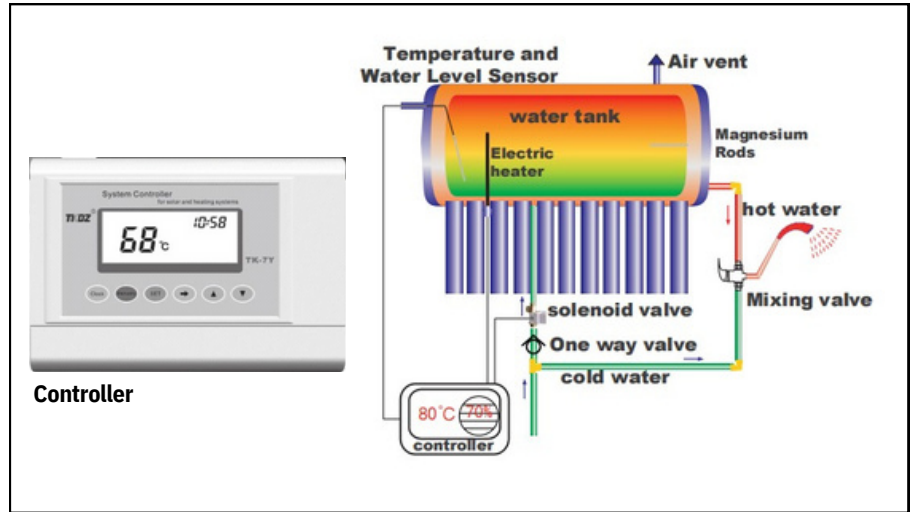


## SCT Flatplate Solar Water Heaters



### Typical Applications

- Provides hot water for domestic use, such as bathing and washing.
- Supplies hot water for hotels, lodges, and other commercial establishments.
- Ideal for heating water in hospitals and healthcare facilities.
- Used for hot water supply in industrial processes requiring heat.
- Powers underfloor heating systems in residential and commercial buildings.
- Suitable for heating swimming pool water efficiently using solar energy.
- Reduces energy consumption in homes and businesses by utilizing renewable energy.
- Used in large residential complexes to provide hot water to multiple units.

### Operating Conditions

- **Optional Intelligent controller**
- **Accessories:** Electrical heater, Safety valve, check valve, anode magnesium, copper connectors 8. Angle of bracket: 27°
- **Working pressure:** 6.0 bar
- **Hot water Output:** 45-90°C

### Note

Electrical heater can be integrated into solar system as backup, and it can be controlled by temperature, when the controller checks the tank temperature T1 is 3°C below the preset temperature, electrical heater will be triggered. When tank temperature T1 reaches to the preset temperature, electrical heater is ceased.

Condition for triggering heating: tank temperature is 3°C below the preset temperature

### Technical Data

Model	Panel Sizes (mm)			Panel Nos. (pcs)	Water Tank	Aperture Area
	L	W	H		Capacity/L	m <sup>2</sup>
SCT 150	2000	1060	80	1	150	2
SCT 200	2000	1310	80	1	200	2.5
SCT 300	2000	1060	80	2	300	4

