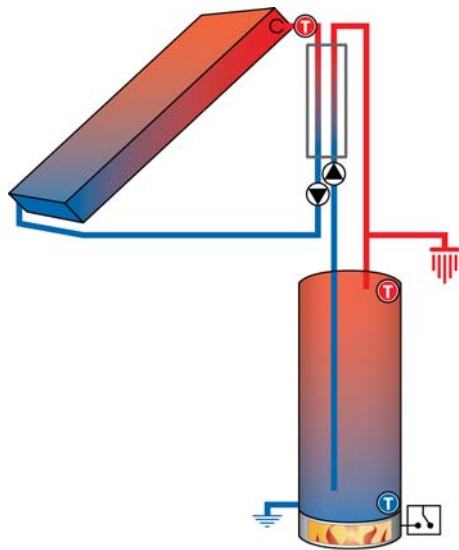


SOLAR WATER HEATING: COOL CLIMATE (CLOSED LOOP)

The Heliodyne Cool Climate Packaged System is designed to operate in all regions, especially where hard water or freezing is an issue. In this closed loop design, a special heat transfer fluid circulates through the collectors instead of water, allowing greater durability and trouble-free operation.

Features



- “Plug & Play” installation
- All components included (less piping & storage tank)
- Can often be mounted to existing hot water tank
- Superior heat-transfer characteristics
- Suitable for all homes and regions
- Fully protected from overheating and freezing



How It Works

When there is sufficient heat to be drawn from the collectors, the controller automatically activates the pumps. Heated solar fluid is then circulated from the collectors, through the heat exchanger, where its heat is transferred to water in the storage tank. The solar liquid is then pumped back to the collectors to once again be reheated. This circulation loop will continue as long as there is heat to be drawn from the collectors. During times when there is little or no sun, a backup heating system will be activated to provide adequate hot water.



STANDARD PACKAGE	People: 1 - 2	2 - 4
Collectors		 x2
Model Type	GOBI 406 001	GOBI 406 001
Surface Area	26.94 ft ²	53.88 ft ²
Helio-Pak	HPAK 016 000	HPAK 016 000
Recommended Tank Size*	80 gal.	80 gal.
Includes:		
Controller (Delta-T)	DLTA 000 000	DLTA 000 000
Expansion Tank	EXPT 002 000	EXPT 002 000
DOS Discs & Air Vent	✓	✓
Glycol**	3 gal.	3 gal.
List Price with Flush Mount Kit	\$2,894	\$4,103
Order Number	50180	50190
List Price with Rack Mount Kit	\$3,110	\$4,274
Order Number	50185	50195

PREMIUM PACKAGE UPGRADE		
Helio-Pak Pro - Includes:	HPAK 016 001	HPAK 016 001
Controller (Delta-T Pro)	DLTA 000 001	DLTA 000 001
Grundfos Flow Sensor	✓	✓
Wi-Fi Hub	✓	✓
List Price with Flush Mount Kit	\$3,297	\$4,506
Order Number	51180	51190
List Price with Rack Mount Kit	\$3,513	\$4,677
Order Number	51185	51195

*See Heliodyne Tank section on pg. 16. **Glycol amount provided based upon piping round-trip length of 100 ft. Additional glycol is needed if piping exceeds 100 ft. or pipe diameter is increased. All prices subject to change. Tax & shipping not included.



Packaged systems estimated to produce an average solar fraction up to 60%, provided the following installation guidelines are followed:

1. Collectors are mounted at the ideal angle of 35 degrees
2. Collectors are mounted due south +/- 15 degrees
3. The collectors are free of shading from nearby obstacles

For **MOUNTING HARDWARE** details, please go to page 13.

For **PREMIUM PACKAGE** details, please go to page 14.

Blue sputtered collectors come standard with cool climate systems. See pg. 12.

Need a system for more than 18 people? Call 510.237.9614

	People: 4 - 5	5 - 7	7 - 9	10 - 12	12 - 15	15 - 18
Collectors	x3	x4	x3	x4	x5	x6
Model Type	GOBI 406 001	GOBI 406 001	GOBI 410 001	GOBI 410 001	GOBI 410 001	GOBI 410 001
Surface Area	80.82 ft ²	107.76 ft ²	120.5 ft ²	160.6 ft ²	200.75 ft ²	240.9 ft ²
Helio-Pak	HPAK 016 000	HPAK 024 000	HPAK 024 000	HPAK 024 000	HPAK 032 000	HPAK 048 000
Recommended Tank Size*	120 gal.	120 gal. x2	120 gal. x2	120 gal. x2	120 gal. x3	120 gal. x3
Includes:						
Controller (Delta-T)	DLTA 000 000	DLTA 000 000	DLTA 000 000	DLTA 000 000	DLTA 000 000	DLTA 000 000
Expansion Tank	EXPT 002 000	EXPT 002 000	EXPT 002 000	EXPT 005 000	EXPT 005 000	EXPT 005 000
DOS Discs & Air Vent	✓	✓	✓	✓	✓	✓
Glycol**	4 gal.	4 gal.	4 gal.	5 gal.	6 gal.	8 gal.
List Price with Flush Mount Kit	\$5,263	\$6,580	\$6,514	\$8,171	\$9,943	\$11,633
Order Number	50200	50210	50220	50230	50240	50250
List Price with Rack Mount Kit	\$5,491	\$6,832	\$6,742	\$8,423	\$10,285	\$12,032
Order Number	50205	50215	50225	50235	50245	50255
Helio-Pak Pro - Includes:	HPAK 016 001	HPAK 024 001	HPAK 024 001	HPAK 024 001	HPAK 032 001	HPAK 048 001
Controller (Delta-T Pro)	DLTA 000 001	DLTA 000 001	DLTA 000 001	DLTA 000 001	DLTA 000 001	DLTA 000 001
Grundfos Flow Sensor	✓	✓	✓	✓	✓	✓
Wi-Fi Hub	✓	✓	✓	✓	✓	✓
List Price with Flush Mount Kit	\$5,666	\$6,975	\$6,909	\$8,566	\$10,338	\$12,028
Order Number	51200	51210	51220	51230	51240	51250
List Price with Rack Mount Kit	\$5,894	\$7,227	\$7,137	\$8,818	\$10,680	\$12,427
Order Number	51205	51215	51225	51235	51245	51255

*See Heliodyne Tank section on pg. 16. **Glycol amount provided based upon piping round-trip length of 100 ft. Additional glycol is needed if piping exceeds 100 ft. or pipe diameter is increased. All prices subject to change. Tax & shipping not included.