SV SERIES
SPA CONTROLS

SPECIFICATIONS	SV2	SV3	SV2-VH	SV3-VH	SV4-VH
POWER					
Input Voltage (1 Phase)	230-240V AC	230-240V AC	230-240V AC	230-240V AC	230-240V AC
Input Voltage (3 Phase)	-	-	400-415V AC	400-415V AC	400-415V AC
Hertz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Maximum Total Current	15A	45A	20A	45A	60A
Maximum Current Per Phase	-	-	16A	25A	25A
HEATER					
Element Size	2kW	3kW	3kW Variable	6kW Variable	6kW Variable
Water Sensor	Optical	Optical	Optical	Optical	Optical
In-heater Temperature Sensor	Yes	Yes	Yes	Yes	Yes
In-pool Temperature Sensor	Optional	Optional	Optional	Optional	Optional
Maximum Controlled Temperature	41°C	41°C	41°C	41°C	41°C
CONTROLLER					
Dimensions (with couplings)	544x309x90mm	544x309x90mm	544x309x90mm	544x309x90mm	544x309x90mm
Weight (without mains lead)	5kg	5kg	5kg	5kg	5kg
Enclosure Rating	IPx5	IPx5	IPx5	IPx5	IPx5
Operating Temperature	0°C - 45°C	0°C - 45°C	0°C - 45°C	0°C - 45°C	0°C - 45°C
Storage Temperature	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C
LOW VOLTAGE CONNECTIONS					
Touch Pad Support	1 keypad	2 keypads	1 keypad	2 keypads	2 keypads
In Pool Temperature Sensor Port	Yes	Yes	Yes	Yes	Yes
Digital Expansion Port	Yes	Yes	Yes	Yes	Yes
Analogue Expansion Port	Yes	Yes	Yes	Yes	Yes
Light Sockets	1	2	1	2	2
OUTPUT SOCKETS					
Circulation Pump	Adj (1-24hrs)	Adj (1-24hrs)	Adj (1-24hrs)	Adj (1-24hrs)	Adj (1-24hrs)
Sanitiser (ozone/uv)	Yes	Yes	Yes	Yes	Yes
Air Blower	Vari Spd / Ramp	Vari Spd / Ramp	Vari Spd / Ramp	Vari Spd / Ramp	Vari Spd / Ramp
Pump 1	1 spd / 2 spd	1 spd / 2 spd	1 spd / 2 spd	1 spd / 2 spd	1 spd / 2 spd
Pump 2	-	1 spd *	-	1 spd *	1 spd *
Pump 3	-	1 spd	-	1 spd	1 spd / 2 spd
Pump 4	-	-	-	-	1 spd ^
Mains power outlet 1 (230V)	Yes	Yes	Yes	Yes	Yes
Mains power outlet 2 (230V)	-	Yes	-	Yes	Yes
ADVANCED FEATURES					
Adjustable Load Time Outs	10 - 60 mins	10 - 60 mins	10 - 60 mins	10 - 60 mins	10 - 60 mins
Programmable Load Shedding	Yes	Yes	Yes	Yes	Yes
Programmable Load Limits	Yes	Yes	Yes	Yes	Yes
Programmable Current Limit	10 to 15A	10 to 45A	10 to 20A	10 to 45A	10 to 60A
Programmable Sleep Periods	Yes	Yes	Yes	Yes	Yes
Adjustable Daily Filtration Time	Yes	Yes	Yes	Yes	Yes
Adjustable Filtration Cycle Blocks	Yes	Yes	Yes	Yes	Yes
Automatic Daily Purge Cycle	Yes	Yes	Yes	Yes	Yes
Variable Heater	-	-	Yes	Yes	Yes
PowerSAVE Technology	Yes	Yes	Yes	Yes	Yes
Over Temp / Freeze Protection	Yes	Yes	Yes	Yes	Yes
EEPROM Settings Memory	Yes	Yes	Yes	Yes	Yes
Self Diagnostics	Yes	Yes	Yes	Yes	Yes
Descriptive Error Codes	Yes	Yes	Yes	Yes	Yes

** Outlet only available if Pump 1 = 1 spd ^ Outlet only available if Pump 3 = 1 spd*

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SV SERIES
SPA CONTROLS

SV3
ADVANCED SPA CONTROL
variable heater

POWER SMART
Spa Controls

spanet
www.spanet.com.au

ECO FRIENDLY

SV SERIES SPA CONTROLS

MULTI-PHASE CAPABLE 1

The SV Series spa controls are ready for connection to 1, 2 or 3 phase mains power supplies. One system covers all options providing complete flexibility to suit most power systems from 10A to 60A, 1 to 3 phases, you choose.

OPTICAL WATER SENSING 2

Non contact optical water sensing is used by all SV control models providing a robust and trouble free water detection system. Pressure switch and flow switch maintenance and adjustment problems are completely eliminated.

BI-DIRECTIONAL WATER FLOW 3

The SV can be plumbed for water flow through the heater tube in either direction on either the suction or discharge line. The intelligent software adapts to the flow direction to ensure optimum performance removing any plumbing headaches associated with single direction flow heaters.

PROGRAMMABLE FILTRATION 4

Intuitive touch pad menus allow the user to easily adjust the hours per day of filtration performed as well as how often a filtration cycle will occur. Coupled with an onboard real time clock and flexible sleep settings the SV delivers an easily tailored spa.

HEAT PUMP INTERFACE 5

Dedicated expansion modules allow the SV to seamlessly integrate a SpaNET approved heat pump to the spa heating/cooling control system. Sleep periods, filtration, heating and cooling functions are all controlled by the SV spa side touch pad and backed with solid diagnostics and monitoring. Optimum control of heat pumps results in up to 70% power saving. Add Dynamic Thermal Tuning and PowerSAVE technology to the mix and see your significant cost savings extend even further.

DEDICATED POWER OUTLETS 6

Up to two dedicated 230V AMP power outlets are provided to facilitate power connection of accessory products such as AV equipment, stereos or heat pumps.

VARIABLE HEATER 7

The days of on/off heater control are over. The SV introduces a variable heater that can alter its power level (kW) to suit the available power supply while considering any operating loads. Take advantage of a larger heater size for fast heat recovery and rest easy knowing this same heater will automatically reduce its size to maximise heating input whilst spa is in use and accessory loads are operating. The SV variable heater reduces heat loss when spa is in use and spells the end to traditional heater load shedding.

TOUCH SMART

- LARGE 3.5" LCD
- LOW PROFILE CASING
- BRIGHT BACKLIT DISPLAYS
- TACTILE BUTTON FEEL
- ROBUST GEL FILLED DESIGN
- SIMPLE TO USE
- ONE TOUCH SANITISE CYCLE
- ADJUSTABLE LOAD TIME-OUTS
- FULL & PARTIAL KEYLOCK

POWER SMART

Enter the eco-friendly world of power smart spa controls with the SV Series from SpaNET. Sophisticated current sensing and variable heater technology allows the SV to make optimum use of any available power supply. Combine Dynamic Thermal Tuning and PowerSAVE technology and the SV stands apart as the most power efficient spa control available that also offers the lowest daily operating cost.

POWER SAVE TECHNOLOGY

Enjoy the benefits of greatly reduced off peak power tariffs and lower your spa's daily running cost. The SV PowerSAVE technology controls automatic power consumption to off peak times whilst maintaining water temperature and daily filtration times. Simply enable PowerSAVE and set the tariff times and begin saving money!

DYNAMIC THERMAL TUNING

No two spas are the same when it comes to thermal performance and heat retention. The SV control system will adapt and tune itself to the thermal properties of your spa pool in its environment, day to day, season to season, to reduce demand heat cycling. Dynamic thermal tuning provides optimal thermal regulation whilst minimising power usage, resulting in lower daily operating costs.

VARIABLE HEATER

ECO FRIENDLY

power save
software installed