



TROUBLE SHOOTING GUIDE

REDI-PAK® OPERATING AND CONTROL UNIT

Redi-Pak Symptoms:

1. No spark
2. Spark but no ignition
3. Blower does not turn on
4. Flame failure light on before spark
5. All burners light but go out after 15 seconds
6. Manual dial does not modulate burner setting
7. Blower speeds up and down repetitively
8. Filter LED illuminates when Redi-Pak power switch is turned on

Redi-Pak Solutions:

1. If there is no spark being created between the electrode and the ignitor tip; make sure the ignition wire is connected from the ignition transformer in the Redi-Pak to the ignition electrode, clean the electrode and pilot tip with an emery cloth or sandpaper, re-align the electrode if it has moved away from the center of the pilot tip, make sure that the length of the ignition wire is no more than 10 feet.
2. If the ignitor is sparking but the burner will not ignite; check to make sure that all gas shut-off cocks are open, make sure the gas petcock connecting the copper tubing to the manifold is open, make sure there is not excessive oven airflow/drafting, make sure the Redi-Pak is tuned (air/gas ratio) properly.
3. If the blower does not turn on when the Redi-Pak power switch is turned on; Check to make sure there is power to the unit, make sure all wire harnesses are attached to blower.
4. If the flame failure light comes on before any ignition trial; check the emergency stop button is not pressed in, make sure that the Tygon tubing is connected to both the blower prove switch (+) and the blower outlet post.
5. If all burner sections light then shut off after 15 seconds; make sure the monitor wire is connected from the Redi-Pak to the monitor electrode, make sure the monitor electrode is aligned (centered) with the monitor pilot tip, make sure there is not excessive airflow around the monitor electrode.
6. If, when turning the manual dial on the front of the Redi-Pak, the burners do not change intensity; make sure that remote mode switch on the control board is set to local, make sure Redi-Pak has been properly calibrated.
7. If the blower speeds up and down and does not maintain a consistent RPM; have the Redi-Pak re-calibrated by a trained technician.
8. If the filter LED illuminates when Redi-Pak is powered; check that Tygon tubing is connected to the filter switch post (+) and the metal most on the inside of the back panel of the Redi-Pak.