

Pressurized Thermosiphon Solar Water Heater

This solar water heater utilizes a pressurized thermosiphon open-loop design for efficient water heating. The system integrates a solar collector panel and a storage tank, leveraging natural convection to circulate water.



ADDITIONAL IMAGES



System Overview

High-Efficiency Solar Heating

This pressurized thermosiphon solar water heater provides a reliable and energy-efficient solution for residential and commercial hot water needs. By leveraging natural convection, the system circulates water between the solar collector and storage tank without the need for pumps. The unit features robust, corrosion-resistant components designed for long-term durability and ease of maintenance.

Technical Specifications

Design Type	Pressurized thermosiphon open-loop
Insulation Material	Polyurethane foam
Tank Inner Coating	Vitreous enamel
Flow Channel Material	Copper

Key Features

Core Advantages

- Operation under pressure for comfortable shower experience
- Simplified piping and easy installation
- High thermal efficiency
- Low maintenance requirements
- Corrosion-resistant inner tank design

Quality Standards

Certification Badge

5STAR Quality