

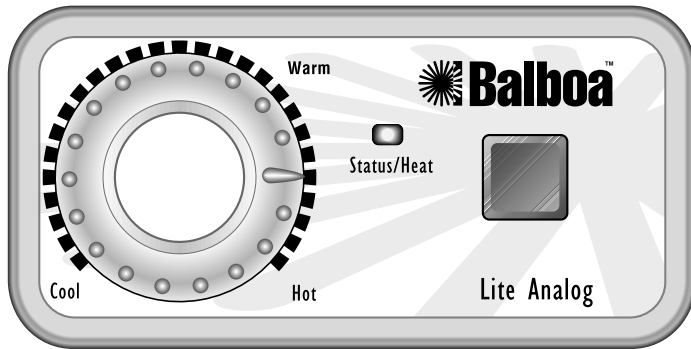
1-Button Duplex Control Reference Card

This card is provided as a quick reference for operating the 1-button Duplex Control. Please refer to the spa owner's manual for complete instructions.

Initial Start Up

Your spa control has been specifically designed so that by simply connecting the spa to its properly grounded source, the spa will automatically heat to the set temperature.

Note: Actual spa operation may vary depending upon manufacturer selected features.



Temperature Adjustment

Spa temperature is adjusted at the control knob. (Minimum temperature = 65°F {18°C}, Maximum temperature = 104°F {40°C}.)

Pump, Blower, and Light Control

Touch the control pad once to activate the high speed of the pump. Touch the pad again and both the high speed of the pump and the blower will run. Press the pad a third time and the high speed of the pump, the blower, and the spa light will be operating. Press the pad a fourth time and only the blower and the spa light will be on. Press the pad again, and only the spa light will be on. Press the pad a final time to turn off the spa light. Each feature will automatically turn off after some period of operation.

(Note: If the system is in 20A mode, the blower will revert to a lower speed if the high speed of the pump is on.)

Preset Filter Cycles

Your spa will automatically filter itself twice each day. During filtration, the low speed of the pump will activate. The first filter cycle will begin two hours after the spa is energized. The second filter cycle will begin twelve hours after the start of the first cycle. If your spa has a blower cleanout feature, the blower will activate for a short period of time at the start of the first filter cycle to clean out the air channel. Filtration duration is set by the dealer for two or five hours at the time of delivery. Contact your dealer if a different value is required.

(over)

Status/Heat LED

The Status/Heat LED is lit when the spa is heating, and flashes to indicate a safety feature condition.

Freeze Protection

If the high-limit sensor detects 40°F (4°C) at the heater, then the pump automatically activates to provide freeze protection. The equipment stays on until the sensor detects 45°F (7°C) 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.

Safety Features

Overheat Protection (Spa is shut down)

DO NOT ENTER THE WATER. If your spa should overheat, the status/heat LED will flash (one second on, one second off) and the spa will shut down. Turn off all power to the spa and contact your dealer or service organization. Overheating may also occur if the filter duration is set too long at the time of installation. To reset the spa, press the panel button.

Flow Switch Detection

If a pressure switch malfunctions, the status/heat LED will indicate the condition by briefly flashing "ON", once per second. Contact your dealer or service organization.

Open Sensor (Spa is shut down)

If the high-limit sensor or water temperature sensor malfunctions, the status/heat LED will indicate the condition by briefly flashing "OFF", once per second. Contact 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.

