTION

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# Solar hot water made easy. Finally!

## Affordable.

Sunnovations' solar hot water system provides **cost-effectiveness and performance**. How? Our system doesn't have a bunch of components that other solar hot water systems need to operate. And with **substantial incentives** from federal, state and local sources, the cost of our system can come down by 60% or more.

## Always on.

Rain or shine, you will **always have hot water**. Because our system is hybrid-powered (just like hybrid car), you have hot water even on cloudy days and during the wintertime. And you'll enjoy your hot baths and showers even more knowing that they are heated with **free, clean solar energy!**

## Hassle-free.

Sunnovations' system is powered by solar energy—**no electric pumps or controls** to repair or worry about turning on and off. You heard us...no servicing required...ever! We sell our system only through professional installers that we certify to ensure **"first-time-right"** installation.

## Eco-friendly.

Water heating is the second largest consumer of power in your home. Shifting to **renewable energy** sources like a Sunnovations solar hot water system removes the substantial cost and carbon footprint associated with heating your water. **Join your neighbors** in increasing the U.S.'s energy independence and reducing your environmental impact.

## Invest in your home

Energy savings increase a home's value by 20 times for every dollar saved.

## Made in the USA

Our system is made in Clarksville, TN—keeping jobs right here in our country!

## 147.6 million tons of CO<sub>2</sub>

What residential water heating dumps into the air every year—that's equal to 22 million cars!

### Sunnovations Geysir Pump

Our “passive” (meaning it requires no external power source) pump sends the hot fluid down into the water storage tank and brings cooled fluid up.

### Overflow Reservoir

This acts as our system’s overheat protection: if the water in your storage tank is already hot, the fluid circulating in the system dumps into this reservoir until additional water heating is needed.

### Solar Collector Panels

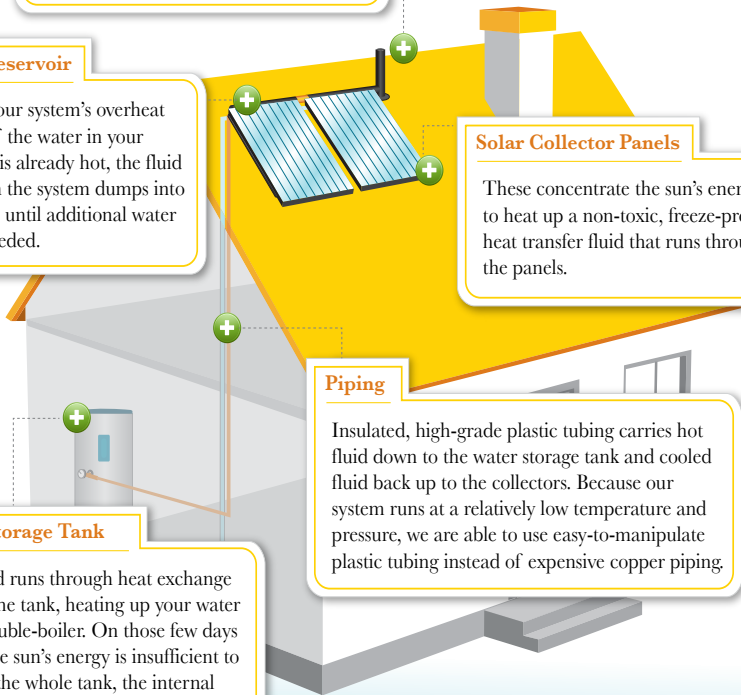
These concentrate the sun’s energy to heat up a non-toxic, freeze-proof heat transfer fluid that runs through the panels.

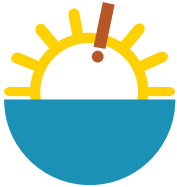
### Piping

Insulated, high-grade plastic tubing carries hot fluid down to the water storage tank and cooled fluid back up to the collectors. Because our system runs at a relatively low temperature and pressure, we are able to use easy-to-manipulate plastic tubing instead of expensive copper piping.

### Water Storage Tank

The fluid runs through heat exchange coils in the tank, heating up your water like a double-boiler. On those few days where the sun’s energy is insufficient to heat up the whole tank, the internal backup unit kicks in (or, if linked to a 2<sup>nd</sup> tank, the power source for that tank kicks in).





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**Affordable.  
Always on.  
Hassle-free.  
Eco-friendly.**

**703.286.0924**  
**[www.sunnovations.com](http://www.sunnovations.com)**