

DIAGNOSTIC & TROUBLESHOOTING

Resetting Your Spa

Like your PC at home, your spa electronics could get corrupted by electrical surges and operate improperly. If your spa system is not operating properly or shows any of the following messages, please reset it before calling for service to see if the malfunction disappears.

SYMPTOM	MEANING	ACTION
Spa Inoperative	Power failure outside of spa.	Check power source Breaker and GFCI; Reset breaker/GFCI. Call Electrician if it will not start.
MESSAGE		
FLO FLO	Lack of water flow through Heater.	Remove filter and check for debris in filter and filter adapter. If "FLO" remains check for closed gate valves or see priming the pump.
HILI HILI	HILI message appears if the high-limit sensor detects 112F at the spa heater. DO NOT ENTER THE WATER.	Remove the spa cover and let the water temperature cool down to 104F. If your spa reaches 112F again, contact your dealer for service.
ICE ICE	Water in plumbing below 50 F Call for service if spa fails to come on.	No action required. Pump will come on to circulate water and then heater. Heater will stay on until water reaches 60 F or set temperature.
LS LS=0 LS=S LS, LS=0, or LS=S	Water temperature sensor	Reset spa. If message comes back, call for service.
SS SS=0 SS=S SS, SS=0 or SS=S	High Limit sensor	Reset spa. If message comes back, call for service.
Pb PB	Break in communication.	Reset spa. If message comes back, call for service.
CS CS	Current Sensor	Current sensor Inoperable. Check that it's connected to the board.
CP CP	Circulation pump may be faulty	Check that circulation pump is plugged in, If message comes back, call for service
BLO BLO	Blower error	Check fuse and then verify that the blower is plugged in, If message comes back, call for service
PS PS	Pressure Switch Error	Possible false error. Signal not being sent to spaside. If message comes back, call for service
HC HC	Heater Error	Replace Heater
LP HP LP or HP	Low Power or High Power	Voltage observed. Check power connections and rerun diagnostic test.
P1 P2 P1 or P2	Pump 1 or Pump 2 Error	Check plug for pump 1 or pump 2. Possible loose connection.
F1 F2 F1 or F2	Blower Fuse	Replace fuse 1 or fuse 2