

SunTouch®

Solar

Systems and Parts Catalog





Enlist the “green team” for customer convenience and energy savings

The **SunTouch® Solar automation system** is a perfect fit for customers looking to make the most of the sun's energy with the convenience of an easy, affordable control system. SunTouch Solar offers push-button digital technology plus added function capacity—the reliable and simple automation system for typical pool and spa combinations.

What's more, SunTouch Solar can optimize energy use and equipment performance by automating and synchronizing equipment scheduling. Pool owners can take advantage of off-peak and seasonal utility rates without having to rely on their memories or limited time clocks to operate or turn off equipment. And, equipment schedules are easily altered to account for changes in pool usage, weather, and other factors that impact overall equipment performance.

And while you're having the “green” talk, make sure to mention energy-efficient **IntelliFlo® vs-3050** and **IntelliPro® vs-3050 variable speed pumps**. These revolutionary pumps feature permanent magnet motor technology (used in hybrid cars) that dramatically cuts energy costs up to 90%. Pool owners also enjoy nearly silent operation and longer, trouble-free service life.

*Enhance your “green team” today with these top performers,
natural fits for your eco-hungry customers.*



As Eco Select™ branded products, SunTouch Solar, IntelliFlo vs-3050 and IntelliPro vs-3050 are among the greenest and most efficient equipment choices.


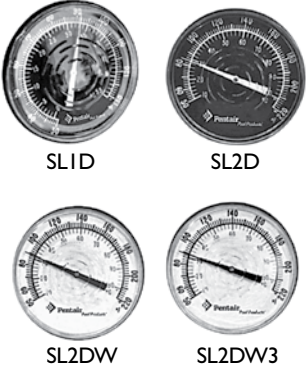


Your single source for solar controls, parts and accessories...

Get the most out of the sun's energy for pools and spas with quality solar control systems, parts and accessories. Choose from the following array of actuators, valves, relays, thermometers, temperature sensors and more—to add greater economy, comfort and convenience to your customers' personal retreats.

	Part Number	Description
Solar Controls		
 <p>520856</p>	520819	SunTouch® Solar Control System—includes 1 actuator, 1 solar valve, and 2 temp sensors (20' water, 40" solar)
	520820	SunTouch® Control System (Pool/Spa)—includes 2 actuators, 2 temp sensors (20' water, 40" air) and 3 relays
	520856	SunTouch® Solar Control System with 3-Way Valve—includes 1 actuator, 3-way valve, and 2 temp sensors (20' water, 40" solar)
	520857	SunTouch® Booster Pump Version—includes 1 relay and 2 temp sensors (20' water, 40" solar)
	520859	SunTouch® Single Body Control System—includes 2 temp sensors (20' water, 40" air) and 3 relays
Communication System for IntelliFlo/IntelliPro Pumps and Non-Pentair Control Systems		
 <p>521109</p>	521109	IntelliComm™ II Communication System
Actuators		
 <p>263045</p>	263043	CVA24L—2-port, 90 degree Compool®/Ortega®/Jandy® Valve
	263045	CVA24T—3-port, 180 degree Compool®/Ortega®/Jandy® Valve
Valves		
 <p>263026</p> <p>263042</p>	263026	3-Way CPVC 2 in. (2½ in. slip outside)
	263027	2-Way CPVC 2 in. (2½ in. slip outside)
	263028*	3-Way PVC 2 in. (2½ in. slip outside)
	263029*	2-Way PVC 2 in. (2½ in. slip outside)
	263035	3-Way CPVC 1½ in. (2 in. slip outside)
	263036	2-Way CPVC 1½ in. (2 in. slip outside)
	263037*	3-Way PVC 1½ in. (2 in. slip outside)
	263038*	2-Way PVC 1½ in. (2 in. slip outside)
	263042	Check Valve CPVC 2 in. (straight)
	263047	3-Way Solar Valve with Drain-Down, CPVC 2 in. (2½ in. slip outside)
RI72288	Corrosion Resistant Check Valve 1½ in. or 2 in. slip, 2 lb. spring	

Jandy® is a registered trademark of Jandy Industries, Inc.

*PVC valves are not recommended for extreme temperature applications.

	Part Number	Description
Relays		
	RLYLX	Additional Power Relay (for auxiliary equipment)
	RLYLXD	Relay Kit for 2-Speed Pump
	RLYSC	Relay Kit for LX220 & LX820, 20 AMP
	RLYSC3HP	25 AMP, 3HP Power Relay for LX220 & LX820 Systems
	520106	3HP Relay for IntelliTouch®/SunTouch® Automation System
	520198	Two-Speed 3HP Relay for IntelliTouch®/SunTouch® Automation System
Thermometers		
	SL1DW	Thermometer, 30/130°F with nylon well
	SL2D	Thermometer, 50/220°F with ½ in. NPT (threaded)
	SL2DW	Thermometer, 50/220°F with ½ in. brass well
	SL2DW3	Thermometer, 50/220°F with ¾ in. brass well
	SWN	Nylon Well
	SWB	½ in. Brass Well
	SWBI	¾ in. Brass Well
	R141036	Tube Thermometer, ABS case, 3 ft. cord, bubble pack (carton qty. 24)
	R141076	Chrome Brass Thermometer, blown glass tube secured in brass tubing, 3 ft. cord, bubble pack (carton qty. 24)
	R141106	Floating Thermometer, ABS tube, 3 ft. cord & flotation cap with color label, bubble pack (carton qty. 24)
Flowmeters		
	LDF356B	Flowmeter, ½ – 5 GPM, ½ in., brass sweat end
	LDF360B	Flowmeter, ½ – 5 GPM, ¾ in., brass sweat end
	LDF360N	Flowmeter, ½ – 5 GPM, ¾ in., nylon threaded end
	LDF360T	Flowmeter, ½ – 5 GPM, 1 in., brass threaded end
	LDF357B	Flowmeter, 1 – 10 GPM, ¾ in., brass sweat end
	LDF357N	Flowmeter, 1 – 10 GPM, ¾ in., nylon threaded end
	LDF357T	Flowmeter, 1 – 10 GPM, 1 in., brass threaded end
	LDF359B	Flowmeter, 2 – 16 GPM, ¾ in., brass sweat end
	LDF359N	Flowmeter, 2 – 16 GPM ¾ in., nylon threaded end
	LDF359T	Flowmeter, 2 – 16 GPM, 1 in., brass threaded end
	LDF450B	Flowmeter, 2 – 40 GPM, 1 in., brass sweat end
	LDF450T	Flowmeter, 2 – 40 GPM, 1 in., brass threaded end
	LDF460T	Flowmeter, 2 – 40 GPM, 1½ in., brass threaded end
	LDF461T	Flowmeter, 8 – 75 GPM, 1½ in., brass threaded end
	LDF452T	Flowmeter, 15 – 100 GPM, 1 in., brass threaded end
LDF462T	Flowmeter, 15 – 100 GPM, 1½ in., brass threaded end	
Temp Sensors		
	520272	Temp Sensor for IntelliTouch®/EasyTouch®/SunTouch® Control Systems
	TS5L	Temp Sensor for LX80 Control System—CP3000 family of products, red and green wire
	9321004	Clamp for Water Temperature Sensor
	9142109	O-ring, 5/16 in. for water temperature sensor

SunTouch® Solar Systems and Parts Catalog

Part Number	Description
SunTouch Solar Replacement Parts	
520842	Door for SunTouch® Solar
520841Z	Transformer Kit for SunTouch® Solar Control System
520942Z	4 AMP Circuit Breaker Kit for SunTouch® Control System
520645Z	Circuit Board Assembly Kit for SunTouch® Pool/Spa Control System
520940Z	Circuit Board Assembly Kit for SunTouch® Solar Control System
520941Z	Circuit Board Assembly Kit for Single Body SunTouch® Control System
BAT3	Battery 3V Lithium IntelliTouch®/EasyTouch®/SunTouch® Control Systems
ESO3	Emergency Shut-off Switch with Audible Alarm for SunTouch® Control Systems
MODESO	PC Board for Emergency Shut-off
LX220 Replacement Parts	
XFM20	Transformer Assembly for LX220 Control System
PCLX220	PCB LX220 Circuit Board for LX220
LXLATCH	Latch LX Enclosure
Actuator Parts	
270078	Circuit Board
270077	Gear Set
4231033	Motor
CVASCR	Mounting Screws
520010	Micro Switch
PIG3	Harness
Valve Parts	
270032	Handle Knob 2- and 3-Way Valve
270021	Pin Stop 2- and 3-Way Valve
270028	Handle 2- and 3-Way Valve
520389	Screw Kit (8 Screws)
270030	Cover CPVC 2- and 3-Way Valve
51016200	O-ring #2-152 Buna 70 Shore
270038	Spacer Split Ring
192039	O-ring #2-116 Buna 70 Shore
270056	Diverter Assembly 2- and 3-Way Valve (2 – 2½ in.)*
270075	Diverter Assembly 2- and 3-Way Valve (1½ – 2 in.)*
270094	Diverter Assembly 3-Way Solar Valve with drain down (2 – 2½ in.)
263042Z	Check Valve Replacement Kit

Part Number	Description
Flowmeter Parts	
FS1	Flowmeter Body (1 – 10 GPM)
FS2	Flowmeter Body (2 – 16 GPM)
FS3	Flowmeter Body (0.5 – 5 GPM)
FL2	Flowmeter Body (2 – 40 GPM)
FLGW	Guide Wire, large
FSKN	Knurled Nut, small
FLKN	Knurled Nut, large
FSO	O-ring, small
FLO	O-ring, large
FSSE	¾ in. Sweat End, small
FSNE	Nylon End, small
FSTE	Threaded End 1 in., small
FLTE1	Threaded End 1 in., large
FLTE2	Threaded End 1½ in., large
FLTG	Top Guide Support, large
F3	Float (2 – 16 GPM)
F7	Float (15 – 100 GPM)
FB	Nylon Cleaning Brush
Misc. Parts	
AI101	Suppressor Surge 115V
AI201	Suppressor Surge 230V
520008	Splice
520148	QuickTouch® RF Kit
521109	IntelliComm™ II Communication System
8023302	Terminal 2 Plug
8023304	Terminal 4 Plug
8023306	Terminal 6 Plug
RYALX	Adapter Circuit for 2 Relays
R172036	Lubricant Silicone ¾ oz.
R172351	Lubricant Silicone ¾ oz. 30 PK Display Box
2COND	Cable 2 Conduct 22 AWG 1000 ft.
PI-056	SunTouch® Solar Systems and Parts Catalog
PI-014	SunTouch® Solar Product Sheet

*Includes: P/N 270038 (Spacer Split Ring) and P/N 192039 (O-ring).

Save time, miles and fuel while enhancing your service capabilities:

Remote Control and Monitoring Software for the Service Pro

Exclusive from Pentair! Now, working through the Internet, you can remotely monitor system and equipment conditions and diagnose problems. Log-in using the advanced ScreenLogic® interface to make system changes if needed. This option is ideal for any service professional, particularly those with large customer territories. Handle questions or a concern without a site visit and save time and fuel while providing top-notch customer service.

Starter Kit (P/N 520838)—Starter Kit includes CD-ROM, protocol adapter and a custom configured wireless router to remotely monitor and control one pool.

Expansion Kit (P/N 520853)—Add additional pools with the Expansion Kit.

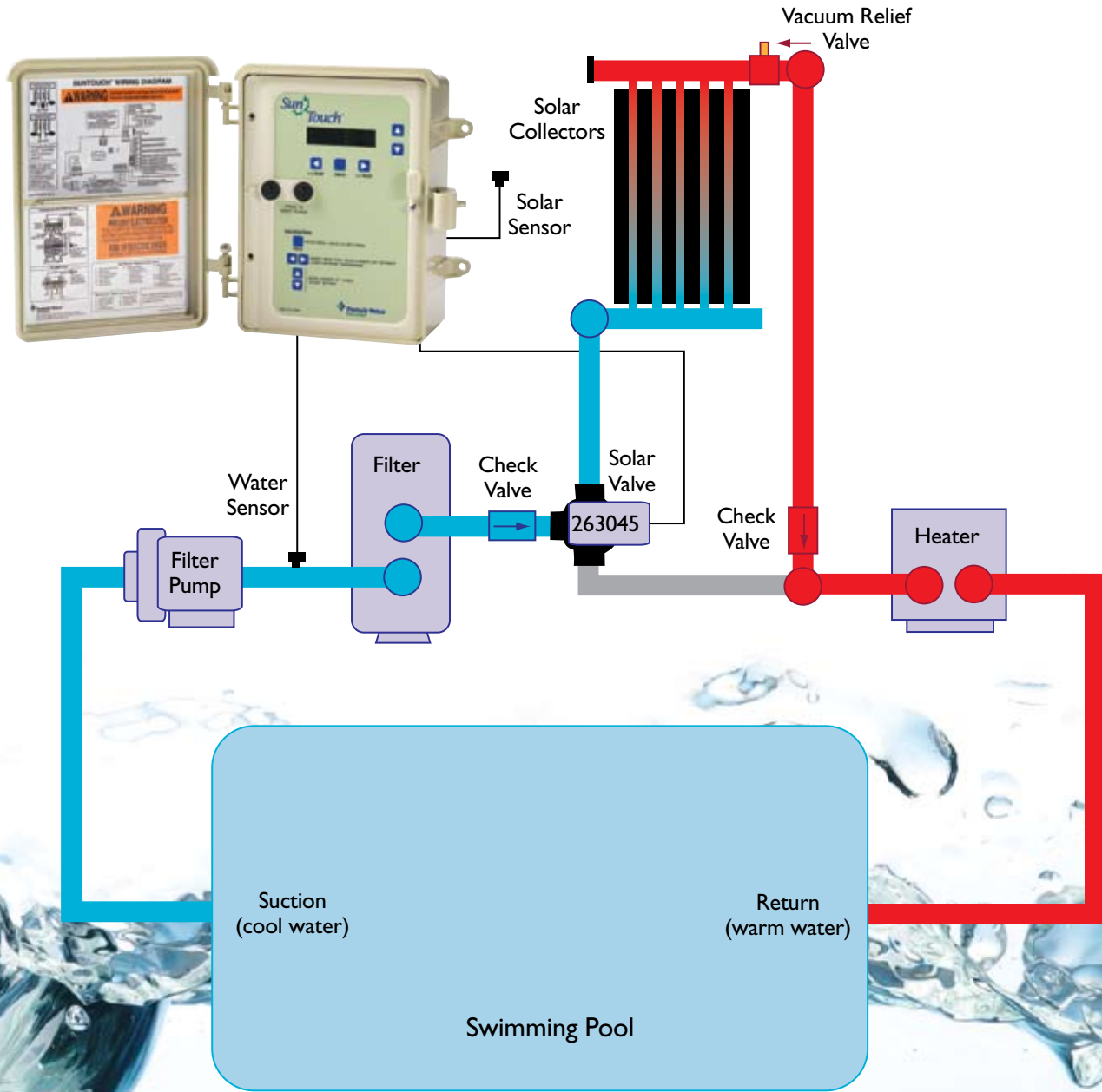
NEW! Now works with SunTouch®, EasyTouch® and IntelliTouch® controllers. EasyTouch and IntelliTouch support remote monitoring and control, while SunTouch only supports remote monitoring.

Customer Name	Model	Version	Air Temp	Pool Pump	Pool Set Point	Pool Actual Temp	Pool Heat Mode	Spa Pump	Spa Set Point	Spa Actual Temp	Spa Heat Mode	Spa Side Remote	Spa Level	Pool Chlorine Output	Spa Chlorine Output	Lights On / Total	Alarms	IntelliTo Present	Status
David MacCallum's Pool	System (9+35 / IntelliChlor IC40)	1.050	78 F	On	80 F	88 F	Heater Off	On	95 F	88 F	Off	Disabled	3500	2%	2%	0 / 1	None	No	Connected OK
John Smith's Pool	System (10+3D)	1.090	65 F	On	87 F	87 F	Heater On	On	95 F	95 F	Heater	Enabled	-	-	-	0 / 2	None	No	Connected OK
Rudy Murphy's Pool	UNKNOWN	UNKNOWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Not Currently Connected
Bill Dunn's Pool	System (10+3D)	1.070	86 F	On	84 F	87 F	Heater On	On	95 F	85 F	Off	Disabled	-	-	-	0 / 3	None	No	Connected OK
Bridget Lyon's Pool	System (10+3D)	1.060	-	On	80 F	80 F	Heater On	On	100 F	99 F	Heater	Enabled	0	50%	50%	-	1	No	Connected OK
Carlos Lukyn's Pool	System (7+3 / IntelliChlor IC20)	1.070	75 F	On	81 F	74 F	Off	Off	100 F	74 F	Off	Enabled	2750	60%	60%	0 / 3	1	No	Connected OK
Amy Armstrong's Pool	System (9+3 / IntelliChlor IC40)	1.090	95 F	On	85 F	78 F	Off	Off	101 F	78 F	Heater	Enabled	2400	80%	80%	0 / 3	1	No	Connected OK
Sheldon Neizer's Pool	System (9+3)	1.070	70 F	On	80 F	89 F	Off	Off	82 F	69 F	Off	Enabled	-	-	-	-	None	No	Connected OK
Sally Hall's Pool	System (9+3 / IntelliChlor IC20)	1.090	74 F	On	78 F	68 F	Heater Off	On	101 F	68 F	Heater	Enabled	2400	50%	50%	1 / 2	1	No	Connected OK
Dave Munya's Pool	System (9+3 / IntelliChlor IC40)	1.070	101 F	Off	80 F	84 F	Off	On	84 F	84 F	Off	Disabled	2750	90%	90%	-	1	No	Connected OK (Service Mode)
Joe Washington's Pool	System (9+3)	1.060	67 F	On	-	68 F	Off	Off	-	68 F	Off	Disabled	-	-	-	0 / 3	None	No	Connected OK
Darryl Cump's Pool	System (9+3 / IntelliChlor IC20)	1.090	81 F	On	86 F	79 F	Off	Off	100 F	79 F	Off	Disabled	3500	20%	0%	0 / 8	1	Yes	Connected OK

Computer screen photo shows complete system status for every customer with an IntelliTouch, EasyTouch or SunTouch system. Conditions requiring attention are quickly identified and often corrected from the comfort of your office. Just point and click to turn equipment on and off, or change programs and schedules. Proactively dispatch your service personnel to the site if necessary.

SunTouch® Solar Control System

The SunTouch® Solar control panel lets you set your desired temperature, then automatically sends water to the solar collectors when conditions are just right.





The marketplace is GOING GREEN. With Eco Select™ products, so can your business.

Whether it's about saving the planet or hard-earned cash, consumers are increasingly looking for ways to lighten their environmental footprint. Our recently introduced Eco Select™ brand of products highlights our "greenest" products—those that conserve energy, reduce chemical usage, eliminate noise or contribute to a more environmentally responsible equipment system. Even if your customers aren't thinking green, they are certainly looking for energy savings, less maintenance and quieter operation—all key benefits of Eco Select products.

To learn more about Eco Select products and the sales tools we've developed to support your sales, go to www.pentairpool.com/poolprofessionals and click on GOING GREEN in the right menu.



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