

HEATER OPERATION SEQUENCE:

1-Open propane gas valve *SLOWLY*-

IF Propane cylinder valve is opened to quickly- it will cause safety valve to lock. SEE BELOW

2-TURN on the power switch on the heater

3- TURN the thermostat temp UP so it calls for heat.

- The light is flashing indicating power.+ IF NO LIGHT – YOU HAVE NO POWER
- The Fan motor starts.
- Ignition control begins ignition trial sequence. You can hear the snapping of the igniter.
- Igniter sparks.
- Gas control valve opens.
- Ignition occurs. +IF NO IGNITION – It is not getting Propane fuel.

- Igniter continues to spark until flame occurs.
- Room warms to desired temperature.
- Thermostat reaches temperature.
- Heater shuts down.
- Process starts again when temperature falls & thermostat calls for heat.

IGNITION FAILURE SEQUENCE:

- There are three ignition trials. Each trial takes 10 seconds.
- If burner flame is not maintained at the end of the third trial, the heater goes into safety lockout
- Gas valve closes. -- Ignition spark shuts off. -- Fan motor stops.

POSSIBLE PROBLEMS & SOLUTIONS

To retry for ignition, the system must be reset:

- Turn the thermostat Down to 40 and then Up to 100, Heater will restart & call for heat.
- Position selector power switch to OFF and then back to on. Unplug heater and plug it back in.

+NOT ENOUGH POWER. UNPLUG & TRY ANOTHER OUTLET ON ANOTHER CIRCUIT

+BAD THERMASTAT- unplug thermostat & Plug extension cord directly into heater cord.

+NO HEAT – Propane cylinder valve was opened to quickly-causing safety valve to lock. Close the valve on the propane tank & disconnect the propane valve & reconnected to Reset valve so fuel will flow into regulator. – Open propane cylinder valve slowly.

