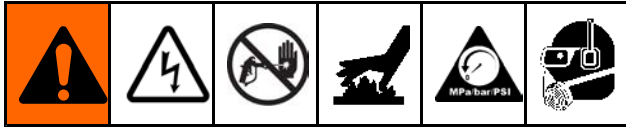


# Reactor 2 Electric - Troubleshooting - System

## Troubleshooting

### System



Before performing any troubleshooting procedures:

1. Relieve Pressure. See [Pressure Relief Procedure, page 46](#).
2. Turn main power switch OFF.
3. Allow equipment to cool.

Problem	Cause	Solution
Reactor ADM does not turn on.	No power.	Turn main power switch ON.
	Failed 24 V power supply.	Replace power supply.
	Failed surge protector.	Replace surge protector.
Electric motor does not operate.	Loose connections.	Check MCM connection 13.
	Tripped circuit breaker (CB02).	Reset breaker, see <a href="#">Repair Circuit Breaker Module, page 58</a> . Check 240VAC at output of breaker.
	Shorted windings.	Replace motor, see <a href="#">Repair Electric Motor, page 57</a> .
Electric motor runs erratically.	Failed motor bearing.	Replace motor, see <a href="#">Repair Electric Motor, page 57</a> .

# Reactor 2 Electric - Troubleshooting - System

*Troubleshooting*

Problem	Cause	Solution
Cooling fans not working.	Loose wire.	Check. See <a href="#">Electrical Schematics, page 93.</a>
	Fan blade obstructed.	Remove obstruction.
	Defective fan.	Replace. See <a href="#">Replace Motor Fan, page 60.</a>
Pump output low.	Obstructed fluid hose or gun; fluid hose ID too small.	Open, clear; use hose with larger ID.
	Worn piston valve or intake valve in displacement pump.	See pump manual.
	Pressure setpoint too high.	Reduce setpoint and output will increase.
Fluid leak in pump packing nut area.	Worn throat seals.	Replace. See pump manual.
No pressure on one side.	Fluid leaking from heater inlet rupture disk (372).	Check if heater and PRESSURE RELIEF/SPRAY valve (SA or SB) are plugged. Clear. Replace rupture disk (372) with a new one; do not replace with a pipe plug.