

Split Solar Water Heating System with Heat Pipe

This high-efficiency split solar water heating system is suitable for residential and commercial applications. It features a solar collector panel with evacuated tubes for maximum solar energy absorption and a separate insulated water storage tank.



Overview

High-Efficiency Solar Heating

This split solar water heating system utilizes advanced heat pipe technology to maximize solar energy absorption for both residential and commercial applications. The design features a separate insulated water storage tank and a closed-loop heat transfer system, ensuring optimal thermal retention and minimal heat loss. Engineered for reliability, the system maintains efficient performance even in cold climates and includes automated controls for seamless operation.

System Components

Included Components

- Solar collector panel with evacuated tubes
- Insulated water storage tank
- Circulation pump
- Expansion vessel
- Automated controller

System Features

Application Suitability

Residential • Commercial • Retrofit Integration

Key Features

Heat Pipe Technology, Closed-Loop System, Cold Climate Compatible, Automated Temperature Regulation, Split System Design