

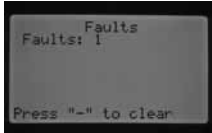
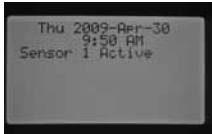


TROUBLESHOOTING

Problem	Causes	Solutions
No display.	<p>Check AC power to controller.</p> <p>14-Pin connector is not fully connected.</p> <p>Module locking bar is in the Power Off position.</p>	<p>Fix power supply.</p> <p>Connect ribbon cable on back of facepack door.</p> <p>Slide the module locking bar into the Power On position.</p>
<p>The display reads NO A/C Power.</p> 	No AC power present to operate controller/valves.	Check to see if the transformer is properly installed or power is coming out of it.
<p>Display reads Fault (OVERFLOW OR UNDERFLOW).</p> 	Overflow/Underflow alarm has occurred.	Check system for problems.
<p>Possible station short.</p> 		Check solenoid and field wiring.
<p>Display reads sensor is active.</p> 	The rain sensor is interrupting irrigation or not installed.	<p>Slide the Rain Sensor switch on front panel to the bypass position to bypass rain sensor.</p> <p>Check to make sure the jumper wire is connecting the sensor terminals if no rain sensor is being used.</p>
Station does not irrigate.	Field wiring or solenoid problem.	<p>Perform Manual Single-Station start and observe display and Station Status light.</p> <p>If Station Status light is RED, check solenoid and field wiring, including COM wires. Station outputs must not exceed 0.56A Max.</p>
The controller does not irrigate automatically.	<p>Possible programming errors.</p> <p>Sensor shutdown.</p> <p>Programmable Off in effect.</p> <p>Time/Date errors.</p>	<p>Verify all programs Days to water, start Times, and Station Run Times.</p> <p>Check display for fault indication.</p> <p>Check display for OFF days.</p> <p>Verify controller time and date, including AM/PM/24 settings.</p>

TROUBLESHOOTING

Problem	Causes	Solutions
Rain or other Clik sensor does not shut down system.	<p>Incorrect sensor type or connection (Jumper installed).</p> <p>Incorrect sensor settings for stations.</p>	<p>Use one normally-closed Clik-type sensor per sensor ports. Verify that one wire from each sensor is to each SEN1 or SEN2 terminals. Remove Jumper wire.</p> <p>Turn dial to SET SENSOR OPERATION and verify correct response for each station to the sensor.</p>
The controller repeats a program or continuously waters even when it should not be on / controller cycles over and over.	Too many start times (user programming error).	Only one start time per active Program is required. Refer to "Set Program Start Time" instructions.
Controller does not recognize output module (station size shown is incorrect).	<p>Module seated incorrectly.</p> <p>Module slot skipped.</p> <p>Station output module overloaded.</p>	<p>Verify that modules are seated all the way back in the wiring compartment and module lock is ON.</p> <p>Verify that no module slots have been skipped from left to right.</p> <p>Swap with known good module in the same position. If new module works in the position, replace the old module. If new known good module also fails to be recognized, check gold contacts for dirt, corrosion, or pests.</p>
Solar Sync Adjusting too low	Solar Sync Setting need to be adjusted	<p>Make sure controller dial is in the RUN position. Increase the value on the Water Adjustment scale (10 is max). Once the setting is changed, the controller will immediately be updated with the new Seasonal Adjust %. Increase the Water Adjustment setting until the desired Seasonal Adjust % is shown. If you max out the Water Adjustment scale at 10 and still require more Seasonal Adjust, move down to the next lower Region (from Region 4 to 3, for example).</p>
Solar Sync Adjusting too high	Solar Sync Setting need to be adjusted	<p>Make sure controller dial is in the RUN position. Decrease the value on the Water Adjustment scale (default setting is 5). Once the setting is changed, the controller will immediately be updated with the new Seasonal Adjust %. Decrease the Water Adjustment setting until the desired Seasonal Adjust % is shown. If you minimize the Water Adjustment scale down to 1 and still require a reduction in Seasonal Adjust, move up the next Region (from Region 2 to 3, for example).</p>