

# TECHNICAL SPECIFICATIONS

- 8 Sensor ports (5 Temperature, 2 Flow and 1 Pressure)
- Relay power (1 hp motor, 125 VAC @ N.O. contact)
- Real-time clock
- Software included

## DELTA-T PRO CONTROLLERS

Digital Flow sensor port detects the rate of flow as well as the temperature of the solar fluid exiting the heat exchanger

4 inputs for 24 VAC thermostat zone detection (e.g., space heating thermostat)

Digital Pressure sensor port detects the rate of pressure as well as the temperature of the solar fluid entering the heat exchanger

2x 4-20 mA output controlled current for optional pump speed control

Input for optional pulse flow meter (check compatibility with Heliodyne)

5 sensor inputs are available for precise temperature readings

T1 Collector Out  
T2 Storage Low  
T3 Storage High  
T4 Energy Out  
T5 Outdoor (Ambient)



Relay 1 operates the solar loop pumps

Relay 2 is used as a temperature operated relay (e.g., use with combination systems, etc.)

Relay 3 is generally used for either extraneous heat use to operate the electrical ignition in a gas water heater, or as a timer to prioritize solar water heating over auxiliary heating

NOTE: If non-Heliodyne sensors are used, check with Heliodyne for controller compatibility