

# Solar Water Heating System

This system uses solar energy to heat water for residential or commercial use. A solar collector absorbs radiation and transfers the heat to a fluid, which circulates to a storage tank, heating the water inside.



## System Overview

### Sustainable Thermal Energy

This advanced solar water heating system utilizes high-efficiency collectors to capture solar radiation, converting it into reliable thermal energy for water heating needs. Designed for versatility, the system seamlessly supports both residential and commercial applications to provide a consistent hot water supply. By leveraging renewable solar energy, this solution offers a cost-effective and environmentally friendly alternative to traditional water heating methods.

### Suitable Applications

Residential, Commercial

## System Components

### Key Components

- Solar thermal collector
- Insulated storage tank
- Connecting circulation piping