

Flat Plate Pressurized Solar Water Heater

This flat plate pressurized solar water heater is designed for residential and commercial hot water needs. It uses a flat plate collector to absorb solar radiation, heating a working fluid that transfers heat to a pressurized water tank.



ADDITIONAL IMAGES



Overview

High-Efficiency Pressurized Solar Heating

The SP-F Flat Plate Pressurized Solar Water Heater is an advanced thermal solution designed for consistent, pressurized hot water delivery in both residential and commercial settings. By utilizing durable copper flow channels and a high-grade SUS304-2B inner tank, this system minimizes maintenance requirements while maximizing longevity and corrosion resistance. The integrated polyurethane insulation ensures superior heat retention, making it a reliable and energy-efficient choice for modern water heating needs.

System Features

Core Advantages

- Pressurized operation for comfortable shower water pressure
- Totally copper flow channels for low defect rate
- Thermosiphon direct system for easy piping
- Intelligent control with automatic water filling
- Polyurethane foam insulation for temperature retention

Safety & Control

Electric back-up, Dry heating protection, Thermal cut-out, Automatic water filling

Technical Specifications

Tank Material	SUS304-2B Stainless Steel
Flow Channel Material	Copper
Insulation Material	Polyurethane
System Type	Thermosiphon Direct System