

TP400 Quick Reference Guide

TP400



Start up

When the spa is switched on, a start up sequence of numbers will appear on the display. If no button is pressed, LINK will appear after the start up sequence. Press any button to link the panel with the system.

The spa will enter Priming Mode. After Linking, press the Jets Button(s)  to turn the pumps on and off to verify that all air is purged from the plumbing, particularly the plumbing associated with the heater. If the spa has an Eco Filtration Pump, the light  Button turns the Circ Pump on and off during Priming Mode. Priming Mode will end automatically in 4 minutes. Pressing Temperature Button Down  will exit Priming Mode manually. When Priming Mode ends, Pump1 low will start if no Circ Pump is present, however the water temperature will not appear for a minute or so. Once the water temperature is recognized by the system, and if it is below the Set Temperature, the heater will start.

Default Pre-Set

The default preset temperature is 38C in Ready Mode. The Filter Cycles are 8:00 to 12:00 and 20:00 to 0:00

Temperature Adjustment

TP600 touch pad has the Up  and Down  buttons as Temperature Buttons. While TP400 only has a single Temperature Button.

Press the Temperature Button  once and the current Set Temperature will begin to flash on the LCD. (The Set Temperature and the actual water temperature are often different.) While the numbers are flashing, press the Temperature Button again to change the Set Temperature. Press-and-hold for faster adjustment. After the new Set Temperature stops flashing, in about 10 seconds, the actual temperature is displayed again and the new Set Temperature is programmed. The spa will now heat to the new Set Temperature as needed.

Set the Time-of-day

Press , then press  repeatedly until 'TIME' appears in the LCD. Press  to select the hour and press  to set. Press  to select the minute and then press  to set the minute. Press  or wait for 10 seconds to go back to the Main Screen.

Dual Temperature Ranges (High Vs Low)

This system incorporates two temperature range settings with independent set temperatures. The High Range is indicated in the display Range up . The Low Range is indicated in the display Range down .

To change the Temperature Range, press  then , and press  to toggle the Range arrows in the LCD. Press  or wait for 10 seconds to go back to the Main Screen.

These ranges can be used for various reasons, with a common use being a 'ready to use' setting Vs a 'vacation' setting. Each range maintains its own set temperature as set by the user. This way, when a range is chosen, the spa will heat to the set temperature associated with that range.

High Range can be set between 26.5°C to 40°C.

Low Range can be set between 10°C to 36°C.

Setting Ready and Rest Mode

READY mode will circulate water every 30 minutes in order to maintain a constant water temperature, heat as needed, and refresh the temperature display.

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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 heater pump has been running for a minute or two.

Press , then press  repeatedly until 'MODE' appears in the LCD. Toggle between READY and REST by pressing . Press  or wait for 10 seconds to go back to the Main Screen.

Flip (Invert Display)

TP600 has a dedicated FLIP button, which allows the user to flip the display with a single button-press.

TP400 has no FLIP button. To get the display flipped, press , then press  repeatedly until 'FLIP' appears in the LCD. Press  to toggle the inversion of the segmented characters. Press  to go back to the main screen.

Lock

The control can be restricted to prevent unwanted use or temperature adjustments. Locking the Panel prevents the controller from being used, but all automatic functions are still active. Locking the Temperature allows jets and other features to be used, but the Set temperature and other programmed settings cannot be adjusted.

Lock the Temperature

Press , then press  repeatedly until 'LOCK' appears in the LCD. Press  3 times, then press .

Lock Panel

Press , then press  repeatedly until 'LOCK' appears in the LCD. Press , , , , .

Unlock the Temperature and the Panel

Press and hold  button and press  twice. The panel will be unlocked after 3 seconds.

Hold

Hold Mode is used to disable the pumps during functions like cleaning or replacing filters. Hold Mode will last for 1 hour unless the mode is exited manually. If the spa service requires more than an hour, it is best to simply turn the spa off at the main power supply.

Press , then press  repeatedly until 'HOLD' appears in the LCD. Press . To terminate the 'HOLD', press  twice.

Setting Filter Cycles

The system is factory-programmed with two filter cycles that will run in the evening and morning. The filter time and duration are programmable. The second filter cycles can be disabled as needed.

Press , then press  repeatedly until 'FLTR 1' appears in the LCD. Press  twice, the start time will show and the hour will flash. Press  repeatedly to set the hour. Then press  to select the minutes. Press  to set the minutes.

Press the  then , the 'FLTR 1' length in hours will show and the hour will flash. Press  repeatedly to set the hour. Then press  to select the minutes. Press  to set the minutes.

Press  3 times, the 'FLTR 2' will appear in the LCD. Press ,  then , the start time will show and the hour will flash. Press  repeatedly to set the hour. Then press  to select the minutes. Press  to set the minutes.

Press the  then , the 'FLTR 2' length in hours will show and the hour will flash. Press  repeatedly to set the hour. Then press  to select the minutes. Press  to set the minutes.

Wait for 30 seconds to go back to the Main Screen.

Preferences

Set between °F and °C. Press  then press  until F/C appears. Press  and select the mode of temperature you require °F or °C.