

**CAUTION:** Drain waste water may contain chemical residue and unsanitary contaminants which could be a hazard to health or the environment. Drain to specified sanitary sewer only.

# UHS System Operation






If not UHS see next pages.


## Initial Start-Up

From the moment your spa is plug in, it is automatically pre-set to operate until it reaches 38°C (100°F). This process could take up to 20 hours depending on the initial water temperature. The spa is also preset to filter the water for 1 hour per day (30) and the clock starts the second you plug it in.






### Temperature Adjustment 15.5°C-40°C (60°F-104°F)

When either of the Accu-temp pads   are pressed once, the LCD will display the temperature which has been set. Each time either one of these pads are pressed again, the temperature will change by 0.556°C (1°F). After 5 seconds, the LCD will automatically display the current spa temperature.

**Jets.** Press the  pad to run the pump on and off. If left running, the pump will automatically turn off after 15 minutes.

**Light.** Press the  pad to turn the spa light on and off. If left on, the light will automatically turn off after 4 hours.

### Spa Water Maintenance. This function enables you to program the amount of water filtration time.

Press  or  and then  to enter the programming mode. Once in the programming mode press  or  to select the filtration time.




00 In this mode there is no additional filtration.

30 In this mode the water will be filtered for 1 hour every day.

60 In this mode the water will be filtered for 2 hours every day.

To exit press 

### Standby Mode

This function allows you to disable the equipment when the filter needs to be serviced without disturbing the already programmed filtration time. Press  or  and then  to enter the standby mode. All spa functions are disabled except for freeze control. To exit from standby press any button.

### Display Messages:

#### OH "Overheat" (spa is deactivated)

DO NOT ENTER THE WATER. If the spa water has reached 44°C (108°F), Remove the spa cover to cool the water. The spa will remain shut down until the water and the heater sensor cools to 40°C (104°F). At that point 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.

#### SN "Non Functional High Temp Sensor" (heater is deactivated)

Open sensor. Call your dealer or service center.

# UHH & UHP System Operation



If not UHH or UHP see previous or next pages.

## Initial Start-Up

When your Spa is first activated, it will perform a self diagnostics test showing a series of numbers followed by Pr, then by --along with the low speed pump for approximately 7 minutes. Also the internal clock that keeps track of the filtration cycles every 12 hours will start at that point. The system is preset to heat up to 37.7° C (100° F) and it is also preset to run on low speed for two hours (F2).

## Temperature Adjustment

21°C-40° C (70° F-104° F)


When either of the temperature pads




are pressed once, the LCD will display the temperature witch has been set.

Each time either one of this pads are pressed again, the temp. will change by .556°C(1°F), After 5 seconds, the LCD will automatically display the current spa temperature.

## Jets

Press the  pad to run the pump on and off. If left running, the high speed pump will automatically turn off after 15 minutes or low speed in four hours.

## Light

Press the  pad to turn the spa light on. To switch color modes, press the pad again immediately after turning it off. If left on, the light will automatically turns off after four hours.

## Spa Water Maintenance

This function enables you to program the amount of water filtration time.

Press  ,  and  to enter the programming mode.

Once in the programming mode press  or  to select the filtration time.

**F2** In this mode the water will be filtered for 2 hours every 12 hours.

**F4** In this mode the water will be filtered for 4 hours every 12 hours.

**F6** In this mode the water will be filtered for 6 hours every 12 hours.


**F8** In this mode the water will be filtered for 8 hours every 12 hours.

**Fc** In this mode the water will be filtered continuously.

To exit press  .

## Standby Mode (SY)

This function allows you to disable the equipment when the filter requires service without disturbing programmed filtration time.

Press  repeatedly (or hold it down) until it gets to 21 ° C (70° F) then press it one more time (within a couple of




seconds) to enter the stand by mode. All spa functions are disabled except for freeze control. To exit from standby press any button and re-enter desire set temperature.

For additional features and display messages, see next pages.

**WARNING: SHOCK HAZARD! NO USER SERVICEABLE PARTS.** Do not attempt to service this control. Contact your dealer or service center for assistance. Follow all owner's manual power connection instructions. Installation must be performed by a certified licensed electrician and all grounding connections must be properly installed.

# UHH & UHP ADDITIONAL FUNCTIONS

## Spa heating modes

The Heating Mode offers the ability to control your heater in special circumstances. Your spa is preset at the factory to Standard Mode. However, the Standard Heating Mode can be changed to Economy or Sleep by pressing the  or  then  button. With each press of the buttons, the display will cycle through the three different modes described below.

**Standard Mode (ST):** Your spa is preset to this mode. This mode operates the heater whenever needed to maintain the programmed spa water temperature. (See Temperature Adjustment page 10).

**Economy Mode (EC):** This mode operates the heater only during programmed Filtering Cycles (See Spa Water Maintenance page 10). This mode is ideal for areas that charge a premium for electricity during peak hours. This mode will maintain the thermostat setting. If it does not reach the thermostat setting, you may have to allow for more heating time by increasing the Filtration Cycles.

**Sleep Mode (SL):** This mode works in the same manner as the Economy Mode except the thermostat setting is automatically lowered by 20 degrees. This mode is best suited for extended leaves from home when it is not important to maintain constant water temperature, such as vacations or business trips.

### Summer Set Temperature

In hot weather, it is possible for water temperature to exceed the temperature setting. This is especially common when your temperature setting is lower than air temperature. If the water temperature exceeds the temperature setting more than 3°, an automatic safety circuit will turn off all of the electrical systems. The systems will remain off until either the water temperature cools to below the setting, or the setting is increased above the water temperature.