


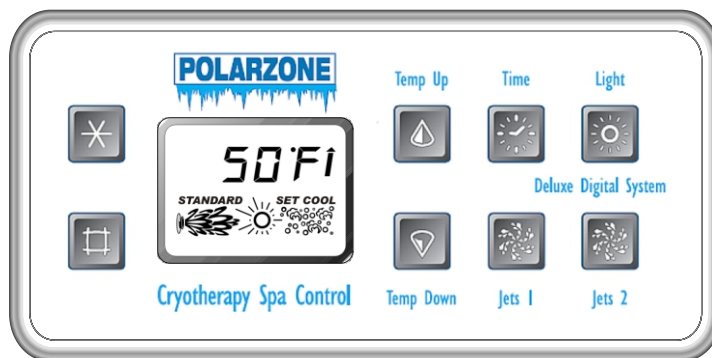


Polarzone Cryotherapy Spa Control Reference Card

Instruction card for the Polarzone Cryotherapy spa system equipped with *Deluxe Digital* control panel and our exclusive Triple Hurdle Sanitation System (THSS®).

Initial Start-up

When your spa is powered up, it begins running in an economy mode. This setting is designed for periods of little or no spa use, but the spa continues to filter twice a day to maintain water quality. Press the  pad to switch the spa to standard mode which will automatically cool and maintain the water at your desired set temperature.





Control panel pads

Temperature Adjustment (40°F - Room Temp)

Press either pad once, and the LCD will display the set temperature, as well as the words "COOL." Each time either of these pads is pressed again, the set temperature will increase or decrease. After three seconds, the LCD will automatically display the current spa temperature.

Jets 1 and 2

The operating sequence for pump 1 is as follows: pump 1 can be turned on and off using the touch pad  (Jet 1). Pump 1 may be running if the spa is calling for either cooling, or a preprogrammed filtration cycle.

Pump 2 is a two speed pump for the therapy jets. Pressing  (Jet 2) once will turn on low speed - pressing a second time will turn on high speed - pressing a third will turn the pump off. If left running, the low speed will automatically turn off after 4 hours; the high speed will turn off after 30 minutes.

Pump 1: Pump has only one speed. It will turn off when the water temperature is 2°F below the set temperature. It turns on again at 1°F above the set temperature. The pump always comes on during a filter cycle.

Automatic Features

Preset Filter Cycles

Your spa will automatically filter itself twice each day per user programmable filtration cycle. Pump 1, the ozone generator, and the ultraviolet light will run the duration of each filter cycle. We recommend programming the filtration cycles for continuous filtration during periods of **heavy spa use**. This will allow you to take full advantage of the Triple Hurdle Sanitation System (THSS™).

Filter 1

The first filter cycle is, by default, automatically activated at 8:00 AM and operates pump 1, the ozone generator, and the ultraviolet light until 10:00 AM. The spa will cool to the set temperature in the economy mode.

Time

Pressing this pad allows you to check the time of day and assists you in programming filtration cycles. Please see back side of reference card for further instructions.

Light

Your spa light has three settings. Press the pad once for brightest intensity, a second time for medium intensity, a third time for the dimmest setting, and a final time to turn the spa light off. After 4 hours, the light will automatically turn off.

Economy & Standard Modes

Press this pad to switch between modes. Standard mode maintains the set temperature at all times. Economy mode cools the water only during filter cycles. See the Optional Filter Cycle Programming section for more cooling options.

Filter 2

The second filter cycle is automatically activated at 8:00 PM and operates pump 1, the ozone generator, and the ultraviolet light until 10:00 PM. The spa will cool to the set temperature in the economy mode.

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System Programming

Setting the Time of Day

When the spa is first powered up, the words "SET TIME" will flash on the display. To set the time, press , then or .

After or is pressed once, the time will begin changing in one-minute increments. Press either pad to stop the time from changing. Press to enter your correct time into the system.

Optional 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 "COOL" is on the display, press or to desired water temperature during filtration cycle.

Press to see "SET STOP FILTER 1" and adjust the time with the or pads 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.

Locking the Panel

Press within 3 seconds. When locked, the display will show the temperature you have chosen, along with the lock symbol. All pads are frozen except the pad.

Unlocking the Panel

Press within 2 seconds. The lock symbol will disappear and all panel pads will work again.

Locking the Temperature

While setting your spa water temperature, after you have pressed or , press within 3 seconds to activate the lock. When locked, the center display will show the spa temperature along with the lock symbol.

Unlocking the Temperature

Press or then within 2 seconds.

Diagnostic Messages

Message	Meaning	Action Required
	No message on display. Power has been cut off to the spa.	The control panel will be disabled until power returns. Spa settings will be preserved for 30 days with a battery backup.
OH	"Overheat" - The spa has shut down. Either the spa water has reached 112°F or the high-limit sensor has detected 118°F at the chiller.	DO NOT ENTER THE WATER. Remove the spa cover and allow water to cool. At 110°F, the spa should automatically reset. If spa does not reset, shut off the power to the spa and call your dealer or service organization.
FLD	"Flow" (Flashing) - Flow of water is inhibited.	Check and open flow valves. Check for correct water level. Clean filter.
	"Flow" (Not flashing) - A pressure switch has malfunctioned.	Contact dealer or service organization.
ICE	"Ice" - Potential freeze condition is detected.	No action required. The pump will automatically activate regardless of spa status.
Sni	"Sensor 1" - Spa is shut down. High-limit sensor is not working.	Contact your dealer or service organization.
Sn3	"Sensor 3" - Spa is shut down. Water temperature sensor is not working.	Contact your dealer or service organization.

Thank you!

- The Polarzone Team

Please feel free to call our toll free number for technical support.

Warning! Shock Hazard! No User Serviceable Parts.

Do not attempt service of this control system. Contact your dealer or service organization for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a licensed electrician and all grounding connections must be properly installed.



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