

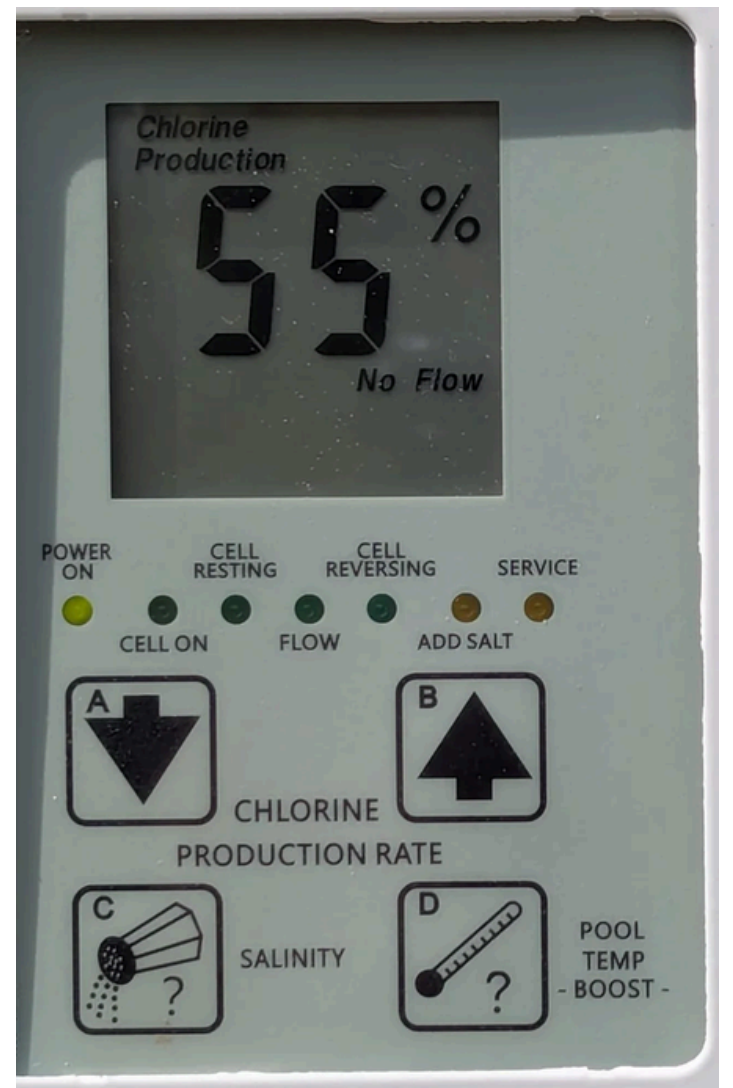
SALT SYSTEM TROUBLESHOOTING

JANDY

1. AQUAPURE

2. TRUCLEAR

JANDY AQUAPURE



PRIMARY QUICK RESET

Pump OFF → Power Center OFF at breaker → 10-15 sec → Pump ON → AquaPure ON

MOST COMMON FAILURE

Tri-Sensor drift (flow/temp/salt)

SALT RANGE

3000-3500 PPM

VOLTAGE/AMPS

22-30V / 4-7A (PLC1400)

CLEANING RULE

Only when amps drop or scale visible

JANDY

AQUAPURE

ERROR CODES

CODE 120 - LOW CURRENT

CODE 121 - LOW CURRENT DURING
REVERSE POLARITY

CODE 123 - LOW CURRENT -RECURRING

CODE 125 - CLEAN CELL

CODE 144 - LOW SALT*

CODE 172 - FLOW SENSOR FAULT

CODE 175 - FLOW SENSOR FAULT -
RECURRING

*LOW TEMPS CAN TRIGGER FALSE LOW
SALT ERR

JANDY

AQUAPURE

ERROR CODE TROUBLESHOOTING

CODE 120 - If <4 Amps - check/clean cell

CODE 121 - Power Cycle and clean cell

CODE 123 - Check salt, if salt is in range, the cell is bad*

*Low Temps can trigger false low salt

Err

CODE 125 - If cell is clean, tri sensor bad

CODE 144 - If salt is in range, sensor bad

CODE 172 - Boost pump speed, clean filter, if flow is good, sensor is bad.

CODE 175 - Unless flow, salt, or scale is persistently a problem, the sensor is failing, or has failed

JANDY TURCLEAR



PRIMARY QUICK RESET

Hold BACK 5 sec → SELECT

If stuck: full power cycle: TruClear off at breaker, pump OFF wait 15 sec → pump ON wait for flow → TruClear ON after flow is established

MOST COMMON FAILURE

Flow detection (RPM too low)

SALT RANGE

3000–3500 PPM

VOLTAGE/AMPS

Not displayed

CLEANING RULE

Only when output drops or scale visible

JANDY

TRUCLEAR

ERROR CODE TROUBLESHOOTING

LOW SALT - Check Salt. If salt is in range and error persists, cell is bad*

*Low Temps can trigger false low salt Err

NO FLOW - Boost pump speed and clean filter. If flow is good cell is bad

CHECK CELL - Can be flow, salt, or scale. Inspect all and reset at breaker if needed.

STANDBY 0% - clean cell, check flow, check salt, if on automation, check schedule.

CELL OFFLINE - Check power cord and cord connection at power center.

HAYWARD

1. AQUARITE 900

HAYWARD

AQUARITE 900



PRIMARY QUICK RESET

Switch OFF → 10 sec → AUTO → 5 sec →
SUPER CHLORINATE → 5 sec → AUTO
If stuck: full power cycle: AQUARITE
off at breaker, pump OFF wait 15 sec →
pump ON wait for flow → AQUARITE ON
after flow is established

MOST COMMON FAILURE

Flow switch not closing

SALT RANGE

2700–3400 PPM (IDEAL 3200)

VOLTAGE/AMPS

22–26V / 4.5–7.0A

High V + low A → cell failing

Low V → board failing

CLEANING RULE

When amps drop or instant salt unstable

HAYWARD

AQUARITE 900

ERROR CODE TROUBLESHOOTING

LOW SALT(below 2600ppm*) Check Salt.

If reading is different, reset:

(OFF → hold DIAGNOSTICS → AUTO)

*Low Temps can trigger false low salt Err

HIGH SALT -Test salt, if in range,

confirm cell type (see next slide)

NO FLOW - Boost pump speed and clean

filter. Check flow switch cable. If all is

good, flow switch is bad

CHECK CELL - Can be flow, salt, or

scale. Inspect all and reset at breaker if
needed.

INSPECT CELL - clean cell, check flow,

check salt,

HAYWARD

AQUARITE 900

CHANGING CELL TYPES

CELL TYPES:

TCELL940 - T-15

TCELL925 - T-9

TCELL520 - T-5

W3TCELL920ABG - T-5

TCELL320 - T-3

- 1. FLIP SWITCH TO AUTO**
- 2. PRESS THE DIAGNOSTIC
BUTTON 8X UNTIL IT SHOWS
THE CELL TYPE**
- 3. TOGGLE THROUGH THE
DIFFERENT CELLS BY FLIPPING
THE SWITCH FROM "AUTO" TO
"SUPER CHLORINATE" AND
BACK, UNTIL YOU GET TO THE
CORRECT CELL.**
- 4. PRESS DIAGNOSTICS ONE
MORE TIME TO SET.**

PENTAIR

1. INTELLICHLOR

2. INTELLICHLOR+

PENTAIR INTELLICHLOR



PRIMARY QUICK RESET

Hold MORE + LESS buttons together 5-10 sec

If stuck: full power cycle: CELL off at breaker, pump OFF wait 15 sec → pump ON wait for flow → CELL ON after flow is established

MOST COMMON FAILURE

Low flow (pump RPM too low for flow switch)

SALT RANGE

3000-4500PPM (IDEAL 3600)

VOLTAGE/AMPS

Not visible

CLEANING RULE

When amps drop or scale is visible

PENTAIR

INTELLICHLOR

ERROR CODE TROUBLESHOOTING

RED SALT LIGHT Check Salt. If reading is different, reset at cell, then breaker, follow conduit to transformer (picture on previous slide) and then to breaker box.

*Low Temps can trigger false low salt Err

HIGH SALT (flashing green salt light) -
Test salt, if in range, reset.

RED FLOW LIGHT - Boost pump speed and clean filter. If flow is good, flow switch is bad.

RED CELL LIGHT - Can be flow, salt, or scale. Inspect all and reset at breaker if needed.

PENTAIR INTELLICHLOR+



PRIMARY QUICK RESET

no reset from display. full power cycle: CELL off at breaker, pump OFF wait 15 sec → pump ON wait for flow → CELL ON after flow is established

MOST COMMON FAILURE

Incorrect Salinity reading

SALT RANGE

3000-4500PPM (IDEAL 3600)

*Will not produce over 4000ppm

VOLTAGE/AMPS

22-30V / 4-8A depending on model

CLEANING RULE

When output drops or scale is visible

PENTAIR

INTELLICHLOR+

ERROR CODE TROUBLESHOOTING

LOW SALT Check Salt. If reading is different, reset system at breaker.

*Low Temps can trigger false low salt Err

HIGH SALT-Test salt, if in range, reset.

RED FLOW LIGHT - Boost pump speed and clean filter. If flow is good, sensor module is bad.

RESET HMI - Reset cell and pump at

breaker. Once **SYS OFF/SENS ERR**

appears hold **INFO+BOOST** for **10**

seconds. Display should read **SPARE**.

Wait 30sec. If **SPARE** does not go away,

try to reset again. Inspect plug at

transformer for corrosion/damage. No

improvement: HMI Controller is bad.

PENTAIR

INTELLICHLOR+

OTHER ERROR CODE DEFINITIONS

ADD SALT: SALT IS TRENDING LOW

SYS OFF/SENS ERR: TEMPORARY ERROR
WHILE CELL IS REBOOTING

SPARE: HMI IS READY TO PAIR WITH
CELL AFTER REBOOT

CHECK CELL: INSPECT EVERYTHING.

CLEAN CELL: EFFICIENCY DROP
DETECTED, ONLY CLEAN CELL IF SCALE
PRESENT - CAN ALSO INDICATE END OF
LIFE

CELL FAULT: ENSURE VOLTAGE IS IN
RANGE, CHECK CABLE, INSPECT FOR
SCALE, RESET AT BREAKER

SANITIZER OFF: INSPECT EVERYTHING

OUTPUT LIMITED: LOW SALT, HIGH SALT,
COLD WATER, MARGINAL FLOW.

CELL RESTING: POLARITY REVERSAL -
NORMAL, WAIT 30SECS.

NO CELL/CELL NOT DETECTED: INSPECT
CABLE AND CONNECTION. RESET.
REPAIR HMI