

# SOLARTOUCH®

## SOLAR CONTROL SYSTEM

The smart, easy, efficient way to go solar.



**PENTAIR.COM**



## THE RELIABILITY OF FULL DIGITAL CONTROL AT YOUR FINGERTIPS.

Solar pool heating is a smart investment. Make the most of it with the smartest, most efficient solar controller you can buy: the SolarTouch® controller from Pentair.

The SolarTouch controller gives you the precision and reliability of full digital control. Just set the digital thermostat and the SolarTouch controller will monitor the temperature of the pool water and solar collectors. Whenever the sun offers sufficient energy for effective heating, the SolarTouch controller opens a motorized valve and sends filtered water to your collectors. If temperatures drop, the system shuts the valve to keep cold water out of your pool.

### THE SOLARTOUCH SOLAR CONTROL SYSTEM GIVES YOU ALL THIS:

- 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 diagnostics
- Nocturnal cooling
- Freeze protection
- Integration with IntelliFlo® and IntelliPro® VSF Variable Speed and Flow Pumps, for maximum efficiency and energy savings



# MAKE THE MOST OF THE SOLARTOUCH CONTROLLER.



## PUMP UP THE SAVINGS EVEN MORE WITH VARIABLE SPEED PUMP TECHNOLOGY

If you like the energy and money savings of a solar collector, you'll be amazed at the IntelliFlo and IntelliPro pumps. An IntelliFlo VSF or IntelliPro VSF pump lets you access all the energy-saving power that the SolarTouch controller has to offer. Pentair's exclusive variable speed and flow technology lets you select the precise manufacturer-recommended flow rate to achieve maximum solar collector efficiency while minimizing pumping costs.

These pumps have saved more money for pool owners than all other variable speed pumps combined. You can experience energy savings up to 90% when compared to conventional single- or two-speed pumps.



## A ONE-TWO PUNCH OF SAVINGS

With the SolarTouch controller and an IntelliFlo or IntelliPro pump, you enjoy both the efficiency of solar heating and the savings of an energy-smart pump. How much can you save?

See the Pool Pump Energy Savings Calculator at [www.pentairpool.com/pumpcalc](http://www.pentairpool.com/pumpcalc).



### Smart technology for remarkable energy efficiency

Experience energy savings up to 90%. IntelliFlo pumps are installed in more pools worldwide and have saved more money than any other variable speed pump family.



### Set it and forget it

IntelliFlo VSF pump maintains its set flow rate by responding to changing conditions. It's like cruise control for your pump.



### The quietest pump on the planet

When operating at low speed, it's so quiet you might not even know it's operating.



### Automation compatible

Pairs seamlessly with the SolarTouch Solar Control System. Control your pool functions from across the yard or around the globe.



\*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors.

# SOLARTOUCH®

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### Smarter design delivers smarter results

The SolarTouch Solar Control System offers you digital precision no other pool solar controller can match—so you enjoy unparalleled efficiency and unbeatable ease of use.

### ADDITIONAL FEATURES

#### Digital temperature control

Assures the most precise, efficient heating possible. Temperature control can be set in one degree increments.

#### Digital calibration

Digital calibration of water and solar temperature sensors allow more precise monitoring.

#### LED indicator lights

Confirm that the SolarTouch controller is working. Service indicator LED light indicates when attention is needed.

#### LCD display

Gives sharp, clear readings of water and solar collector temperatures.

#### Power center/control panel

Lets you set your pool temperature and solar temperature differentials with the touch of a button.

#### Solar valve

Automatically drains the solar collectors when the pump shuts off, preventing stagnant water or unsafe heating conditions. Durable Polytetrafluoroethylene (PTFE) seal and rugged motorized actuator deliver 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.

#### Pool cleaner pump protection

Prevents damage to your pool cleaner pump that can result from air in the solar collectors at start-up.

#### Freeze protection

Automatic nocturnal cooling and recirculation freeze protection, with filter-pump timer override.

#### Solar booster pump control

For systems that require extra flow. Activated only when solar energy is available (booster pump not included).

#### 3-year limited warranty

Backed by the industry leader. See [www.pentair.com/warranty](http://www.pentair.com/warranty) for details.



The SolarTouch Solar Control System has earned the Eco Select® brand distinction as one of the greenest and most efficient choices from Pentair.

### TRADEGRADE

The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.



ENERGY STAR® Certified IntelliFlo® and IntelliPro® VSF pumps from Pentair meet strict energy-efficiency criteria set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. These pumps save money, reduce energy use and protect the environment.

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