

MAGNUM STOKER TROUBLE SHOOTING GUIDE

SYMPTOM	CAUSE	CORRECTION
Power light not on	Power at the outlet	Verify proper voltage and polarity at the outlet.
	Fuse blown	Replace fuse / Check for short circuit
	Faulty wiring	Inspect / Repair stove wiring
Coal will not light after several attempts	Fuel Problem	Verify coal is dry and of good quality.
	Dirty stove / Chimney	Clean stove and chimney
	Draft problem	Install a draft meter and verify draft readings. Balance the draft in the stove with the draft in the chimney. See instructions in the owners manual
	Faulty combustion blower	Verify combustion blower is operating properly.
Stove not feeding properly	Fuel obstruction	Verify nothing is obstructing the flow of coal from the hopper to the feeder. The stove is designed to burn anthracite rice coal.
	Pusher block	Verify the pusher block is not sticking due to rust or a build up of fines. Check feed adjuster setting.
	Pusher assembly	Verify forks on the pusher assembly are not spread apart or bent. Forks should be 1 7/8" - 2" apart. Check that cam bearing is traveling in the pusher assembly correctly. Adjust if needed.
	Faulty wiring	Inspect / Repair wiring. Verify the motors are plugged into the correct outlets on the timer box.
	Faulty feed motor	Verify feed motor on/off switch is in the on position. Check for voltage to the feed motor when the feed motor light on the control box is lit. If voltage is present and the motor will not run, replace the feed motor.
Stove goes out during maintenance cycle	Timer box settings	Verify timer box settings. Recommended settings are "on time" = 4 min. "off time" = 12 min. "extend time" = 2 min. See owners manual for detailed description of timer box settings.
One or more motors do not run	Power at the outlet	Verify proper voltage and polarity at the outlet.
	Faulty wiring	Verify motors are plugged into the correct outlets on the timer box.
	Faulty motor(s)	Verify voltage is present to the motor when the corresponding light is lit on the timer box. If voltage is present and the motor will not run, replace the motor.
	Faulty timer box	Inspect wiring in the timer box. Repair wiring. Replace timer box if needed.
Carbon monoxide detector alarming	Draft problem	Install a draft meter and balance the draft between the chimney and the stove. See owners manual for instructions.
	Dirty stove / Chimney	Clean stove and chimney