

Quick Reference To Most Frequently Asked Questions

Here are solutions to specific problems you're most likely to encounter in the field:

Problem	Cause	Solution
Clock stopped. Hour dial not turning.	Circuit breaker tripped (RC-C and RC-AB models only)	Push reset. If controller stops again, check field wiring for possible short circuits.
	Fuse blown (RC-Bi models only)	Replace fuse. If fuse blows again, check field wiring for possible short circuit.
	No power to controller	Check transformer power. If voltage is zero, check line voltage and check primary power. If zero, check the building's circuit breaker.
Time of day is not correct.	Faulty timing motor	To check, reset the time on the hour dial and check back in one hour.
	Faulty resistor	Or try a resistance test. The test should show about 300 ohms for a good clock motor without the resistor on it. With resistor in place, add another 43 ohms. Check the resistor - it should read 43 ohms. If not, replace it with Part #651137.
Clock stops between Station 4 and REST on any RC-4 model.	There is a factory built-in 20-minute delay on four-station controllers.	None - this is a standard feature.
Controller recycles immediately without stopping in the rest position.	Insufficient cycle time was allowed. (It takes about 20 minutes for the hour dial pin to sweep past the micro switch. This allows the hour dial start pin to move off the micro switch. The micro switch must be open or it will allow another start. In other words, if the total time on all stations is less than 20 minutes, the controller will go past the final station, advance to rest and immediately initiate another cycle start.)	Adjust total run time for more than 20 minutes
Day and hour dials function correctly, but cycle will not start correctly.	Off-auto switch is in wrong position.	Move switch to the AUTO or ON position.
	Pins on day and hour dial not programmed correctly.	Re-program as necessary.
	Day and hour micro switches out of adjustment	See section on micro switch adjustments above.
Stations controlled by the top panel (on the RC-1860AB or RC-2360AB) operate correctly during an automatic cycle schedule, but the set of stations controlled by the lower panel do not water.	Defective day or hour micro switches.	Test with volt-ohmmeter and replace as needed.
	The RC-AB Series controllers have a three-position "day" switch. When the switch is all the way out, it is off. When the switch is half-way in, it operates program A or the upper panel stations only. When the switch is all the way in, it operates both the A and B programs (upper and lower panel stations).	To correct, ensure the switch is pushed in to the appropriate position.
	The lower panel must begin operation before midnight on the watering day if the following day is scheduled as an "off" day. Another option is to install a 6 a.m. change-over hour dial.	Ensure start time is programmed so the lower panel cycle begins before midnight.