

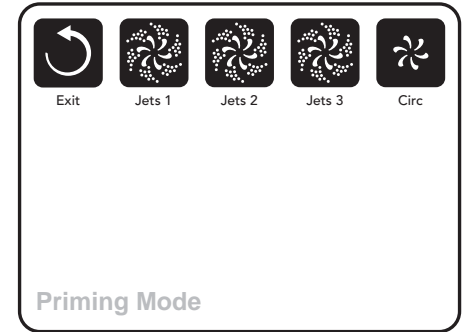
# Colossus Series Quick Reference Card



## Start Up

When power is switched on to supply power, a logo screen will appear on the display. If no button is pressed, a **LINK** message will appear. Press any button to link the panel with the system.

Soon after power-up, the spa will enter **Priming Mode** and the Spa Screen will appear. Navigate to the **Jets Buttons** by using the Up, Down, Left, and Right Buttons (⬆️ ⬇️ ⬅️ ➡️). When a particular Jet button is highlighted, press Select (⊙) to turn that pump on and off, verifying that all air is purged from the plumbing, *particularly the plumbing associated with the heater (Heater Pump)*. If the spa uses a circulation pump, the **Circ Button** (⊗) can be used to manually turn the Circ Pump on and off during Priming Mode only. Priming Mode will end automatically in 4 minutes. Selecting the **Exit Button** (↺️) will exit Priming Mode manually and the Main Screen will be displayed. When Priming Mode ends (and the spa is in Ready Mode), the Heater Pump will start, yet the water temperature will not appear until the water temperature is recognized by the system. If the water is below the **Set Temperature**, the heater will start.



## Basic Operation

The **Set Temperature** is changed by navigating to the left while on the **Main Screen**. Once the Set Temperature is highlighted, adjust the temperature using the Up and Down Buttons. (The Set Temperature and the actual water temperature are often different.) Press-and-hold for faster adjustment. The new Set Temperature is programmed immediately and the spa will now heat to the new Set Temperature.

## Programming

*Refer to the TP900 User Guide (40985) for detailed operation, programming and message instructions.*

Navigating the deeper menu structure is done by selecting one of the items on the right side of the **Main Screen**. Selecting "Settings" will allow access to a variety of programming functions.

Depending on the screen displayed, waiting between 10 and 30 seconds will allow the panel to return to normal operation and a display of spa status.

# Colossus Series Programming Highlights



## Filtration

The system is factory-programmed with one filter cycle (Be sure to set the time-of-day properly). The filter time and duration are programmable. Refer to the *TP900 User Guide (40985)* for detailed instructions.

A second filter cycle can be enabled as needed.

## Dual Temperature Ranges

This system incorporates two temperature range settings with independent set temperatures. The **High Range** can be set between  $80^{\circ}\text{F}$  and  $104^{\circ}\text{F}$ . The **Low Range** can be set between  $50^{\circ}\text{F}$  and  $99^{\circ}\text{F}$ . Low Range may be economical during non-use periods. See "Settings" on the Main Screen.

Restricted temperature ranges may determined by the manufacturer.

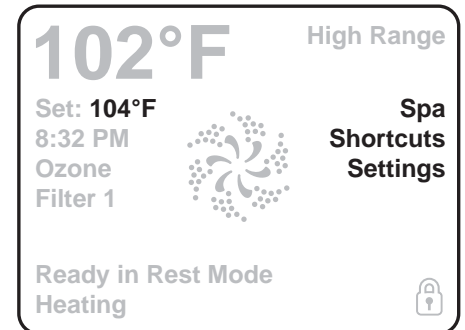
## Ready and Rest Modes

If the filtration pump is a 2-Speed Pump 1, **Ready Mode** will circulate water every 1/2 hour, using Pump 1 Low, in order to maintain a constant water temperature, heat as needed, and refresh the temperature display. This is known as "polling."

**Rest Mode** will only allow heating during programmed filter cycles. Since polling does not occur, the temperature display may not show a current temperature until the filtration pump has been running for a minute or two. **Ready in Rest Mode** may appear when Jets 1 is activated.

## Complete Reference

Download the complete User Interface and Programming Guide at [http://service.balboa-instruments.com/zz40985\\_download.zip](http://service.balboa-instruments.com/zz40985_download.zip)



Manufactured under one or more of these patents. U.S. Patents: 5332944, 5361215, 5550753, 5559720, 5,883,459, 6253227, 6282370, 6590188, 6976052, 6965815, 7030343, 7,417,834 b2, Canadian Patent: 2342614, Australian patent: 2373248 other patents both foreign and domestic applied for and pending. All material copyright of Balboa Water Group.