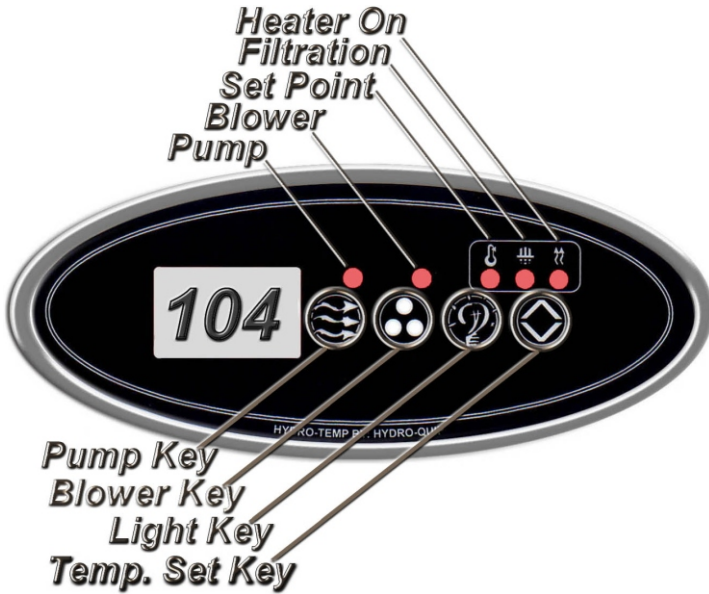


# ECO-2 SPASIDE REMOTE CONTROL INSTRUCTIONS



**High Temperature:** If the spa water temperature exceeds 115°F at the high-limit sensor 3 flashing dots will appear below the temperature display and the heater will be turned off. During this time all other outputs (pump, light etc.) will continue to operate. If the spa water temperature exceeds 122°F at the high-limit sensor the heater and all outputs will be disabled. Once the spa water has cooled it will be necessary to cycle power to the spa off then on again to reset the system for normal use.

**Programming Filter Cycle Frequency:** You may choose to filter the spa 1, 2 or 3 times per day as required to keep the water clean and sanitary. Press and hold the Pump Key. The current setting will be displayed. Press and hold the Temperature Set Key to increase or decrease the frequency of the filtration cycles per day. The filter cycle is now set. To start a filter cycle immediately, press and hold the Pump and Temperature Set keys. The cycles will repeat every 8, 12 or 24 hours within a 24-hour period **starting from the time programmed**. It is recommended to schedule the filtration cycles so they do not interfere with sleeping hours.

**Programming Filter Cycle Duration:** You may choose to filter your spa 60, 120, 180 or 480 minutes per cycle as required to keep the water clean and sanitary. Press and hold the Light key. The current duration of the filter cycle will be displayed. Press and hold the Temperature Set key to increase or decrease the duration of the filter cycle. The duration is now set. To start a filter cycle immediately, press and hold the Light key.

**Default System Operation:** When power is applied, or there is a temporary loss of power, the system will initiate its default programming. The filter cycle will begin 24-hours after the system has been powered up. The filtration cycle will be active for 1-hour and will repeat every 24-hours. The temperature will be maintained at 95°F.

**Pump Key:** Press this key once to turn the pump onto low speed, press this key a second time to turn the pump onto high speed and a third press will turn the pump off. A built-in timer will turn the pump off after 20-minutes of continuous operation unless done so manually. The Pump indicator light will illuminate during pump operation. If the Filtration indicator is illuminated, a filtration cycle has begun and the pump cannot be turned off.

**Accessory Key:** Press this key turn the accessory on, a second press will turn the accessory off. A built-in timer will turn the accessory off after 20-minutes of continuous operation unless done so manually. The Accessory indicator light will illuminate during accessory operation.

**Light Key:** Press this key turn the light on, a second press will turn the light off. The light will automatically shut off after 2-hours. The Light indicator will illuminate while the light is on.

**Temperature Set Key:** Press and hold the Temperature Set key to increase or decrease temperature (press, release, then press and hold to decrease). The temperature can be adjusted in 1F increments from 59F to 104F (5C to 40C). The new setting will remain on the display for 5 seconds as a confirmation. During this time the Set Point indicator will illuminate to let you know this is the desired and not the actual temperature. After 5 seconds the display will return to the current temperature reading. When the temperature drops to 1F below the set temperature, the heater will be turned on until the temperature is 1F above the set temperature. The heater indicator will appear while the heater is on and flash when there is a call for heat and the heater has not yet been activated.

**Freeze Protection:** If the spa water temperature drops below 59°F the "Smart Winter Mode" will be activated for a period of 24-hours. If the pump has not been activated in the last 2-hours it will be turned for a period of 1-minute. This frequency will decrease as the temperature drops. If the spa water temperature drops to 49°F the pump and heater will be activated until the spa water temperature reaches 50°F. While in this second mode of freeze protection, control over the spa will be disabled until the water has heated sufficiently. The Filtration indicator will be illuminated while in this mode of operation.

## Error Identification & Service



If 3 flashing dots appear below the temperature display an error and a need for service has occurred. (Contact Your Local Dealer for Service)



If the actual spa water temperature greatly differs from the displayed temperature or the display reads a constant 33°F, a temperature sensor error and a need for service has occurred. (Contact Your Local Dealer for Service)



If 3 flashing below the temperature display and the temperature displayed is 115°F or higher, and over temperature condition and a need for service has occurred. (Contact Your Local Dealer for Service)

**NOTE:** If you notice the pump coming on for seemingly no reason throughout the day, the system may be in "Smart Winter Mode". If you cannot control some functions of the spa be sure to check to see if the Filtration indicator is illuminated. The spa may be in the midst of a filtration cycle. Freeze Protection and Over temperature condition will also limit or disable spa functions.



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