

- In 50A or 30A logic, the heater turns on for 10 minutes then turns off. Then pump 1 and pump 2 turn on for 10 minutes, then turn off. The spa will alternate between the heater and the pumps being on and off until the spa gets out of the freeze condition.

Note: The pumps cannot be manually controlled while the Freeze condition is active. If a button is pushed, the error message will go away, but will reappear if the spa is still in the Freeze condition 5 minutes later. This error commonly occurs when the spa is first filled because tap water is often very cold.



**WARNING: RISK OF HYPERTHERMIA (OVER-HEATING)
CAUSING SEVERE INJURY, BURNS, OR WELTS.**

6. Emergency shutdown: Water temperature is above acceptable limits. **DO NOT ENTER SPA!** (spa is deactivated) A problem has been detected which could cause damage to the spa or its components. Contact your authorized dealer or service organization.
7. Open sensor: The temperature sensor is not functional. Heater is disabled. This must be repaired only by a qualified authorized service organization or service technician.
8. Shorted sensor: The temperature sensor is not functional. Heater is disabled. This must be repaired only by a qualified authorized service organization or service technician.
9. Open sensor: The hi-limit temperature sensor is not functional. Heater is disabled. This must be repaired only by a qualified authorized service organization or service technician.
10. Shorted sensor: The hi-limit temperature sensor is not functional. Heater is disabled. This must be repaired only by a qualified authorized service organization or service technician.
11. Start-up malfunction: Flow switch is non-functional. Closed or shorted flow switch on system start-up (system disabled). This must be repaired only by an authorized dealer or qualified service organization.
12. Open Flow Switch: (Heater is deactivated. The filter/circulation may also be deactivated). The flow switch is malfunctioning open, the circulation pump's filter cartridge is excessively dirty, or an air lock condition has occurred at the circulation pump intake. Contact your authorized dealer or service organization.
13. Closed Flow Switch: (Heater is deactivated. The filter/circulation may also be deactivated). The flow switch is malfunctioning closed. Contact your authorized dealer or service organization.

14. Audio Communication Malfunction: Communication between the control panel and audio system is faulty. Shutdown power to the spa, wait 3 seconds and restart the spa to reset the communication. Contact your authorized dealer or service organization.

15. Blinking Heater icon: This icon will blink on and off to indicate that:

- The temperature sensor is sensing a -20°F/6°C difference between the actual and set temperature or;
- The temperature sensor is sensing a temperature above 112°F/44°C or the hi-limit temperature sensor is sensing a temperature above 116°F/46°C.



16. Extended Temperature Activated:
The spa is set to go up to 104°F (40°C), but it can be set to reach 106°F (41°C). To access the



Figure A

extended temperature you must press the "Up" (on the Quad Keypad) button and the button D at the same time for 2 seconds. The system will now allow you to raise the temperature to 106°F (41°C) and the LCD display will read "**EXTENDED TEMPERATURE ACTIVATED**" (Figure A). To clear this message, just press the Down button on the Quad Keypad to lower the temperature below or back to 104°F (40°C).

17. Please Check Filter!
This message will appear when the filter reminder time has expired (Figure B). Please remove the Proclear filters and filter bag for cleaning or replacement.



Figure B

18. Feature not installed: (Exterior lights)
This message will appear when a user tries to activate the exterior lights and they are not installed (Figure C). To clear the message press button D to return to Main Menu.

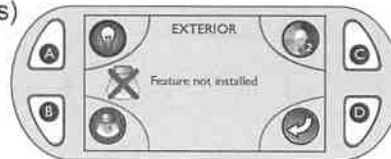


Figure C

19. Clear Settings 2 Programs

This message will appear when you choose to reset all settings 2 menu settings back to factory defaults (Figure D). You can either press the Splash button to reset or press the Previous button D to cancel.

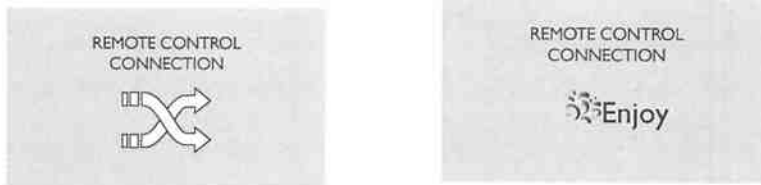
Figure D



20. Remote bonding screens

These message screens will appear when the wireless remote has been bonded to the spa and can now be used to control the spa functions (Figure E).

Figure E



17.0 Troubleshooting Procedures

In the unlikely event your spa is not working the way you believe it should, please first review all the installation and operating instructions in this manual and check the message on the panel display; second, if you are still not satisfied it is working properly, please follow the appropriate troubleshooting instructions.

PROBLEM	PROCEDURE
NONE OF THE COMPONENTS OPERATE (i.e. pump light)	Check the control panel lights. 1. If there are letters or symbols displayed on the screen, refer to the previous section to determine the meaning and action required. 2. If nothing appears on the screen: A. Check the household circuit breaker. B. Contact you dealer or authorized service center.
PUMP DOES NOT OPERATE AND ICON DOES	Activate the "JETS": 1. If no sound is detected or if a "buzzing" sound is detected, turn off power to the spa and contact your dealer or service center. 2. If motor operates but no water flows to jets: A. Pump may not be properly primed. See instructions below. B. Contact dealer or authorized service center.

Pump Priming Instructions:

1. Turn off power to the spa.
2. Remove the handle from the massage selector supplied by the pump you are priming.
3. Loosen the massage selector's cap slightly (counterclockwise), listening for the air to seep out.
4. Tighten the cap finger-tight, replace the handle and turn the hot tub's power back on.

Note: This method must be used for the jet's pumps because these pumps are not connected to the main filter system in any way.

CAUTION: If freezing conditions exist and pump is not operational, take measures to protect the system from freeze damage. See Section titled "Winterizing" (page 70).

- POOR JET ACTION
(see pages 22-32)
1. Make certain the jets pump is turned on.
 2. Check position of massage selectors.
 3. Open air control for selected jet system.
 4. Check for adequate water level.
 5. Check for dirty filter (page 67).
- WATER IS TOO HOT
1. Reduce thermostat setting (page 18).
 2. Switch hot tub to "Programmable" mode to turn heater on only during programmed filter cycles (page 60).
- NO HEAT
1. Check thermostat setting.
 2. Keep the cover in place while heating.
 3. If heater indicator is displayed, but no temperature increase is experienced after a reasonable period of time, contact your dealer or authorized service center.
- FILTER/CIRCULATION
PUMP OFF
1. Verify filter/circulation pump is programmed to run 12 hours a day (page 64).
 2. Filter/circulation pump cycle canceled by power interruption. Wait 24 hours for hot tub to reset.
 3. Hot tub water is warmer than 95°F (34°C) and two degrees warmer than the set temperature. The "Summer Logic" safety feature has activated. See note on page 64 for details.

Jacuzzi builds the best spas in the industry. Nonetheless, we are always striving to improve the quality and features of our products. Your input as a Jacuzzi spa owner is a cherished part of this process. If you have any comments or suggestions, or if you wish to be informed on any new products for your spa, please write to us.

CONGRATULATIONS on your good taste and welcome to the happiest and most relaxed family in the world!