Spa Functions

- **On/Off key**
  - Depending on the spa manufacturer, this key may have one or a combination of the following functions: Standby and/or On/Off and/or Economy mode.
  - The first mode activates/deactivates via a short press on the key.
  - The second mode, if present, activates via a long press of 6 to 9 seconds and deactivates via a short press on the key.
  - The third mode, if present, activates via a long press of 6 to 9 seconds and deactivates via a short press on the key.

- **Pump 2 key**
  - Press Pump 2 key to turn Pump 2 on or off. Press a second time to turn pump to high speed with a dual-speed pump*. A third time turns pump off. A built-in timer automatically turns pump off after 20 minutes, unless pump has been manually deactivated first.
  - The "Pump 2" indicator lights up when pump 2 is on.

- **Blower key**
  - Press Blower key to turn Blower on. Press a second time to turn Blower off. A built-in timer automatically turns blower off after 20 minutes, unless pump has been manually deactivated first.
  - The "Blower" indicator lights up when blower is on.

- **Light key**
  - Press Light key to turn Light on. A second press turns light off. A built-in timer automatically turns light off after 2 hours, unless it has been manually deactivated first.
  - The "Light" indicator lights up when light is on.

- **Up/Down keys**
  - Use Up or Down keys to set desired water temperature. The temperature setting will be displayed for 2 seconds to confirm your new selection.
  - The "Set Point" icon indicates that the display shows the desired temperature. For the current water temperature.

**Programming Steps**

- **Program menu**
  - Depending on the keypad configuration, the program menu will be accessible via either the Program key (check mark or Spa symbol) or the Light key. A long press of 5 seconds will allow you to enter the program menu. In the program menu, the following parameters can be set: the clock, the filter cycles or the purge cycles, the economy mode and the temperature unit. While you are in the program menu, use the Up or Down keys to adjust the parameters and use the Program or Light key to jump to the next parameter. The changes will be saved after confirmation of the last parameter only. When no key press for 30 seconds, the system will exit the program menu without saving the changes.

- **Setting the clock**
  - Enter the program menu by holding down the Program or Light key for 5 seconds. The display will show the current clock setting, the minutes will flash on solid and the hours will flash.
  - Depending on factory settings your system may be set to a 24-hour military notation or a regular 12-hour notation.

- **Set the hour**
  - Use the Up or Down keys to adjust the hour. Press the Program or Light key to jump to the next parameter, the filter or purge start time (H5).

- **Program the filter/purge cycles**
  - Depending on system configuration your spa will perform either a filter or a purge cycle. The filter cycle menu consists of the following parameters: the start time (H5), the duration (H4) and the frequency (H6). The purge cycle menu consists of the following parameters: the start time (H5) and the frequency (H6).
  - A filter cycle consists of starting all the pumps and blower in high speed for 1 minute (purge). Then, the pump associated with the filter will run in low speed for the remaining duration of the filter cycle (cycle time).
  - A purge cycle is used when the spa is equipped with a 24-hour circulation pump which provides a continuous clean step. It consists of starting all the pumps and blower in high speed for 1 minute.
Troubleshooting section

Should an error occur, the display will show a wrench icon (on the left of the screen) and one of the following error messages will toggle with the clock and the water temperature.

<table>
<thead>
<tr>
<th>in.xe error codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hr</td>
<td>An internal hardware error has been detected in in.xe. Contact dealer or service supplier.</td>
</tr>
<tr>
<td>HL</td>
<td>The system has shut the heater down because the temperature at the heater has reached 119°F (48°C). Do not enter the water! Remove the spa cover and allow the water to cool down, then shut power off and power your spa up again to reset the system.</td>
</tr>
<tr>
<td>AOH</td>
<td>Temperature inside the spa skirt is too high, causing the internal temperature in the in.xe to increase above normal limits. Open skirt and wait until error clears.</td>
</tr>
<tr>
<td>FLO</td>
<td>The system does not detect any water flow while the primary pump is running. Check and open water valves. Check for water level. Clean filter. If the problem persists, call your dealer or service supplier.</td>
</tr>
<tr>
<td>Prr</td>
<td>A problem is detected with the temperature probe. Call your dealer or service supplier.</td>
</tr>
<tr>
<td>OH</td>
<td>The water temperature in the spa has reached 108°F (42°C). Do not enter the water! Remove the spa cover and allow the water to cool down to a lower temperature. Call your dealer or service supplier if problem persists.</td>
</tr>
</tbody>
</table>

Water temperature regulation

In a regulation cycle, the system first generates water flow through the heater housing and the plumbing, in order to ensure accurate water temperature readings as well as avoiding heater activation in dry conditions. After verifying pump activation and taking a water temperature reading if required, the system automatically turns the heater off to reach and maintain water temperature at Set Point.

The “heater” indicator lights up when the heater is on. Indicator flashes when taking water temperature reading.