Solar Hot Water and Space Heating
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
SWH AND SPACE HEATING DIAGRAM