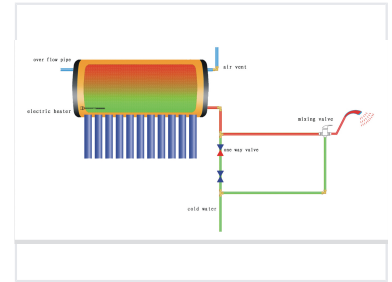


Non-Pressure Solar Water Heater System

This non-pressure solar water heater system efficiently heats water using solar energy. It includes a horizontal cylindrical tank for storing heated water and evacuated glass tubes for solar radiation absorption.



ADDITIONAL IMAGES



Product Overview

Efficient Solar Thermal Heating

This non-pressure solar water heater system utilizes advanced vacuum tube technology to trap solar radiation and convert it into heat. Through natural water circulation driven by temperature differences, the system efficiently heats and stores water in an insulated tank. Designed for durability, it features high-grade stainless steel construction and is suitable for both residential and small commercial hot water applications.

Technical Specifications

System Type

Non-Pressurized

Key Components

- Insulated storage tank
- Vacuum glass tubes
- Overflow pipe
- Air vent
- Electric heater (auxiliary)
- One-way valve
- Mixing valve

Tank Materials

SUS 304, SUS 316, Food Grade Stainless Steel

Operational Guidelines

Operational Maintenance

The tank must always be filled with water to prevent damage from dry, high-temperature working conditions.

Working Principle

Natural thermosiphon cycling driven by temperature differences between the vacuum tubes and the tank.