

Sentry® Control System Reference Card

This card is provided as a handy reference for the general operation of the most often-used programming functions of the Sentry Spa control. Please refer to the spa owner's manual for detailed instructions.

TO VIEW OR SET DESIRED SPA WATER TEMPERATURE

Press either **UP** or **DOWN** to display the current temperature setting.

Each time either **UP** or **DOWN** is pressed within 5 seconds, the temperature setting increases or decreases by one degree.

After 5 seconds, the display returns to showing the actual water temperature.

TO VIEW OR SET TIME OF DAY

Press **DISPLAY** to view the time of day. Then press **MODE** and **DISPLAY** within 5 seconds to display the hour. Adjust by pressing **UP** or **DOWN**.

Press **DISPLAY** again to display minutes. Adjust by pressing **UP** or **DOWN**.

After 5 seconds, the display returns to showing the water temperature.

TO VIEW OR CHANGE FILTER CYCLE PROGRAMMING

Press **CYCLE**. The LCD screen displays the start time for filter cycle #1. To view the start time for other cycles, press **CYCLE**. To view the duration press **SELECT**. To change any of the values displayed, press either the **UP** or **DOWN** arrow. After 30 seconds, or upon pressing **DISPLAY**, the LCD screen returns to showing the water temperature.

PANEL LOCK

To deactivate the command center, press **DISPLAY**, **MODE**, and **UP** within 5 seconds.

To reactivate, press **DISPLAY**, **MODE** and **DOWN** within 5 seconds.

TEMPERATURE SETTING LOCK

To lock the temperature setting, press **UP**, **DISPLAY**, **MODE** and **UP**, within 5 seconds. To unlock, press **DISPLAY**, **MODE** and **DOWN** within 5 seconds.

LOCKING THE FILTER CYCLE PROGRAMS

Press **CYCLE** then, within 30 seconds, press **DISPLAY**, **MODE** and **UP**, within five seconds each. Unlock by pressing **DISPLAY**, **MODE** and **DOWN** within five seconds each.

Sundance Spas®

Sentry Spa Control Display Messages

Following are messages which may appear on your control's display:

MESSAGE	MEANING	ACTION REQUIRED
COOL	Water is 20° F or more below set temperature.	No action required. Lo-Speed pump and heater activate until temperature reaches 15° F below set temperature.
Hold	Command Center is temporarily deactivated. Sensors have been over used.	Avoid pressing sensors for 30 seconds. Command Center will automatically return to normal operation.
FLO	Heater is deactivated. (Pump may also deactivate.) Proper flow of water is inhibited or the flow switch has malfunctioned.	Check for proper water level. Check for clogged filter. Consult manual for priming instructions. Contact dealer or service organization.
ICE	Potential freeze condition has been detected.	No action required. Pump(s) operate until spa is out of danger.
Sn1	Heater is deactivated (spa may also be disabled) Heater sensor is non-functional	Contact dealer or service organization.
Sn3	Heater is deactivated. Main temperature sensor is non-functional.	Contact dealer or service organization.
OH	Heater is deactivated. Overheat protection.	Consult "Troubleshooting" section of owner's manual.
----	Spa is deactivated. Problem has been detected which could cause damage to components.	Contact dealer or service organization.
PnL	Communication between control panel and circuit board is faulty.	Contact dealer or service organization.
HOT	Circuit board temperature has exceeded acceptable limits. Air blower will activate for 20 minutes to provide air flow through equipment compartment.	If condition persists, provide shade for the equipment side of the spa. If condition continues, contact dealer or service organization.