

# SunTouch™ Solar

## Automation System

By Pentair Water Pool and Spa®



## Get even more efficiency from your solar heating system

Make the most of the sun's energy with the SunTouch™ Solar Automation System. Simply set SunTouch Solar's digitally-controlled thermostat at a comfortable temperature. The system will monitor the temperature of your solar collectors and your pool. Whenever the sun offers sufficient energy for effective heating, SunTouch Solar controls a motorized valve, sending filtered water to the solar collectors. Should clouds or wind reduce ambient temperatures, the system shuts the valve to prevent cool water from entering the pool. You'll never have to worry again about turning your solar system on or off.

- One-touch function control – no complicated menus or command sequences.
- Temperature control can be set in one degree increments.

- Motorized valve actuator is rugged and weather-proof.
- Unique Solar Valve with Teflon® seal for years of maintenance-free operation.

### Additional options include:

- Pool cleaner pump protection – Prevents damage to your pool cleaner pump that can result from air in the solar collectors at start-up. (Requires additional relay kit.)
- Solar booster pump – An economical solution for systems that require extra flow to achieve top performance. (Activated only when solar energy is available.)
- Freeze protection capability with the purchase of an additional temperature sensor.

# SunTouch™ Solar Automation System



The standard SunTouch™ Solar System includes:

- Power center with push-button digital control panel and backlit LCD readout
- One solar valve
- One motorized valve actuator
- Water and solar temperature sensors
- Built-in self diagnostics
- Support for IntelliFlo® 4x160, IntelliChlor™, and QuickTouch® wireless remote

## Enjoy a more comfortable and carefree pool

SunTouch™ Solar provides set it and forget it convenience by knowing exactly when to turn your system on and off.

SunTouch Solar standard system components include:

- Power Center/Control Panel—Digital controls allow you to set your desired pool temperature and solar temperature differentials at the touch of a button, and automatically send water to the solar collectors when conditions are just right.
- Solar valve—This unique valve automatically drains the solar collectors when the pump shuts off. Features a durable Teflon® seal that provides years of maintenance-free operation.
- Motorized valve actuator—Built to last with sturdy steel gears, a highly efficient low-voltage motor, service switch for flow direction, and a weatherproof composite enclosure.
- Water and solar temperature sensors that constantly monitor the temperature of your solar collectors and pool for more precise heating.

## Expand your system and take your enjoyment to another level

With the addition of two valve actuators, your SunTouch Solar package can be upgraded to control your pool and spa heating and filtration schedules, and additional features, such as pool lights, automatic cleaners, or waterfalls. **Receive even greater benefits when you integrate your system with these innovative new products from Pentair Water Pool and Spa®:**

The **IntelliFlo® 4x160** Variable Speed Pump — Reduce your utility costs by hundreds per year with this breakthrough in energy-efficiency and whisper-quiet operation. See the IntelliFlo 4x160 Cost Calculator at [www.pentairpool.com](http://www.pentairpool.com).

The **IntelliChlor™ Chlorine Generator** converts ordinary table salt into pure chlorine, keeping your water clear and safe. No more handling and storing chlorine, and no more odor, stinging eyes, irritated skin, or bleached-out swimsuits!

Control it all with the **QuickTouch® Wireless Remote!** At the touch of a button you can control up to four functions, including pool/spa filtration and heating, lights, waterfalls, spa jets...all from up to 150 feet from your pool equipment area.



**Available from:**



Pentair Pool Products® Sta-Rite®  
800.831.7133 800.831-7133  
[www.pentairpool.com](http://www.pentairpool.com) [www.staritepool.com](http://www.staritepool.com)



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