Problem	Causes	Solutions
UG1000 irrigation controller is not Receiving data from a sensor	• Sensor is out of range • Wireless signal is obstructed • Sensor is buried too deep or ground is heavily saturated • Dead battery	Excavate and power cycle sensor by inserting the magnet then removing it. Immediately after removing the magnet, a green LED light should flash through the clear backing. Confirm communication and rebury at best angle to above ground device -View best angle-
Cannot run a zone from the irrigation controller after installation	1. First confirm zone activation on the clock by looking for the flashing "Zone 1 ON" message at the top of the screen – message toggles between date/time 2. If the above is true, use a meter to verify that the UG1000 is delivering 24VAC to the zone terminal 3. If UG1000 is not energizing the zone because overcurrent, "OC" message will flash 4. UG1000 is not energizing the zone because of "NOT WIRED" detection 5. Bad solenoid or wiring to valve	1. If you do not see the "Zone ON" message, navigate to "Run Single Zone", highlight the zone, and press START 2. With the meter set to measure AC current, the meter should measure 24-28VAC. If not, reboot the controller and retry 3. Recheck wiring to ensure Zone and Common wire are installed properly 4. Turn OFF Detection in "Global Settings" and try again. If it still fails, verify proper wiring with Ohms reading from meter 5. If UG1000 is delivering voltage, go to valve and measure voltage at solenoid. If voltage is there, replace solenoid. If not, issue is with wiring between clock and valve
No power to the controller	1. Fuse blown in UG1000 2. No power from high voltage side. Main power is OFF 3. Bad transformer 4. Short with A-main board of UG1000	1. Remove and inspect glass fuse 2. Check 24VAC terminals on UG1000 to verify voltage to board 3. If no voltage, check 110 power source coming to clock before the transformer 4. Call UgMO support
Valve is stuck on and continues to water after irrigation cycle ends	1. Phantom power surge 2. Flow control valve is set too high 3. Worn or damaged valve diaphragm or debris stuck in valve	1. Use a volt meter to check if valve is on because it is receiving voltage - red lead to the zone terminal strip and black lead to the COM terminal. If yes, clock is still powering the zone. If no, go to next solution 2. Inspect valve control setting 3. Inspect the condition of the valve diaphragm

Lawn or landscape looks dry	• UgMO Moisture Target is set too low
	• Irrigation runtimes are not sufficient
	• Irrigation cycle times are not sufficient
		If the lawn/landscape appears dry, check the UgMO screen to see the present moisture conditions:
		  • If it reads "DRY", confirm zone is operational, and consider increasing time of the watering window
		  • If it reads "OK" or "WET", increase the moisture target setting at least one level
		If conditions do not improve, additional irrigation cycles may need to be added
		Inspect irrigation head functionality and coverage

Lawn or landscape is too wet	UgMO Moisture Target is set too high	If the lawn/landscape seems to be too wet in the absence of natural precipitation, check zone for proper operation. If no leaks are detected, reduce the moisture target setting down one level
Controller has power but no display on the LCD screen	Slow start up function on the display	1. If back light is on, give the display a few minutes to boot up 2. Power cycle