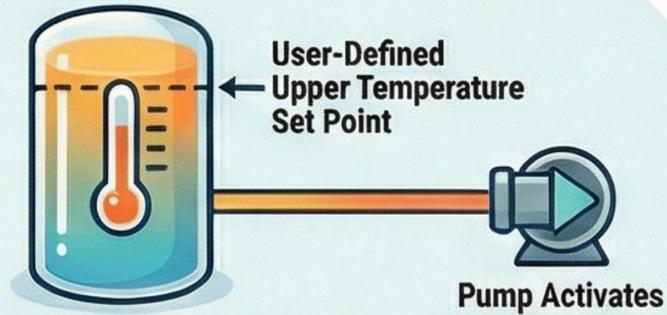


SolaStat-Plus-ET: Intelligent Hot Water Transfer

Explaining how the SolaStat-Plus-ET controller optimizes hot water distribution and efficiency through managed pump control utilizing two sensors for surplus heat transfer.

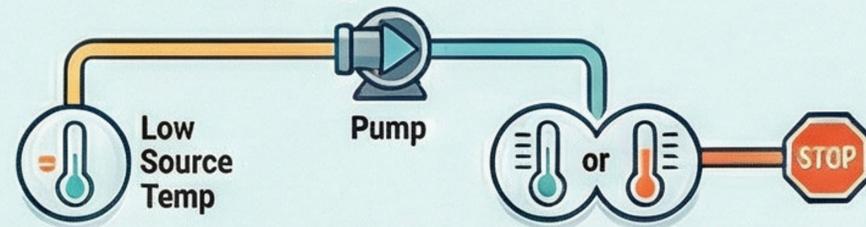
INTELLIGENT CONTROL LOGIC



Automatic Start Trigger

The pump activates once the source tank reaches a user-defined upper temperature set point.

Dual-Condition Stop Protection

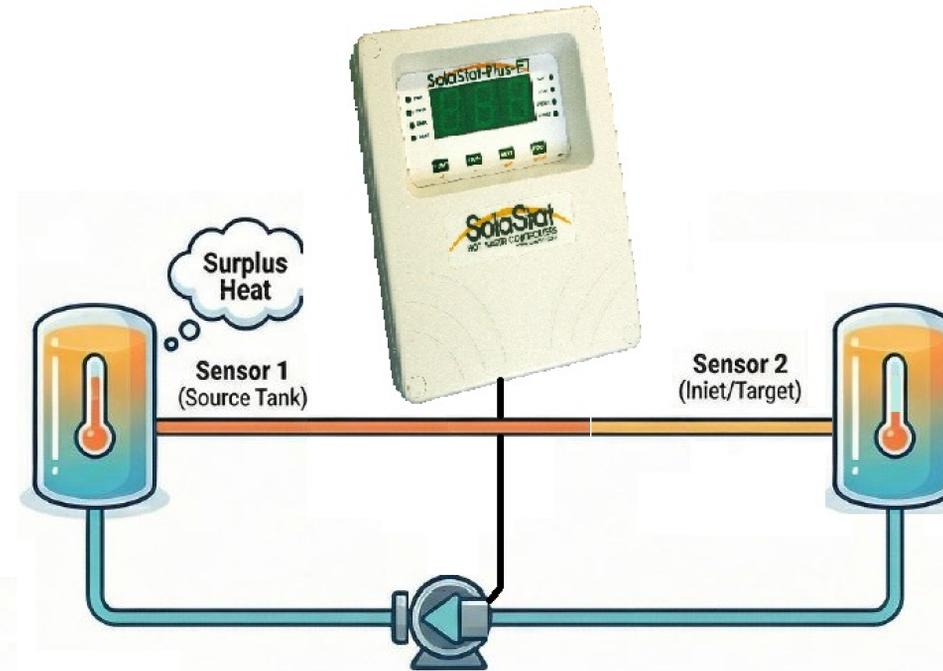


The pump stops if source water drops too low.

or if tanks reach equal temperatures.

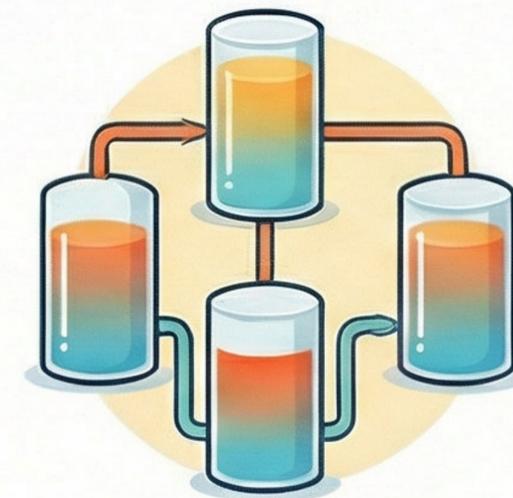
Stop Conditions and Benefits

Condition	Action	Benefit
Lower Temp Set Point	Pump Stops	Ensures the source tank retains enough usable hot water for immediate needs.
Temperature Equalization	Pump Stops	Prevents unnecessary pump operation when the target and source tanks are balanced.



Managed Two-Sensor Monitoring

Continuous monitoring via Tank and Inlet sensors prevents the source from running out of usable water.

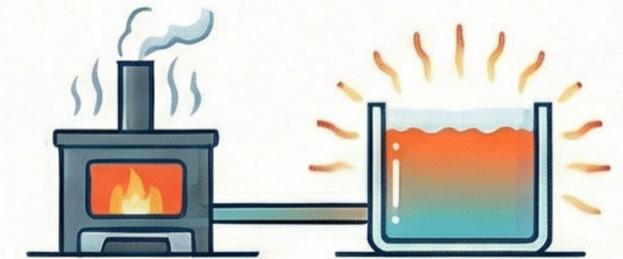


CORE APPLICATIONS



Cascading & Priority Storage

Heats small tanks first for rapid access before transferring surplus to larger secondary storage.



Safety Heat Dumping

Prevents tank boiling by draining excess heat from uncontrolled sources like wood fired wetbacks.



Distance Transfer for Large Buildings

Efficiently moves cost effective hot water to distant tanks in large residential or commercial layouts.