

# Solar Hot Water and Space Heating



## HOW IT WORKS

A nontoxic glycol/water mixture is circulated (via pumps) through the solar collectors to be heated by the sun.

Once heated, a controller automatically senses this and pumps the fluid down through the heat exchanger where it will heat water to be stored in the water storage tank. The Helio-Pak will route the heated water (either for radiant floor heating or domestic water consumption) when the end user requests it. During times when there is little or no sun, a backup heating system will be activated to provide adequate hot water.

# SWH AND SPACE HEATING COMPONENTS

**heliodyne**  
SOLAR HOT WATER



EXCELLENCE  
BY DESIGN

# SWH AND SPACE HEATING DIAGRAM

