SSPA-1-AS2 SPA PACK

Dual-Pump & Pump 3 Or Blower System With TSC-35

Single-Pump & Blower System With TSC-19 4 Keys
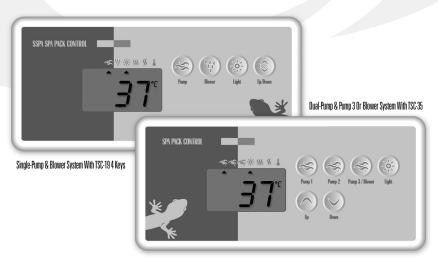
*This Quick Reference Card is a summary of your spa's main functions
and provides a quick overview of operations accessible from your spa side keypad.*

To start Pump I:

Press the **Pump I** key to turn pump 1 on at low speed. A second press will turn the pump to high speed. A third press will turn the pump off. A built-in timer will shut the pump off after 20 minutes unless it has been manually deactivated.

The "Pump 1" marker is displayed when pump 1 is running at high speed. It flashes when the pump is running at low speed.

To start Pump 2:

Press the **Pump 2** key to turn pump 2 on. A second press will turn the pump off. A built-in timer will turn the pump 2 off after 20 minutes unless it has been manually deactivated.

The "Pump 2" indicator is displayed when pump 2 is running.

To start Pump 3 or Blower: (optional)

Press the **Pump 3 / Blower** key to turn the Pump 3 or blower on. A second press will turn the Pump 3 or blower off. A built-in timer will turn blower off after 20 minutes unless it has been manually deactivated.

The "Pump 3" indicator is displayed when the Pump 3 or blower is running.

To turn the light on:

Press the **Light** key to turn the light on. A second press will turn the light off. A built-in timer will turn the light off after 2 hours unless it has been manually deactivated first.

The "Light" indicator is displayed when the light is on.

To change the water temperature:

Press and hold the **Up** or **Down** arrow key to increase or decrease the desired water temperature. The selected temperature setting ("set point" value) displays for 5 seconds as confirmation. (If you have a TSC-19- 4 keys the press and release of the **Up/Down** key changes temperature setting direction).

The "Set Point" indicator means that the temperature shown is the desired, and not the current, temperature of the water!

The temperature can be adjusted by 1° increments from 15 to 40°C (59 to 104°F).

Water heater automatic start:

When the water temperature is 0.5°C (1°F) lower than the set point, the heater will be turned on until the water temperature reaches the set point plus 0.5°C (1°F).

The "Heater" indicator is displayed when the heater is on. It flashes when there is a call for heat but the heater has not started yet.

Note: *The heater will not start if 3 pumps are running.*

Quick Reference Card

HOW TO PROGRAM THE FILTER CYCLE DURATION

The system will automatically perform one daily filter cycle. During a filter cycle:
- Pump 2 and blower run for one minute, then
- Pump 1 runs at low speed for the programmed number of hours, and the ozonator is turned on.

To set the filter cycle duration:

Press and hold **Light** key for 5 seconds.

The display will show "F xx" where "xx" represents the currently set filter cycle duration in hours.

Use the **Up** or **Down** arrow key to change the setting.

0 = no filter cycle
24 = continuous filter cycle

When the desired setting is displayed, press the **Light** key to confirm.

The display will then show "d xx" where "xx" represents the delay in hours before the filter cycle starts.

Use the **Up** or **Down** arrow key to change the setting.

0 = cycle starts now
x = cycle will start in "x" hours

The "Filter Cycle" indicator will be displayed during a filter cycle.

ECONOMY MODE

The Economy mode allows you to lower the temperature set point of the spa by 15°C (27°F) during a certain period of the day. When in Economy mode, the "Eco" message will be displayed.

To program the Economy mode, you must enter two parameters: the duration and the delay before the Economy mode starts.

To set the duration of the Economy mode:
- After setting the Filter cycle start time and duration, press the **Light** key again. The display will show "E xx" where "xx" represents the currently set Economy mode duration in hours.

- Use the **Up** or **Down** arrow key to change the setting:
  0 = No Economy mode   24 = Economy mode always on

To set the delay before the Economy mode starts:
- Press the **Light** key to confirm. The display will then show "d xx" where "xx" represents the delay in hours before the Economy mode starts.
- Use the Up or Down arrow key to change the setting:
  0 = Economy mode starts now   x = Economy mode will start in "x" hours

An irregularly flashing "Filter Cycle" indicator means that the system has stopped filtering after 3 hours because the water temperature exceeds the set point by more than 1 °C (2 °F). If the temperature cools down to 0.5 °C (1 °F) above set point before the scheduled end of the cycle, filtering will resume for the remaining of the programmed duration.

Note: After a power failure, the filter cycle duration will return to its default value (2 hours). In this case, the first filter cycle will start immediately after power has been restored.

TROUBLESHOOTING

	Pumps have started up for one minute on several occasions and "Filter Cycle" indicator is flashing.	Not a bug but a feature! Our **Smart Winter Mode** protects your spa from the cold by automatically turning pumps on for one minute several times a day to prevent water from freezing in pipes.
	3 flashing dots are displayed.	A problem has been detected. Do not enter the water! Check and open water valves. Clean filter if necessary. Check water level. Add water if necessary. Shut power off and power your spa up again to reset the system. Call your dealer or service supplier if problem persists.
112	*Water temperature is flashing.*	Water temperature in the spa has reached 112°F (44°C). Do not enter the water! Allow water to cool down. The system will reset itself when water temperature reaches 109°F (43°C). Call your dealer or service supplier if problem persists.
	The display is flashing.	A power failure has occurred. Press any key to reset the system, then reprogram all desired parameters.

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