

**heliodyne**<sup>™</sup>  
SOLAR HOT WATER

# COME HOME TO SOLAR HOT WATER



**EXCELLENCE  
BY DESIGN**<sup>™</sup>

# THE MOST COST-EFFICIENT RENEWABLE ENERGY

Rising energy costs and environmental concerns have put a new focus on renewable energy. With our technological innovations, modern residential solar hot water systems are extremely efficient at harnessing energy from the sun to heat water. In fact, dollar for dollar, a solar hot water system is more affordable, and provides greater energy output than any other form of renewable energy for your home.

Enjoy peace of mind, knowing that you're taking steps to help preserve our environment, with the most cost-effective, reliable, and efficient technology from Heliodyne™.



*“We are committed to changing people’s everyday lives through the use of solar hot water, and to helping build a sustainable future for generations to come.”*



# THE MOST EXPERIENCED SOLAR HOT WATER COMPANY

Founded in 1976, Heliodyne Inc. is proud to be among the oldest solar hot water companies in the U.S. Our continued focus on solar hot water has made us a true specialist in the industry, and a leading supplier of quality solar hot water systems throughout the country.

Our parent company, SolarCAP A/S, a global leader in solar hot water, gives Heliodyne access to the latest technology and economies of scale, ensuring the most value for your money when investing in a Heliodyne system.

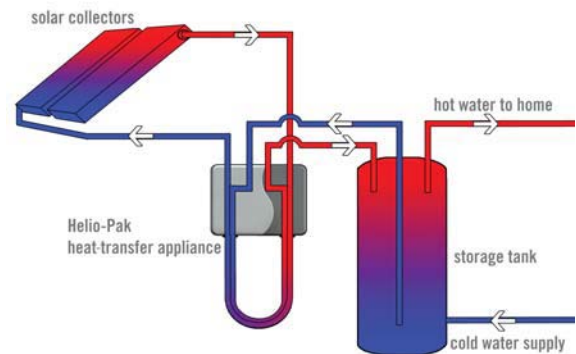
# EASY TO CHOOSE THE RIGHT SYSTEM

Selecting a solar water-heating system for your home has never been easier. We offer two types of systems: cool climate, and warm climate. See which is right for you. Remember that your installer or dealer can also help you make the right choice.

## Cool Climate System

If your region is prone to freezing, then a cool climate (also known as “closed loop”) system is required. In this system, special non-toxic, freeze-resistant fluid is used, instead of water, to transfer heat. This process protects your system from burst pipes during winter or cold nights. A closed loop system is also recommended in areas where the water is hard, since it prevents scaling in the pipes.

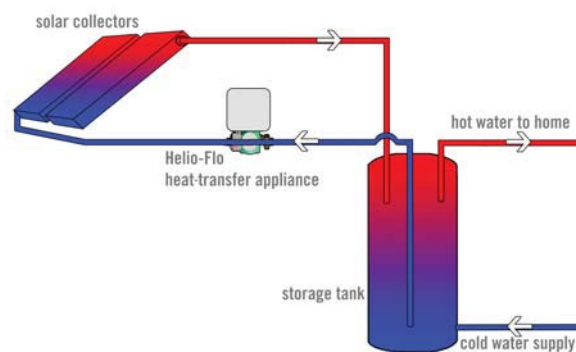
- Suitable for all regions
- Recommended if freezing or water hardness is an issue
- Fully protected from overheating or freezing



## Warm Climate System

A warm climate system (also known as “open loop” system) is very cost efficient, and works in areas that have soft water with no freezing. In this system, water circulates directly through the collectors and into your hot water tank. The simplicity of this system makes it very affordable.

- An economical choice
- Efficient direct water circulation
- Recommended for warm regions with good water quality
- Mild freeze-protection provided to a low of 40° F



# GREAT INCENTIVES AVAILABLE IN 2008

Take advantage of the 2008 federal tax credit for solar hot water, reduce your costs, and start saving money now. Contact your Heliodyne dealer, and get a quote on a solar hot water system designed for you and your family. It's the first step to enjoying free energy from the sun, and to reducing your carbon footprint.



# QUALITY COMPONENTS FOR OPTIMAL PERFORMANCE

All Heliodyne solar hot water systems come with ease of installation, durability, and affordability in mind. By familiarizing yourself with the two main system components, the solar collector and heat-transfer appliance, you'll see why Heliodyne systems are ahead of the competition.

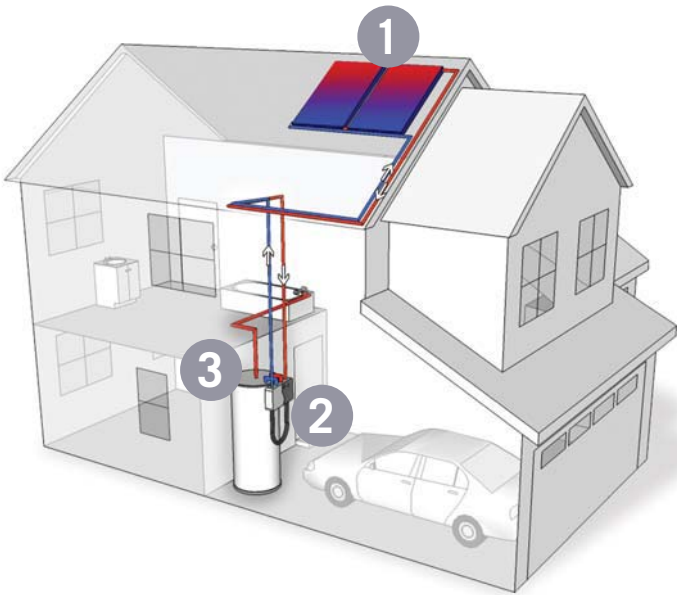
## SUPERIOR SOLAR HEAT-TRANSFER APPLIANCE

The Solar Rating & Certification Corp. (SRCC), the industry's governing body, rated the Helio-Pak **25% more efficient** than conventional heat-transfer appliances. In other words, the Helio-Pak generates more solar hot water to your home in a shorter amount of time than other brands. The unique design of the Helio-Pak also makes it much less sensitive to scaling in areas with hard water. These quality attributes are a result of years of unique refinements and technological innovations from Heliodyne.



## THE MOST RELIABLE COLLECTOR IN THE INDUSTRY

The Heliodyne GOBI solar collectors have proven to be the most durable, and among the industry's highest-performing collectors on the market, guaranteeing you many years of optimal performance. The quality and design we put into every component ensures a sturdy collector that maximizes the energy output from the sun. As a result, our collectors work exceptionally well even in areas with limited sunshine. Besides outstanding functionality, the collectors are also designed to complement your home, with an attractive, subtle low profile with an all-black finish.



## WORKS IN ANY HOME

When solar fluid in the collector (1) is heated by the sun, it is pumped through the Helio-Pak (2), which then heats the water in your storage tank (3). The solar fluid then circulates back up to the collector, where it gets reheated by the sun. The whole process automatically continues as long as the sun heats the collector. When there is little or no sun, a backup heating element self-activates to provide ample hot water for your home.

# ENJOY THE BENEFITS OF SOLAR HOT WATER

## Suitable for All Regions

- Solar water-heating systems can operate in any region within the U.S., including areas with heavy snow or rain



## Affordable

- Compared to all other alternative energy options, solar hot water is the most economical choice for your home's renewable energy needs
- Federal & local incentives exist, which can significantly reduce the cost of a new system. Find which incentives apply in your area at [www.dsireusa.org](http://www.dsireusa.org)

## Simple and Easy Installation

- A Heliodyne system can be installed within 1 or 2 days for most homes
- Very little service or maintenance is required for the life of the system
- Once installed, the system is fully automated

## Added Value for Your Home

- Adding a solar water heater to a home increases resale value, by at least the cost of the entire system

## Durable

- Heliodyne systems can easily operate 20 years or more without needing any serious maintenance
- Our solar collectors are able to withstand the harshest environments

## High Return on Your Investment

- With available incentives, most systems pay for themselves within 4 - 8 years
- You will significantly reduce your water-heating bills by hundreds of dollars annually
- A solar hot water system will hedge the impact that rising energy costs have on your home

## Preserves Our Environment

- Everyone can make a difference. Installing solar hot water for your home is a proactive step in combating global warming.
- A Heliodyne system greatly reduces your home's CO<sub>2</sub> emissions by approximately 30%, helping to preserve our environment for many generations to come



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