

CODE

ERROR CODE DESCRIPTION

***	Flow/Pressure switch either Open or Closed
***	High Limit switch is faulty
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-1	Hi-Limit fault
-2	Temp sensor fault
-3	Flow/Pressure switch open
-4	Flow/Pressure switch closed
-7	Hi-Limit fault
—	Hi-Limit or Temp Sensor fault, water may be dangerously hot
—	Temp Sensor Calibration, after system shutdown/startup, not an error
1	Stuck Button on Keypad
2	No Controller Data being received
3	Temperature Sensor fault
4	Water Sensor/Pressure switch fault
5	Temp Sensor, or water is dangerously hot
6	High Limit manual reset on heater is tripped
7	Stuck Heater Relay
9	Water Pressure fault, pump may be airlocked, or water level low
131	Hi-Limit fault, water may be dangerously hot
A1/A2-ER	Auxiliary system error; blower, lights, music
AOH	Auxiliary system overheating; Equipment is running hot, or needs air
BJ2P	Hi-Limit fault – water may be dangerously hot
BL-ER	Blower error, faulty motor or closed valve
C4.4	Hi-Limit fault
C	Celsius, used to indicate panel is in Celsius mode
Cd, CLd	Cold – Freeze Condition detected
CE 01	Stuck Touchpad button
CE 02	No controller Data Communication
CE 03	Temperature Sensor fault
CE 04	Water Sensor/Pressure switch fault
CE 05	Temp Sensor, or water is dangerously hot
CE 06	High Limit manual reset on heater is tripped
CE 07	Stuck Heater Relay
CE 08	Temp Sensor Fault
CE 09	Water Pressure fault, pump may be airlocked, or water level low
CL	Current Time of Day; system message, not an error
COL	Cool – water is 20° below set point; system message, not an error
CoLd	Cold – water is 40° or less; system should self-start pump / heater
Cool	Cool – water is 20° below set point; system message, not an error

CP-ER	Circulation pump error
dr, dy, dry	Dry – low water volume detected in heater
E0	Short circuit temperature sensor
E1	Open circuit temperature sensor
E2	Short circuit Hi-Limit sensor
E3	Open circuit high Limit sensor
E4	Short circuit/closed pressure/flow switch
Ecd, Ecn, Econ	Spa is in Economy Mode; system message, not an error
EO	Short circuit temperature sensor
Er0, Er1	Temperature sensor fault
Er2, Er3	Hi-Limit fault
Er4	Short circuit/closed pressure/flow switch
err 1	Water Pressure fault, pump may be airlocked, or water level low
err 3	Stuck Button on Keypad
err 4	Water Sensor/Pressure switch fault
err 5	Temp Sensor, or water is dangerously hot
err 6	High Limit manual reset on heater is tripped
err 7	Stuck Heater Relay
err 8	Temp Sensor Fault
Err	Software Program Fault
Error 3	Stuck Button on Keypad
Error 4	Water Sensor/Pressure switch fault
Error 5	Temp Sensor, or water is dangerously hot
Error 6	High Limit manual reset on heater is tripped
Error 7	Stuck Heater Relay
Error 8	Temp Sensor Fault
F2	4 hours daily filtration; system message, not an error
F4	8 hours daily filtration; system message, not an error
F6	12 hours daily filtration; system message, not an error
F	Fahrenheit, used to indicate panel is in Fahrenheit mode
FB-ER	Fiber Optic error; accent lighting
FC	Filter Continuous mode; system message, not an error
FL1	Water Pressure fault, dirty filter, airlocked pump, low water level
FL2	Pressure switch fault; switch closed while pump is off
FL	Water Sensor/Pressure switch fault; water flow problem
FLC	Pressure switch fault; switch closed while pump is off
Fldu	Spa is in Filter mode; ; system message, not an error
FLO, Flo, FL1	Flow – inadequate water volume sensed by Flow / Pressure switch
FLO2	Flow – short circuit/closed circuit; pressure/flow switch
FLO (flashing)	Flow – short circuit/open circuit; pressure/flow switch
Flon	Spa is in Filter mode; ; system message, not an error
FN-ER	Fan error; cooling fan fault
FP, Fr, FrE	Freeze – water is 40° or less; system should self-start pump / heater

H2O	Water Pressure fault, pump may be airlocked, or water level low
HFL	Sensors out of balance, reporting different results
HiLi, HLEr	Water temperature above acceptable range
HL, HH, OHH	High limit sensor reading 118°, or above – check flow
Hold	Panel buttons pressed to many times or too quickly
HOT	Overheating, water over 112° F. Cool down procedure begins.
IC, ICE, ICE2	Freeze Condition detected; Warm up procedure begins.
ILOC	Interlock failure; check magnetic contacts on spa equipment door
L1, L2	Panel Lock; enter code to unlock control panel
LF	Persistent low flow problems.
LO	Freeze Condition detected; Warm up procedure begins.
LOC	Panel Lock; enter code to unlock control panel
O3-Er	Ozone error; check for operation and output
OH	High temperature condition, over 110°F. Spa may be partially deactivated or low speed pump (and air blower if equipped) may activate to lower temp
OHH	Overheat. One sensor has detected 118°. Spa has shut down
OHS	Overheat. One sensor has detected 110°. Spa has shut down
OP	Open circuit sensor
P1, P2 or P3-ER	Pump 1,2 or 3 error or failure
pd	Power supply interrupted, unit running on battery backup
PnL	Panel error; communication error between panel and circuit board
Pr	Priming – pump is starting; system message, not an error
Prh	Hi-limit sensor failure
Prr	Temperature Sensors Alarm
PS	Water Sensor/Pressure switch fault
PSoC	Pressure switch open on circulation
PSoH	Pressure switch open on high speed
PSoL	Pressure switch open on low speed
RH-HR	Heater Repair error
RH-NC	No Communication error; Panel to Board
RH-NF	No Flow in heater
RH-NH	No Heat, heater fault or failure
SA, SnA, SnH, Sb, Snb, Snt	Sensor Open Circuit or faulty
SE	Spa in Economy Mode; system message, not an error
SEoP	Sensor open or disconnected. Heater disabled but spa operational
SESH	Sensor short, nonfunctional. Heater disabled but spa operational
SH	Short circuit on temperature sensor
Sn1	Hi-Limit fault, water may be dangerously hot
Sn2	Temperature sensor fault, Heater deactivated
Sn3	Temperature sensor fault, Heater deactivated
SN	Temperature sensor fault, Heater deactivated
Sn	Sensors out of balance, reporting different results

Sna	Sensor plugged into jack A is not working. Spa is shut down.
Snb	Sensor plugged into jack B is not working. Spa is shut down.
SnH	Hi Limit circuit open or faulty
SnS	Sensors out of balance, reporting different results
SnT	Temperature sensor fault, circuit open or faulty
SP-F1,F2 or F3	Fuse 1,2 or blown
SP-HR	Hardware error
SP-IN	Input voltage low
SP-OH	Overheat – water temp over 112°
SP-OT	Overtemp – air temp around equipment is too hot, lack of air flow
Std	Spa in Standard Mode; system message, not an error