



SOLAR CONTROLLER

RSC-SC Features and Operation

FEATURES:

- Sample and Hold Temperature display
- Pool, set point and roof temperature display
- Winter mode
- Manual mode
- Programmable “Heating Only” or “Heating and Cooling” mode
- Temperature sensor error indication
- Temperature Calibration

Normally the pool sensor is not mounted in the pool but in the pipe coming from the pool. In this situation, the pool temperature is only accurate when the pump is running. To overcome this problem this Controller incorporates a sample and hold system that will run the pump for approx. five minutes ever two hours to check the current pool temperature.

OPERATION:

For normal operation: the controller should in **AUTO** mode (indicated by green light).

To change desired pool temperature: press the **SELECT** button once. The set (yellow) light should be on and the display will indicate the set point. The **UP/DOWN** buttons may now be pressed to change the set point. The display will revert to the pool temperature 8 seconds after the last button was pressed.

To display roof temperature: press the **SELECT** button twice. The roof (red) light should be on and the display will indicate the roof temperature. The display will revert to the pool temperature 8 seconds after the last button was pressed.

Manual Mode: To run the pump manually or check the current temperature press the **MODE** button until the yellow light indicates manual mode and pump turns on (In this mode the temperature is updated instantly).
To return to AUTO press mode button twice.

Winter mode: press the **MODE** button twice if in **AUTO** or once in **MANUAL** (indicated by red light). In this mode, the pump will turn on for approx. 10 minutes every day at the time the winter mode was activated. If there is a power failure, this will reset the 24-hour timer so the pump will come on the next day at the time the power is restored.

i.e. Winter mode ON 12.00 noon

Pump ON	12.05 pm
Pump OFF	12.15 pm

Winter mode will restart at 12.05 PM the following day (24 hour cycle)