



EQUIPMENT TECH BULLETIN

What to Do If BKI Heater/Blower Overheats and Shuts Off

Topic: Heater/blower on BKI fry warmer will shut off once it has overheated. However, this shut off often indicates that motor is failing and heater/blower assembly needs to be replaced.

Solution: After heater/blower cools down, BKI can sometimes be restarted. If heater/blower fails, Operator can order and install new heater/blower assembly.



General Information

- Heater/blower assembly (located under delivery chute) has thermal overload switch that will shut unit off to prevent fires if air flow is blocked or if blower motor is jammed. However, thermal overload switch should not trip under normal operation, even if air flow is blocked.
- Although heater/blower assembly is designed to last approximately 2 years, heater/blower shut off often indicates assembly is starting to fail and should be replaced.

Check performance of BKI fry warmer throughout the day

To verify that fry warmer is working correctly, periodically place your hand about 1” from perforations in inner dump pan. Hot air should be blowing through holes. CAUTION: Do not touch metal, as it will be hot.

If fry warmer is not blowing hot air (if heater/blower assembly has shut off)

Turn power to fry warmer OFF, wait three minutes and check air intake screens and hot air passages. Verify that air intake screens and hot air passages are clean and are not blocked. (See Tech Bulletin [EQ-BK-04 Maintain BKI Air Flow](#) for cleaning instructions.) Turn fry warmer back on. Verify that fry warmer is receiving power (check that light and ceramic heaters are operational).

If fry warmer does not resume blowing hot air or if fry warmer shuts off repeatedly

Replace entire heater/blower assembly.

NOTE: Do NOT ask service agent to clean or repair heater/blower assembly or to unjam blower motor. Heater/blower assembly was not designed for field repair, only for replacement. Operators will waste repair dollars on repeated service calls if heater/blower assembly is repaired in the field.

- Order replacement heater/blower assembly (BKI part # AN3121460S) from TriMark Strategic 404.765.8998.
- Obtain easy-to-follow Installation Procedure from @Chick-fil-A. >>Keyword: Equipment. >>In left menu, click Food Preparation and Holding. >>Select BKI: FW-15. >>Look under Other Resources.



ADDITIONAL NOTES

- Early heater/blower assembly failures were thought to be the result of installers cutting too small an air intake hole in counter under BKI fry warmer. Research has proven that **size of counter cut-out does not affect heater/blower performance.** Do not let a service agent cite this as a reason for heater/blower assembly failure.
- It is possible that bent or damaged fan in heater/blower assembly can lead to premature assembly failure. Handle heater/blower assembly with care during installation to avoid damaging fan.