



# NITRO VALVE TROUBLESHOOTING

Problem	Solution
Valve will not open manually	Check water supply and any possible master or gate valves to insure they are open.
	Check that valve is installed with the arrow pointing in the downstream direction.
	Check that the flow control is fully open (counterclockwise).
	Turn off the water supply. Remove the solenoid and check for debris blocking the exhaust port.
	Turn off the water supply. Remove the cover. Inspect the diaphragm for damage and replace if necessary.
Valve will not open electrically	Check voltage at controller for 24 VAC to station.
	Check voltage across the solenoid lead wires for minimum 21 VAC.
	If the valve still does not operate electrically replace the solenoid with a Weathermatic model M24E solenoid.
Valve will not close	Insure the manual bleed lever is in the closed position.
	Check for leaks around flow control, solenoid or between valve cover and body.
	Turn off the water supply. Remove the solenoid and check for debris or damage to the exhaust port.
	Turn off the water supply. Remove valve cover and inspect for debris under diaphragm or debris in diaphragm ports
Slow leak through sprinklers	Check for dirt or gravel embedded in diaphragm seat.
	Check actuator and exhaust fitting for proper seating.