

# Arctic Spas® Quick Reference Card



The Quick Reference Card provides a quick overview of your spa's main functions and the operations accessible with your digital control pad.

## 1 Starting Pump 1:

Press **Pump 1** button to turn Pump 1 on at low speed. Press a second time to turn Pump 1 to high speed. A third time turns Pump 1 off. A built-in timer automatically turns Pump 1 off after 20 minutes, unless it has been manually deactivated.

▼ The Pump 1 indicator lights up when Pump 1 is on at high speed. It flashes when Pump 1 is on at low speed.

## 2 Starting Pump 2:

Press **Pump 2** button to turn pump 2 on. A second time turns Pump 2 off. A built-in timer automatically turns Pump 2 off after 20 minutes, unless it has been manually deactivated.

▼ The Pump 2 indicator lights up when Pump 2 is on at high speed.

## 3 Starting Pump 3:

Press **Pump 3** button to turn Pump 3 on. Press a second time to turn Pump 3 off. A built-in timer automatically turns Pump 3 off after 20 minutes, unless it has been manually deactivated.

## 4 Starting Pump 4 (Epic series only):

Press **Pump 4** button to turn Pump 4 on. Press a second time to turn Pump 4 off. A built-in timer automatically turns Pump 4 off after 20 minutes, unless it has been manually deactivated.

## 5 Starting Pump 5 (Epic series only):

Press **Pump 5** button to turn Pump 5 on. Press a second time to turn Pump 5 off. A built-in timer automatically turns Pump 5 off after 20 minutes, unless it has been manually deactivated.

## Starting the blower:

Press the **Blower** button once to turn on the Therapy Air (TA) blower. Press a second time to turn on the SuperJet\* (SJ) blower on. A third time turns the TA blower off. A fourth time turns the SJ blower off.

\*On Super Jet equipped single pump spas only

## Setting water temperature:

Use **Up** or **Down** arrow button to regulate water temperature. The temperature setting will be displayed for 5 seconds to confirm your new selection. Water temperature can be adjusted by 1° increments from 59 to 104°F (15 to 40°C).

🌡️ The temperature symbol indicates the desired temperature, NOT the current water temperature.

## Automatic water heater start:

When water temperature is 1°F (0.5°C) lower than the Set Point, the heater will automatically turn on & heat until the water temperature reaches 1°F (0.5°C) above the set point.

▼ The Heater indicator lights up when the heater is on.

## Temperature unit:

Press and hold the **light** button for 5 seconds to toggle between °F and °C.

## Turning the light on:

Press **Light** button to turn light on. Press a second time to turn light off. A built-in timer automatically turns it off after 2 hours, unless it has been manually deactivated.

The Light indicator is displayed when the light is on.

## Stereo (on stereo-equipped spas):

Any user function will turn the stereo on for 2 hours.

## Waterfall

The waterfall will be operated by the pump nearest to it and will vary by spa model & series. If Peak 2 is installed, the waterfall can be turned on by holding the blower button (pump 3 on Epic series) for 3 seconds. Hold for 3 seconds again to turn it off.

## Standby mode:

Press and hold **Pump 3** button for 5 seconds to enter standby mode. The "stby" message is displayed and heating & filtering will be disabled for 30 minutes.

Pressing any button will exit standby.

Note: If the system is turned down while the heater is on, Pump 1 will run for an additional 3 minutes.

## Pad Lockout:

There are two modes you can choose from: Full or partial lock. Full lock means that all keypad functions are locked. Partial lock means that only the basic functions will remain accessible (pumps, blower, light).

Locking your digital control pad:

Press and hold **Pump 1** for 5 seconds. The display will show "LocP", with "P" representing partial lock. Release the button and the keypad will be in Partial lock mode. Keep button pressed down for 5 more seconds if you want to be in Full lock mode. The "LocF" message will then be displayed.

When control pad is locked, all automatic functions will run as usual. If a button is pressed down, a "LocP" or "LocF" message will be displayed for 1 second. To unlock the keypad, simply press and hold Pump 1 button again for 5 seconds.

## Boost Mode:

Press and hold Pump 2 button for 5 seconds to enable Boost mode. In this mode, Pump 1 high speed and the ozonator will run for 45 minutes. When enabled, "boo" message is displayed. This mode is used to speed up filtration after intensive use of the spa or to help mix chemicals just added to the spa. Pressing any button will exit boost mode.

## PROGRAMMING THE SETTINGS

During a filter cycle:

- Pump 2, Pump 3 (Pump 4 & Pump 5 on an epic series spa) and the blower run for 20 seconds, then
- Pump 1 runs at low speed for the programmed number of hours (see below), and
- The ozonator is turned on.



Press the Filter button (pump 5 on epics) to enter into your filtration options. Your display will show "Sett" and from here you will be able to choose your settings.



Press your Filter/Pump 5 button again to display your first option. This is your Ozone Cycle Duration (if equipped).



Use your arrow keys to select your Ozone Cycle Duration. You can select from 1 to 24 hours per day.



Press your Filter/Pump 5 button again. Your display will now show the settings for your Onzen system (if equipped).



Use your arrow keys to select your Onzen Cycle Duration. You can select from 1 to 24 hours per day.



Press your Filter/Pump 5 button again. Your display will now show the settings for your Filter Duration.



Use your arrow keys to select your Filter Duration in hours. You can select from 0 to 6 hours.



Press your Filter/Pump 5 button again. Your display will now show the settings for your Filter Cycle Frequency.



Use your arrow keys to select your Filter Cycle Frequency from 1 to 4 times per day.

Please note:

You will see the options that are applicable to your spa. If you have neither ozone nor onzen, you will proceed directly into setting your Filter Duration. Also, though an Epic topside is of a different design, the steps are as shown.

You can move backwards through the settings by pressing the Pump 3 button (Pump 4 on Epic series spas). The Pump 1 button will allow you to exit without saving any changes. When you get to the end of the options, press the filter key one last time to save changes and begin a filter cycle immediately. If you do not press the filter key again your changes will be saved and the filter cycle will begin when you have programmed it to do so.

### 45 Minute filter cycle time-out:

If you turn a pump, blower or light on during a filter cycle, the cycle will be interrupted and will only resume 45 minutes after you (or the system) have turned the last active output off.

## TROUBLESHOOTING



"HL" error message is displayed.

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 spa cover and allow the water to cool down, then reset the breaker to reset the system.

"HL" error message is flashing

The system has shut down because the water temperature **in the spa** has reached 112°F (44°C). Only the **Smart Winter Mode** remains active. Do not enter the water! Remove spa cover and allow the water to cool down to 109°F (43°C). Call your dealer or service supplier if problem persists.



"FLO" error message is displayed.

The system detects no water pressure while a pump is running. Check and open water valves. Check water level. Clean filter or replace. Call your dealer or service supplier if problem persists.



"FLC" error message is displayed.

A problem has been detected with the pressure switch. Call your dealer or service supplier.



"Prr" error message is displayed.

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



4 dashes are displayed

The Processor has been damaged.... **Do Not Enter the Water...** this is usually caused by abnormal power fluctuations, call your dealer or service supplier.

\*If activated in Low-level programming the lights will flash when there is an error code present

