



## ET-3 CONTROL PANEL INSTRUCTIONS

### STARTUP

When your hot tub is first activated, it will go into priming mode (after displaying some configuration information). The priming mode will last up to 4 minutes; then circulation will start, then heat light will come on for 6 seconds, and then flicker for 1 minute. Then heater will come on to heat water to set temperature. It is recommended that priming mode be allowed to finish, preventing any pumps from operating dry. If you are positive all pumps are primed you can exit the priming mode early by pressing .

### TEMPERATURE ADJUSTMENT

Temp range is: (80°F - 104°F/26.0°C – 40.0°C) The factory pre-set temperature is set at 100°F/37.5°C. The last measured temperature is constantly displayed on the LCD. See edit menu in Owner's Guide to select F° or C°. *Note: On non Hush Pump hot tubs the current water temperature will only be displayed if the 2 speed filter pump has been running for two minutes.*

Press the  button once to display the temperature previously set. To change the set temperature, press the  button a second time before the LCD stops flashing. Each press of the  will continue to 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. Actual water temperature will reappear on the display after changing the temperature setting.

### HEATING MODES

A button combination is used to switch between Standard, Economy, and Sleep modes. Press  followed by  to enter mode

programming, press  to cycle through to the desired mode (LCD flashes until confirmed), then press  to confirm selection.

*Standard Mode* maintains the set temperature at all times. **STD** will appear on the display momentarily when you switch into Standard Mode.

*Economy Mode* heats the hot tub to the set temperature only during filter cycles. **ECN** will appear solid when the temperature is not current and will alternate with the temperature when the temperature is current. On a Hush Pump equipped hot tub the heater will come on if required for up to 2 hours twice a day (total of 4 hrs). Pressing  while in economy mode puts the hot tub in Standard-In-Economy mode, **SE**, which operates the same as standard mode, then reverts to Economy mode automatically after 1 hour. Use this mode to activate the heater if using tub when not in filter cycle. During this time, pressing  followed by  will revert the mode to Economy immediately.

*Sleep Mode* heats the hot tub within 20°F (11°C) of the set temperature only during filter cycles. **SLP** will appear on the display until mode is changed. Use this mode when going on holidays.

### MASSAGE

Press the  button once 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 automatically after 2 hours. The pump's high speed will turn off automatically after 15 minutes. Massage pump comes on for a 1 minute purge at the start of each filter cycle.

### LIGHT

Press the  button to turn the hot tub light on, press again to turn off. If an EverLite bulb is installed refer to a separate reference card to operate. Light will automatically turn off after 3 hours.

## STANDBY MODE

Pressing  followed by  or  will turn off all hot tub functions temporarily. **SBY** will appear on your display. This is helpful when changing a filter element. Pressing any button exits Standby mode. *Note: If the hot tub is in a heat cycle when standby is selected the 2 speed filter pump or Hush Pump will run for approximately 15 seconds.*

## FILTER CYCLES

The first filter cycle ("day") begins 6 minutes after the hot tub is powered up. The second filter cycle ("night") begins 12 hours later. If the hot tub is not Hush Pump equipped filter duration is programmable for 1-12 hours (F1-F12). The default filter time is 2 hour cycles twice a day.

*To Program:*

1. Press  button then .
2. Press  to select the filter duration.
3. Press  to select the number of filter cycles.
4. Display will show **DN** (both day and night cycles); or **D** (day cycle only); or **N** (night cycles only). Press  to adjust
5. Press  to exit programming mode.
6. Hush pump equipped hot tubs will automatically filter 2-12 hour cycles per day. No programming is available on Hush equipped hot tubs due to the energy efficiency of the Hush Pump.

## PERIODIC REMINDER MESSAGES

*(press the  button to reset a displayed reminder message)*

- rPH:** Test and adjust pH chemical levels as per Beachcomber instructions. Reminder is every 7 days.
- rCL:** Remove, clean, and reinstall Microfilter Cartridge as per Beachcomber instructions. Reminder is every 30 days.
- rt9:** Test & reset GFCI as per Beachcomber instructions. Reminder is every 30 days.
- rdr:** Drain and refill hot tub as per Beachcomber instructions. Reminder is every 90 days.
- rCO:** Clean and condition Heatshield as per Beachcomber instructions. Reminder is every 180 days.
- rCH:** Install new Microfilter cartridge. Reminder is every 365 days.

*To suppress reminders, refer to the edit menu section in the Owner's Guide.*

## DIAGNOSTIC DISPLAY MESSAGES

**OHH** or **OHS:** Overheat-DO NOT ENTER HOT TUB

**ICE:** Potential Freeze

**SNA:** Hot tub is shut down

**SNB:** Hot tub is shut down

**SNS:** Sensor out of balance

**HFL:** Could indicate flow problem

**LF:** Persistent low flow problems

**DR:** Inadequate water detected

**DRY:** Inadequate water detected

**PR:** Hot tub in priming mode

**- - :** Temperature unknown

**STD:** Hot tub is in Standard mode

**ECN:** Hot tub is in Economy mode

**SE:** Hot tub is in Standard-Economy mode

**PLEASE REFER TO TROUBLE SHOOTING GUIDE ON PAGE 23 FOR A COMPLETE EXPLANATION OF DIAGNOSTIC MESSAGES.**

## WARNING SHOCK HAZARD! NO USER SERVICEABLE PARTS.

DO NOT ATTEMPT SERVICE OF THIS CONTROL. CONTACT YOUR DEALERSHIP OR SERVICE PROVIDER FOR ASSISTANCE. FOLLOW ALL OWNER'S GUIDE POWER CONNECTION INSTRUCTIONS. INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN AND ALL GROUNDING CONNECTIONS MUST BE PROPERLY INSTALLED.