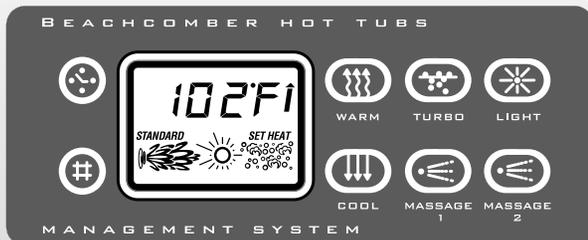


BEACHCOMBER DIGITAL 3000 MANAGEMENT SYSTEM REFERENCE CARD



DIGITAL 3000

DISPLAY MESSAGES

START UP

When your hot tub is powered up, it begins running in standard mode. Standard mode automatically heats to 100°F/37°C until you change the set temperature. Pressing the pad switches the hot tub to economy mode, which means the heater will only operate during the preset filter cycles. This setting is designed for periods of little or no hot tub use, but continues to filter twice a day and maintain water quality.

TIME

You will see the words "SET TIME" flashing on the display. To set the time, press , then . Pressing or once will begin changing the time in one-minute increments. Press either pad to stop the time from changing. Press to enter the correct time into the system.

FILTER CYCLE PROGRAMMING

While you are not required to set filter cycles, if you want to change them, press , , within 3 seconds. "SET START FILTER 1" will appear on the display. Press or to reset the filter start time. When "SET HEAT" is on the display, press "on" to warm the water during filtering, or press "off" to disable the heater. Press , to see "SET STOP FILTER 1" and adjust the time with or as done above. Press to see "SET START FILTER 2" and proceed as above. Pressing will enter the new filter cycle times into the system and display the current water temperature. At the start of each cycle, the turbo (if installed) will turn

on for 30 seconds to clean out the air channel. The ozone generator (if installed) will run for the duration of the filter cycle.

TEMPERATURE ADJUSTMENT

(60°F-104°F)/(16°C-40°C)

Press either or once to display the last temperature that was set. If either pad is pressed within 3 seconds, the temperature setting will increase or decrease in 1° increments. Actual water temperature will reappear on the display after changing the temperature setting.

MESSAGE 1

Press the 1 pad once to activate the pump1'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 1 hour. The pump's high speed turns off after 15 minutes of use.

MESSAGE 2

Press the 2 pad once to activate the pump2'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 1 hour. The pump's high speed turns off after 15 minutes of use.

TURBO (OPTIONAL)

Press the pad to cycle through the highest to lowest setting, then to turn off the turbo. If left running, the turbo automatically turns off after 15 minutes.

TIME AND TEMPERATURE INVERSION

Press , then within 3 seconds to invert the time and temperature display. Press the same sequence to set back.

PANEL LOCK

Press the pad, the empty space between "warm" and "light" pads, then the pad within 3 seconds. When locked, the display will show the temperature you have chosen along with the "lock" symbol.

To unlock, press the pad, then the space between "warm" and "light" pads, then the pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.

For hot tubs with turbo option: Press , , within 3 seconds.

To unlock, press , , pads within 2 seconds.

TEMPERATURE/FILTER CYCLE LOCK

Press then press the , the empty space between "warm" and "light" pads, then the pad within 3 seconds. The , , and buttons are now locked. The display will show the "lock" symbol and "set heat". It will also display the temperature you have chosen when the or is pressed.

To unlock, press the pad, the empty space between "warm and light" pads, then the pad within 2 seconds. The lock symbol will disappear and all panel pads will work again.

For hot tubs with turbo option: Press , , then the pad within 3 seconds to lock.

To unlock, press the , , pads within 2 seconds.

STANDBY MODE

Press then within 3 seconds to prevent the hot tub from operating. "Stby" will appear on the display. Standby mode should be used when replacing the filter. All hot tub functions will be disabled except for freeze control. Press any button to resume hot tub operation.

"OH".

"Overheat" - The hot tub has shut down. Either the water has reached 112°F/44°C, or the high limit sensor has detected 118°F/48°C at the heater. **DO NOT ENTER THE WATER.** Remove the hot tub cover and allow water to cool. At 110°F/43°C, the hot tub should automatically reset. If the hot tub does not reset, then turn off all power to the hot tub and contact your dealer or service organization.

"FLO".

"Flow" (Flashing) - Flow of water is inhibited. Check and open flow valves. Check for correct water level. Clean filter.

"FLO".

"Flow" (Not flashing) - A pressure switch has malfunctioned. Contact your dealer or service organization.

"COOL".

"Cool" - Water temperature is more than 20°F/7°C below the temperature you last set. No action required. Spa is functioning properly.

"ICE".

"Ice" - Potential freeze condition is detected. No action required. Pump(s) will automatically activate regardless of hot tub's status.

"Sn1".

"Sensor1" - Hot tub is shut down. The high-limit sensor is not working. Contact your dealer or service organization.

"Sn3".

"Sensor 3" - Hot tub is shut down. The water temperature sensor is not working. Contact your dealer or service organization.

"Stby"

"Standby" - Hot tub is in standby mode. All hot tub functions are disabled except for freeze control. Press any panel button to resume operation.

Heat Light Flashing

"Summer Standby Mode" - Filtering has stopped: water temperature is 2° F / 1° C or more above set temperature after 3 hours of a filter cycle. If water cools off and the system is still in filter mode, filtering will resume.

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 instruction. Installation must be performed by a licensed electrician and all grounding connections must be properly installed.