

# Section 5

## Trouble Shooting

Symptom	Probable Cause	Suggested Remedy	
Tumbler does not turn	Drive belts	Check both drive belts	
	Overtemperature thermostat	Check to see if manually resettable thermostat is kicked out.	
	Drive motor	Check capacitor and motor	
	Door switch	Check door switch contacts and adjustment	
	Dry Timer	Is there time set on the dry timer and is it showing a closed circuit.	
	Motor Relay	Check motor relay coils and contacts.	
Tumbler turns but no spark at burner	Cool-Down Timer	Is there time set on the cooldown timer and is it showing a closed circuit.	
	Thermostat	Check for contact closure.	
	Dry Timer	Is there time set on the dry timer and is it showing a closed circuit.	
	Spark Electrode	Check electrode for damage to electrode or mounting	
	Ignition transformer	Check for 24 V. out of transformer	
	Ignition control Air flow switch	Try another control Check for circuit through air flow switch	
	Hi-limit	Check hi-limit	
	Gas supply	No gas can cause system lockout	
	Tumbler turns ignition sparks no flame	Gas supply	Make sure gas supply is working
		Gas pressure	Make manometer check of gas pressure
Spark electrode		Check electrode for damage to electrode or mounting	
Gas valve		Check coil continuity, replace valve if bad	

Slow drying

Thermostat

Check shut-off temperature of thermostat.  
Compare to other dryers if possible.

Air flow

Restrictions

Lint screen

Clean screen

Exhaust

Check complete exhaust system

Damper

Check that dampers in exhaust open when  
machine is operating

Makeup air

Check for adequate makeup air