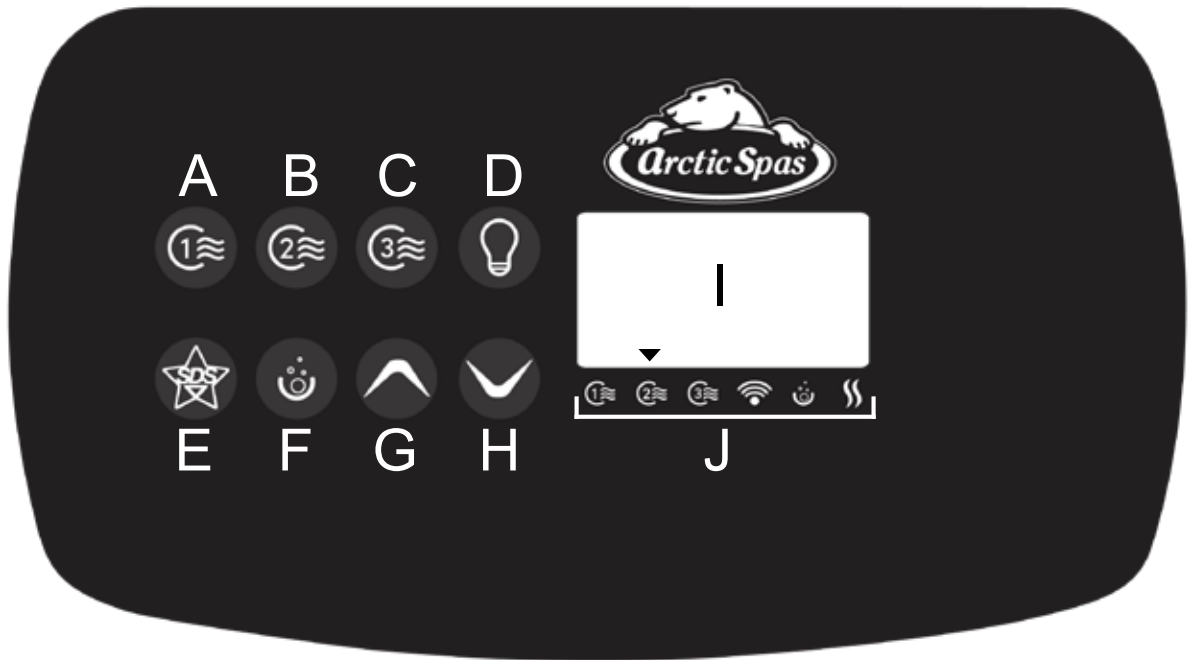


Topside Control Panel

Your spa control has been specifically designed so that by simply connecting the spa to a properly grounded source, and following the start-up procedures in this manual, the spa will automatically heat to the set temperature. Many other functions, such as filtration, safety checks and maintenance reminders have been automated so that your spa experience will be as carefree as possible.

But you're in charge! The topside control (TSC) panel allows you to set the temperature, initiate the filtration cycle, control the lights, and activate or deactivate the pump(s). The TSC display responds to let you know you have pressed a button, and that the selected function has been performed.



A Pump 1

B Pump 2

C Pump 3

D Light Control

E SDS Control

F Setting / YESS

G Up Arrow

H Down Arrow

I Display

J Function Indicator Section
A small inverted triangle over the symbol indicates that the corresponding function is active.

Quick Reference Guide



Starting Pump 1

Press Pump 1 button to turn on at low speed. Press a second time to turn Pump 1 to high speed. A third time turns the Pump 1 off. A built in timer automatically turns Pump 1 off after 20 minutes, unless it has been manually deactivated.



The Pump 1 indicator lights up when Pump 1 is on high speed and flashes when Pump 1 is on Low speed.



Starting Pump 2

Press Pump 2 button to turn on Pump 2. Press a second time turns Pump 2 off. A built in timer automatically turns Pump 2 off after 20 minutes, unless it has been manually deactivated.



The Pump 2 indicator lights up when Pump 2 is on high speed.



Starting Pump 3

Press Pump 3 button to turn on Pump 3. Press a second time turns Pump 3 off. A built in timer automatically turns Pump 3 off after 20 minutes, unless it has been manually deactivated.



The Pump 3 indicator lights up when Pump 3 is on high speed.



Starting SDS

Press SDS button to turn on SDS. Press a second time turns SDS off. A built in timer automatically turns SDS off after 20 minutes, unless it has been manually deactivated SDS.



Setting Water Temperature

Use the Up or Down Arrow button to regulate water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection.



Water temperature can be adjusted by 1° increments from 59°F to 104°F (15°C to 40°C). The temperature symbol indicates the desired temperature, NOT the current water temperature.



Automatic Water Heater Start

When water temperature is 1°F (0.5°C) lower than the Set Point, the water will automatically turn on & heat until the water temperature reaches 1°F (0.5°C) above the Set Point.



The Heater indicator lights up when the heater is on.

Spa Boy® Boost (if equipped)

Press and hold the Pump 2 key for 10 seconds to initiate Spa Boy® Boost which runs the Spa Boy® electrode for 30 minutes regardless of the ORP setting. When activated "Sbb" will be displayed.

Temperature Unit

Press and hold the light button for 5 seconds to toggle between °F and °C.

Turning The Lights On

If your spa is equipped with an original lighting package, you can toggle through the color options by pressing the Light button on/off. Press Light button to turn on. Press a second time to turn lights off. A built in timer will automatically turn the lights off after 2 hours unless it has been deactivated. The Light indicator is displayed when the lights are on.

Boost Mode

Press and hold Pump 2 button for 10 seconds to enable Boost Mode. In this mode, Pump 1 high speed and the ozonator will run for 45 minutes. When this is enabled, "boo" is displayed on the control Pad. This mode is used to speed up filtration after intensive use of the spa or to help chemicals just added to the spa. Pressing any button will exit Boost Mode.

Fogger Waterfall

The Fogger Waterfall is controlled by pressing and holding the Light Button for 2 seconds. This will activate the Lights, Fogger and the small Pump that operates the system. Pressing the "Light Button once will turn the Fogger/Waterfall off. The system will stay activated for 2 hours unless it has been manually turned off using the Light button. It is advisable on first start up or restart that water is put into the opening of the Fogger/Waterfall to fill up the area to prevent premature damage to the Fogger unit.



Programming the Filtration Settings

During a filter cycle

- Pump 2, Pump 3 and the blower run for 20 seconds, then
- Pump 1 runs at low speed for the programmed number of hours (see below), and
- The ozonator is turned on.



Press the Filter button to enter into your filtration options. Your display will show "SEtt" and from here you will be able to choose your settings.



Press your Filter button again to display your first option. This is your Ozone Cycle Duration (if equipped).



Use your arrow keys to select your Ozone Cycle Duration. You can select from 1 to 24 hours per day.



Press your Filter button again. Your display will now show the settings for your Onzen (if equipped).



Use your arrow keys to select your Onzen Cycle Duration. You can select from 1 to 24 hours per day.



Press your Filter button again. Your display will now show the settings for your Filter Duration.



Use your arrow keys to select your Filter Duration in hours. You can select from 0 to 6 hours.



Press your Filter button again. Your display will now show the settings for your Filter Cycle Frequency.



Use your arrow keys to select your Filter Cycle Frequency from 1 to 4 times per day.



Filter button



Arrow keys

Please note: You will see the options that are applicable to your spa. If you have neither ozone nor onzen, you will proceed directly into setting your Filter Duration. Also, though an Epic topside is of a different design, the steps are as shown. You can move backwards through the settings by pressing the Pump 3 button (Pump 4 on Epic series spas). The Pump 1 button will allow you to exit without saving any changes. When you get to the end of the options, press the filter key one last time to save changes and begin a filter cycle immediately. If you do not press the filter key again your changes will be saved and the filter cycle will begin when you have programmed it to do so.

45 Minute filter cycle time-out: If you turn a pump, blower or light on during a filter cycle, the cycle will be interrupted and will only resume 45 minutes after you (or the system) have turned the last active output off.

Error Codes



ER01 – Insufficient water flow through pump 1



ER03 - Pump 1 is not working on high speed



ER02 - Pump 1 is not drawing amperage on low speed



ER04 – Pump 1 is Air Locked