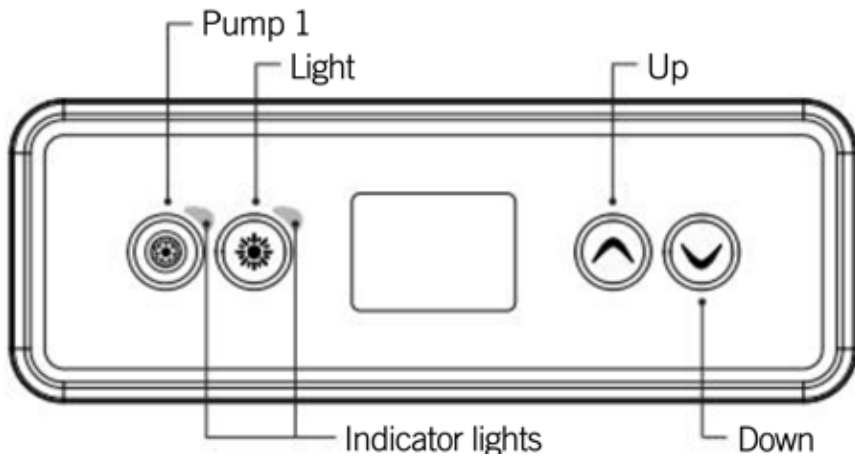


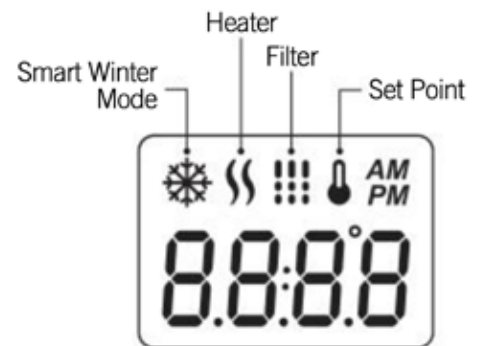
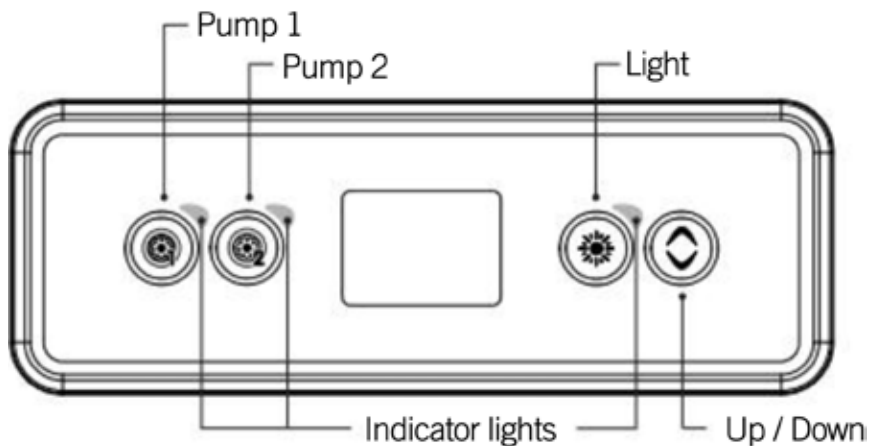
Topside Control Panel



1 Pump Model



2 Pump Model



Spa Functions



Off Mode

Pressing Pump 1 for 5 seconds will enable the Off Mode. This mode allows you to stop all outputs including automatic functions such as filter cycle, heat request and smart winter mode for 30 minutes to perform quick spa maintenance. When Off Mode is active, the display will toggle between the "OFF" message, the clock and the water temperature. The spa light will flash for a few seconds before the end of the 30 minutes to warn you that the system is about to resume its normal operation.

Press Pump 1 or Pump 2 (if available) to restart the system before the expiration of the 30 minutes delay. When the system resumes its normal operation, the display shows "ON" for 3 seconds.



Pump 1

Press Pump 1 key to turn Pump 1 on at low speed. Press second time to turn pump to high speed. 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 1" indicator lights up when Pump 1 is on. The indicator will flash when pump 1 is on at low speed.



Pump 2 (Not available on all models)

Press Pump 2 key to turn Pump 2 on at high speed. Press a second 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.

Startup Programming

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 on to reach and maintain water temperature at Set Point.

 The "Heater" indicator lights up when the heater is on. It flashes when there is a request for more heat but the heater has not yet started.

Smart Winter Mode

Our Smart Winter Mode protects your system from the cold by turning pumps on several times a day to prevent water from freezing in pipes.



The "Smart Winter Mode" indicator lights up when the Smart Winter Mode is on.

Cooldown

While performing this task, the heater is not allowed to turn on and its icon flashes.



Light Key

Press Light Key to turn lights on. A second press turns lights 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 key to set desired water temperature. The temperature setting will be displayed for 2 seconds to confirm your new selection.

2 pump spas have a combined Up/Down Key. Hold the button to increase the parameter and release the button to stop. Hold the button again to decrease the parameter.



The "Set Point" icon indicates that the display shows the desired temperature, NOT the current water temperature!



Program Menu

Press Light Key to turn lights on. A second press turns lights off. The program menu is accessible by holding down the Light key for 5 seconds. In the program menu the following parameters can be set: clock, filter or purge cycles, economy mode and temperature units. While in the program menu, use the Up or Down key to adjust the parameters and use the Light key to jump to the next parameter. The changes will be saved after the confirmation of the last parameter only. If there is no action taken for 10 seconds, the system will exit the program menu without saving any changes.

Startup Programming



Setting the Clock

Enter the program menu by holding down the Light key for 5 seconds. The display will show the current clock setting with the hour flashing.

Depending on factory settings your system may be set to 24-hour time or 12-hour time.

Setting the hour: Use the arrow keys to adjust the hour. Press the Light key to jump to the next parameter, the minutes. Setting the minutes: Use the arrow keys to adjust the minutes. Press the Light key to jump to the next parameter, the filter or purge start time (FS).

Programming the filter

The filter cycle menu consists of the following parameters: the start time (FS), the duration (Fd) and the frequency (FF). A filter cycle consists of starting all the pumps in high speed for 1 minute (purge step) then, the pump associated with the filter will run in low speed for the remaining duration of the filter cycle (clean step).



Filtration Settings



Setting Filter Cycle Start Time

The display will show FSxx, "xx" representing the starting hour of the cycle. Use the arrow keys to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).



Setting Filter Cycle Duration

The display will show Fdxx, "xx" representing the duration in hours of the filter cycle. Use the arrow keys to adjust the duration. Use the Light key to jump to the next parameter, filter or purge frequency (FF).

- 0 = no filtration (It is not recommended to set this to "0")
- 24 = continuous filtration



Setting Filter Cycle Frequency

The display will show FFxx, "xx" representing the number of cycles per day. Use the arrow keys to adjust the frequency. Use the Light key to jump to the next parameter, Onzen Cycles (OC).

- The "Filter" indicator lights up when filter is on and flashes when suspended.

Filtration Settings



Setting Onzen Cycle Start Time

The display will show oSxx, "xx" representing the starting hour of the cycle. Use the arrow keys to adjust the hours. Use the Light key to jump to the next parameter, filter duration (Fd).



Setting Onzen Cycle Duration

The display will show odxx, "xx" representing the duration in hours of the filter cycle. Use the arrow keys to adjust the duration. Use the Light key to jump to the next parameter, filter or purge frequency (FF).

- 0 = no filtration (It is not recommended to set this to "0")
- 24 = continuous filtration



Setting Onzen Cycle Frequency

The display will show oFxx, "xx" representing the number of cycles per day. Use the arrow keys to adjust the frequency. Use the Light key to jump to the next parameter, economy mode (EP).



Setting Economy Mode*

This mode allows you to lower the temperature set point of the spa by 20 °F (11 °C) during a certain period of the day. The display will show EPx, "x" representing the state of the programmed economy (0 = disabled, 1 = enabled). Use the arrow keys to enable or disable economy mode. Use the Light key to jump to the next parameter, economy start time (ES). When the Economy mode is ON, the display will toggle between the "Eco" message, the time, and the water temperature.

Setting Economy Mode



Setting Economy Start Time*

The display will show ESxx, "xx" representing the hour at which the economy mode will become active. Use the arrow keys to adjust the hour. Use the Light key to jump to the next parameter, economy duration (Ed).

** Note that the parameters for the economy mode settings are associated to specific low level configuration of the system that are not present in all software revisions.*



Setting Economy Duration*

The display will show Edxx, "xx" representing the duration in hours of the economy mode. Use the arrow keys to adjust the hour. Use the Light key to jump to the next parameter, temperature unit.

• 24 = continuous economy



Setting Temperature Unit

Water temperature can be displayed in either Fahrenheit (°F) or Celsius (°C). The display will show °F or °C. Use the arrow keys to change the setting. Use the Program or Light key to save all the parameters.

Error Codes

**Hr**

An international error has been detected in in.xe. Contact dealer or service supplier.

**HL**

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 the shut power off and power your spa up again to reset the system.

**AOH**

The temperature inside the spa skirt is too high, causing the internal temperature in the in.xe to increase above the normal limits. Open skirt and wait until error clears.

**FLO**

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.

**Prr**

A problem is detected with the temperature probe. Call your dealer or service supplier.

**OH**

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 the problem persists.

