

# Helio-Pak Solar Water Heaters

Sensible Technology™ from Heliodyne, the Leading Manufacturer since 1976

Closed-Loop Systems with High-Efficiency Heat Exchangers  
for Safe Installation and Year-round Operation in All Areas

No Collector Freezing or Boilout

Specified and Installed on Homes, Businesses, National and State Parks



## *Helio-Pak DW CL Appliance*

Proven, Non-Freezing, Smart

- Modular and easy to install
- Solid and clean appearance
- Copper double wall heat exchanger
- Efficient counterflow design
- Food-grade heat transfer fluid
- Automatic operation
- Electronic tank temperature setting
- Adapts to standard tank sizes
- Several sizes to fit collector needs
- 150 psi rated for boilout protection

## *Gobi Solar Collectors*

Favorites of Installers and Homeowners

- Skylight appearance, attractive looks
- Solid and built to last
- Certified high performance
- All-copper blackchrome absorber plate
- Durable tube-to-fin absorber bond
- Double strength tempered solar glass
- Anti-glare finish
- Modular hardware for any tilt
- Wind and impact resistant
- Structural certification
- High output even on marginal days
- Sold and installed in many countries



Photo courtesy *In Hot Water*

Made in the USA

SRCC OG-100 and OG-300 certified



**HELIODYNE, INC.**

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## *Benefits of the Helio-Pak Solar Water Heater*

### **Attractive**

Skylight looks of attractively styled Gobi Collectors, with a bronze anodized frame and anti-glare glass finish, grace any home and easily adapt to any roof style.

### **In Hot or Cold Climates**

The closed-loop Helio-Pak system with antifreeze is safe in coastal, mountainous or cold inland regions and works in both summer and winter.

### **Any Water Quality**

The closed-loop Helio-Pak design with separate collector fluid keeps the Gobi Collectors free from hard water deposits for undiminished efficiency over the years.

### **All Installation Situations**

Because it does not depend on fluid draining from the collectors for protection, the Helio-Pak system is truly versatile: install the collectors below the storage tank, or one or more stories above the tank, with long or short pipe runs, collectors can be vertical or on their sides.

### **Efficient**

The counter-flow design of the Helio-Pak is the most efficient heat transfer known. Coupled with the large copper surface and heat transfer enhancing construction of the heat exchanger and the highly efficient Gobi blackchrome collectors, output is lasting and superior to other systems.

### **Safe**

The recommended collector loop fluid is a food-grade propylene glycol with inhibitors for durability. It is not flammable. In addition, the Helio-Pak features a double wall heat exchanger for extra safety.

### **Non-Freezing**

The collectors are protected with an antifreeze / water mixture for safe operation, even in winter. However, the storage tank and Helio-Pak heat transfer appliance must not be located in a freezing environment.

### **No Overheating**

The 150 psi design and construction of the Gobi Collectors and the Helio-Pak appliance protect the system from overheating or boilout during times of stagnation. The storage tank temperature is protected electronically with the temperature preset to a maximum of 180°F (160°F optional).

### **Single or Dual Tank**

Connect the Gobi Collector and Helio-Pak to a solar storage tank with electric element for backup in inclement weather in a single tank installation. Or, use a natural gas or propane water heater in line and after the solar storage tank for backup with a bypass for solar only usage.

Your authorized representative



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