TECHNICAL TROUBLESHOOTING - FLEXBAKE 5™ Proof and Bake Oven

Cool down cycle takes excessive time	• Determine what temp the oven gets to in 10 minutes. • Confirm water is running inside oven for 7 minutes, if not check that the RO unit has water to it and is supplying water out to oven. • Confirm the convection and cool down motors are running. • Confirm that dampers for convection and cool down blowers are open. • Confirm what equipment is around oven, possibly causing hot air at cool down blower intake. • Determine if oven has hood or other ventilation over it and it is running properly.
High limit reset on back of oven trips	• Confirm convection blower is running – if not correct issue. • If running – visually inspect elements and check amp draw. • If elements are good – replace high limit thermostat. • Verify the SSR relays are not shorted closed.
Convection motor will not run on high speed	• Confirm voltage to motor *(Black and White wires)*. • If no voltage at motor – confirm that neither speed select relay nor winding interlock relay are energized. • Confirm 208/240V output from "Hi Speed" terminal on RPB Relay Board *(Blue wire)*. • If no output voltage – confirm 12V output from red I/O board, "Conv High Speed" terminal *(White wire)*. • Check motor capacitor – should be 15 MFD, +/- 0.5MFD.
Convection motor will not run on low speed	• Confirm voltage to motor *(Yellow and White wires).* • If no voltage to motor – confirm winding interlock relay and speed select relay are energized. • If not – check for 12vdc to coil of the speed select relay. • If no voltage to coil – check I/O 4 board. • Confirm motor shaft spins freely.