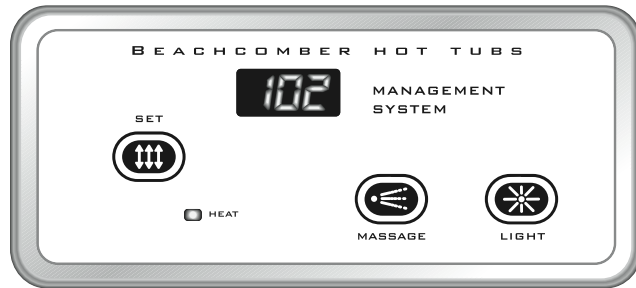


# BEACHCOMBER

## Digital 2500ES Energy Saver Reference Card

### Start Up

When your spa is first powered up, it will automatically heat and maintain 100°F/37.5°C until you change the set temperature.



### Temperature Adjustment (80°F - 104°F / 26°C - 40°C)

Press the pad to display the temperature previously set. This set temperature is flashed on the display. In a few seconds, the numbers will stop flashing, and the display will show the actual water temperature.

Pressing the pad a second time will cause the set temperature to increase or decrease depending on what direction was last chosen. Each press to follow will change the set temperature in the same direction. If the opposite direction is desired, release the pad and let the display revert to the actual water temperature. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.

### Massage

#### On spas with a hush pump:

Press the pad to turn the pump on and off. If left on, the pump will turn off after 15 minutes of use.

#### On spas without a hush pump:

Press the pad to activate the pump's low speed, again for the pump's high speed, and once more to turn off the pump. The pump's low speed turns off after 2 hours. The pump's high speed turns off after 15 minutes of use.

### Light

Press the pad to turn the spa light on and off. The light will automatically turn off after 4 hours of use.

### Standby Mode

The spa can be disabled when the filter needs to be replaced. Press the pad then the pad and the display will show "5b." All spa functions will be disabled except for freeze control. Press any panel button to resume spa operation.

(Over)

### Preset Filter Cycles

Your spa is set to automatically filter itself twice each day. The first filter cycle will begin one minute after the spa is energized. The second filter cycle will begin twelve hours after the start of the first filter cycle. Filter duration is programmable at the top-side panel. Press the pad, then the pad within 3 seconds to enter programming. Press to select cycle duration. Options for cycle duration are 2, 4, 6, 8, 10, or 12 hours. Press again to enter programming for the number of cycles you would prefer. Options are 1 or 2 cycles per day. As stated above, the default is 2 cycles per day. Press to set number of cycles. Display will show "C1" or "C2." Press the pad again to exit the programming mode. During filtration, the pump's low speed or hush pump and the ozone generator (if installed) will run.

### Display Messages

#### OH "Overheat" (Spa is deactivated)

The spa has shut down. Either the water has reached 112°F/44.5°C, or the high limit sensor has detected 118°F/48°C at the heater. DO NOT ENTER THE WATER. Remove the spa cover and allow the water to cool. At 110°F/43°C, the spa should automatically reset. If the spa does not reset, then shut off power to the spa and call your dealer or service organization.

#### FL "Flow"

A pressure switch is not working. Call your dealer or service organization.

#### 5n "Sensor" (Spa is deactivated)

The high-limit sensor or water temperature sensor is not working. Call your dealer or service organization.

#### 5b "Standby" mode (Spa is deactivated)

All spa functions are disabled except for freeze control. Press any panel button to resume spa operation.

### Warning! Shock Hazard! No User Serviceable Parts.

Do not attempt service of this control. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a licensed electrician and all grounding connections must be properly installed.



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