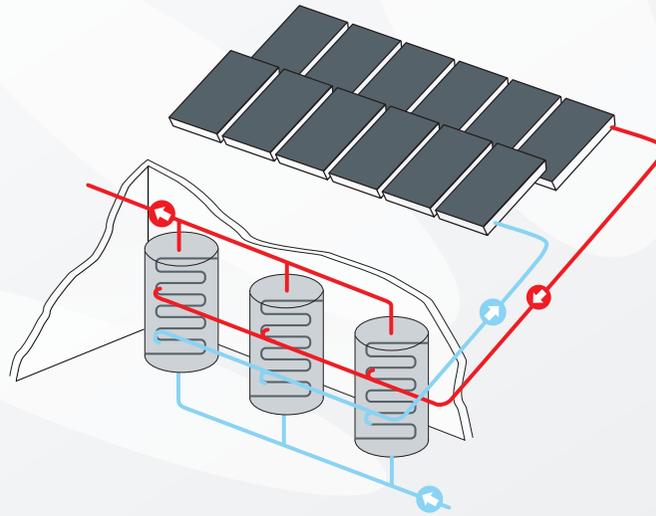


## Closed-Loop System

In a closed-loop system, heat transfer fluid circulates through the system tubes and doesn't mix with the potable water inside the water storage tank. Closed-loop systems are better-suited for colder climates, since the anti-freeze solution keeps the system from freezing. The system's life span is lengthened by preventing scale buildup inside the collector tubes.

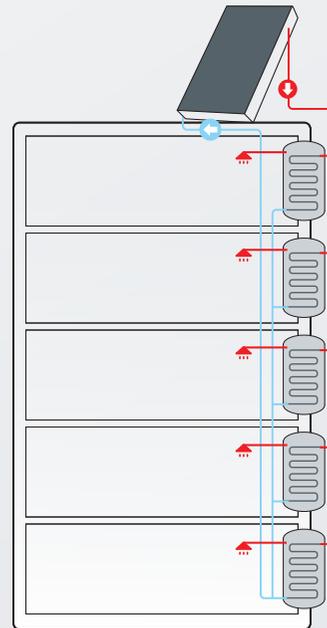
Closed-loop systems can be operated in either Forced Circulation or Thermosiphon systems.



## Central Installations

Chromagen's central installations for home and commercial use, provide heated water in very large quantities by using an array of collectors. The number and size vary according to the water heating requirements. These installations are the perfect solution for apartment buildings, hotels, hospitals and industrial plants. They are generally backed up by conventional energy sources. Central installations can be operated with large storage tanks of over 1000 liters or with small individual storage tanks for each consumption unit.

Chromagen has vast experience in the design and implementation of large solar installations. Installations of this type require site specific designs. Not only are these applications resourceful, they also contribute to a healthy environment by preventing air pollution and energy saving.



## FORCED CIRCULATION SYSTEMS

Forced circulation systems use electrical pumps, valves, and controllers to circulate water or other heat-transfer fluids through the collectors. This enables a high degree of flexibility in the positioning of the system components. For example, the tank can be installed in a basement. In addition, the system can operate with a series of collectors to supply heated water to several large tanks, making it suitable for hotels, swimming pools and other commercial applications.



## About Us

Chromagen, a pioneer in the production of solar water solutions since 1962, is the market-leader in Israel, which leads the world in per capita installations. Globally, the company has developed a solid install base, increasing supply and demand annually. Chromagen's systems, which are available in more than 35 countries worldwide, bring innovation, quality and cost savings to home owners, institutions and commercial projects. The commitment to deliver top-of-the-line water-heating solar solutions is in conjunction with the belief to promote environmental awareness.



**Best-in-class**  
clean hot water solutions



**Environmental health**



**Energy efficiency**



**Customer service**



**Product innovation**

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