

# Value Control System

## Quick Reference Card

### Start-up

Your spa control has been specifically designed so that by simply connecting the spa to its properly grounded source, the spa will function properly and safely at a set temperature of 100°F.



### Temperature Adjustment (40°F - 104°F)

To display the set temperature, press “Temp”  once.

To change the set temperature, press the pad a second time before the display stops flashing. Each press of “Temp”  will continue to either raise or lower the set temperature.

*(While decreasing the temperature in Standard mode, the display will show the decreasing temperature by 1°F until 80°F is reached; at that time the display will show the decreasing temperature by 5°F until it reaches 40°F.)*

If the opposite direction is desired, release the pad and let the display revert to the actual water temperature. Press the pad to display the set temperature, and again to make the temperature change in the desired direction.

After three seconds, the display will automatically show the current spa temperature.

### Jets

Press “Jets”  to turn on the low speed of the pump. Press the pad again to turn on the high speed of the pump. Press the pad a third time to turn off the pump. If left on, the low speed will turn off after 4 hours; the high speed will turn off after 30 minutes.

### Blower

Press “Blower”  to turn the blower on and off. If left on, the blower will automatically turn off after 30 minutes.

### Light

Press “Light”  to turn the spa light on and off. If left on, the light will automatically turn off after 4 hours. (Over)

## Preset Filter Cycles

Your spa will automatically filter itself twice a day. The first filter cycle will start one minute after the spa is powered up. The second filter cycle will begin twelve hours later. Filter cycle duration settings are 2, 4, 6, 8 or 12 hours. The default filter cycle duration is 2 hours. Press “Temp”  then “Jets”  to program. Press “Temp”  to adjust. Press “Jets”  to exit programming.

The low speed of the pump and the ozone generator will run for the duration of the cycle. The blower will run briefly at the start of the first cycle to clean out the air channel.

## Freeze Protection

If the high-limit sensor detects 40°F at the heater, then the pump automatically activates to provide freeze protection. The equipment stays on until the sensor detects 45°F at the heater. Freeze protection is enabled regardless of spa status. In colder climates, an optional **additional** freeze sensor may be added to protect against freeze conditions. See your dealer for details.

## Display Messages

### **OH** Overheat Protection (Spa is shut down)

DO NOT ENTER THE WATER. Overheating may occur if the filter cycle is set too long. If the spa water has reached 112°F, remove the spa cover to cool the water. When the water cools to 110°F, the spa should reset itself.

If the high-limit sensor detects a temperature of 118°F at the heater, the spa will shut down. If this occurs, you must wait for the water to cool to 110°F, then press any button to reset the spa. If the spa will not reset, shut off the power to the spa and call your dealer or service organization.

### **FL** Flow Switch Detection

A pressure switch is not working. Call your dealer or service organization.

### **Sn** Sensor (Spa is shut down)

The high-limit sensor or water temperature sensor is not working. Call your dealer or service organization.

### **Warning! Shock Hazard! No User Serviceable Parts.**

Do not attempt service of this control. 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.