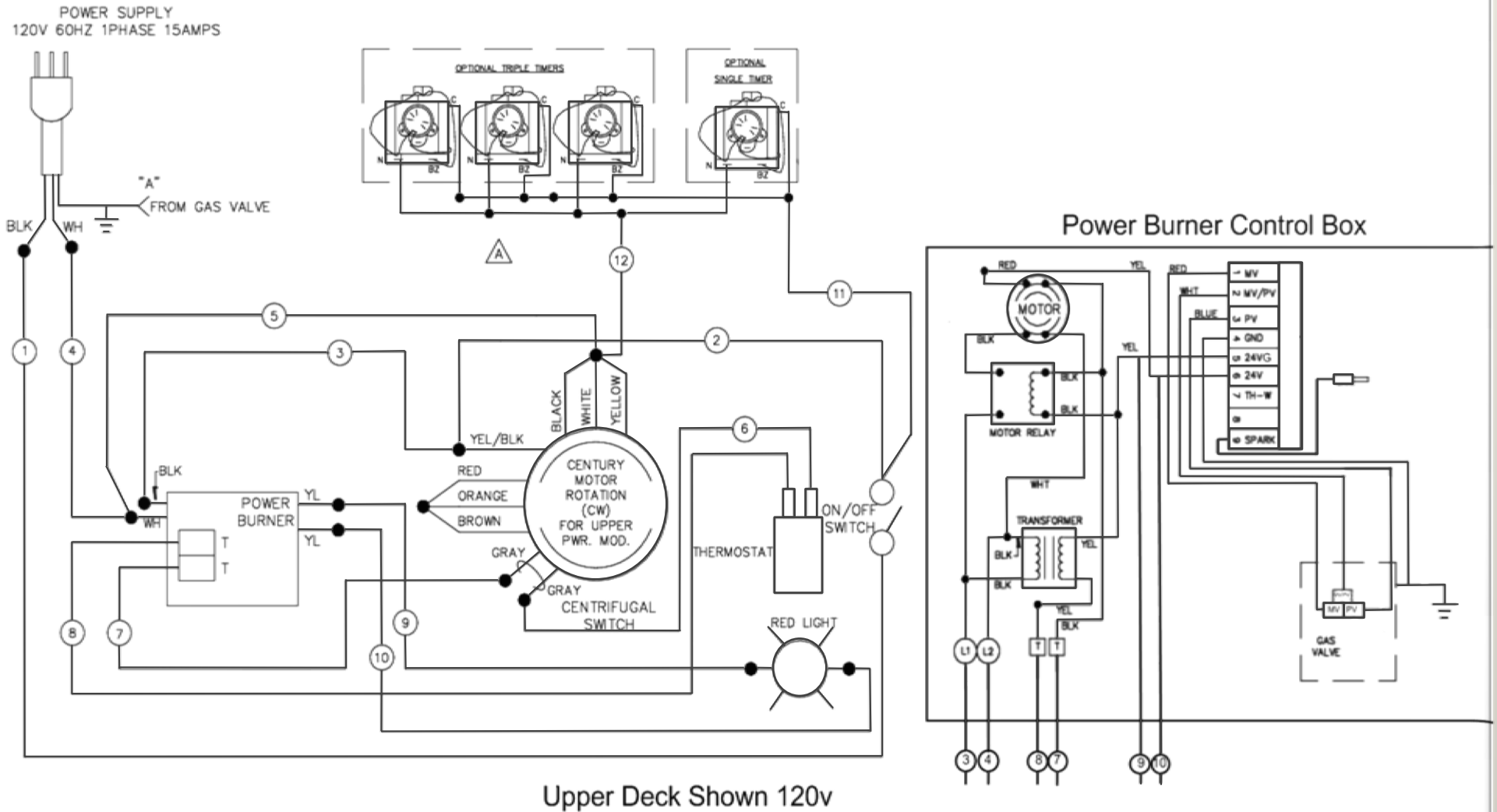
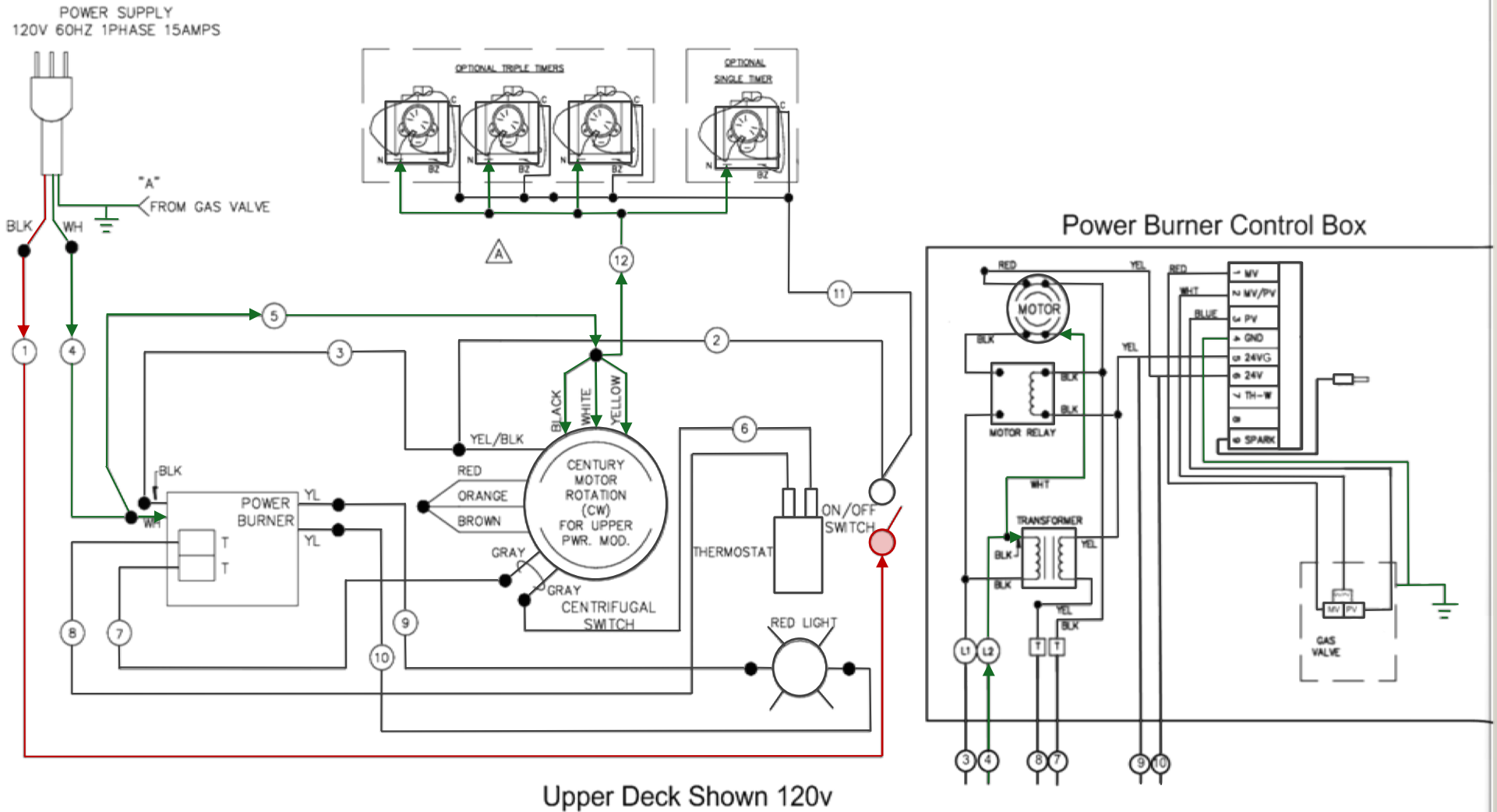


G56



Unit Unplugged/No Power shown

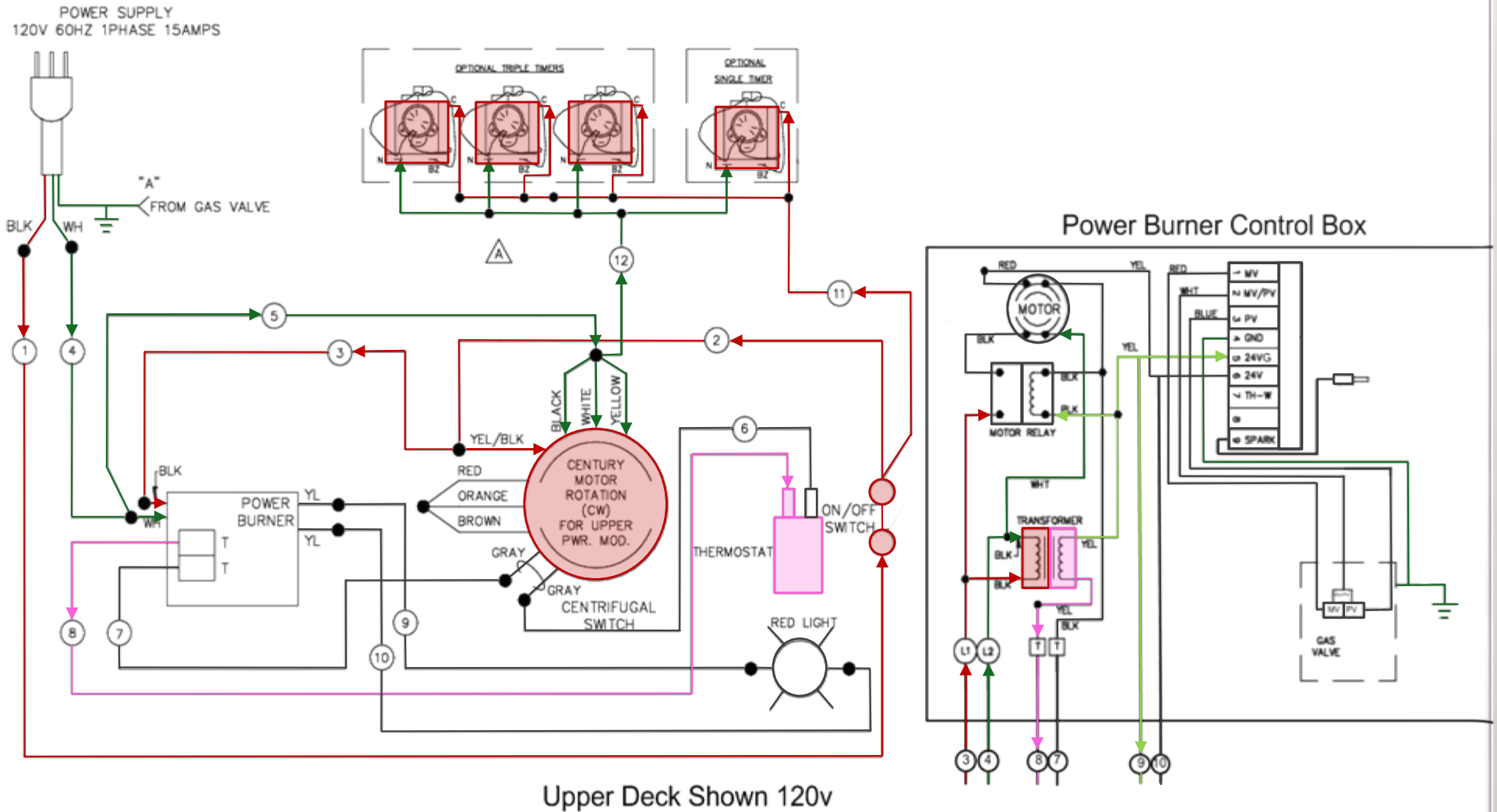
G56



Unit Plugged in, Switch Off shown

— Common/Ground
 — 120 v Hot

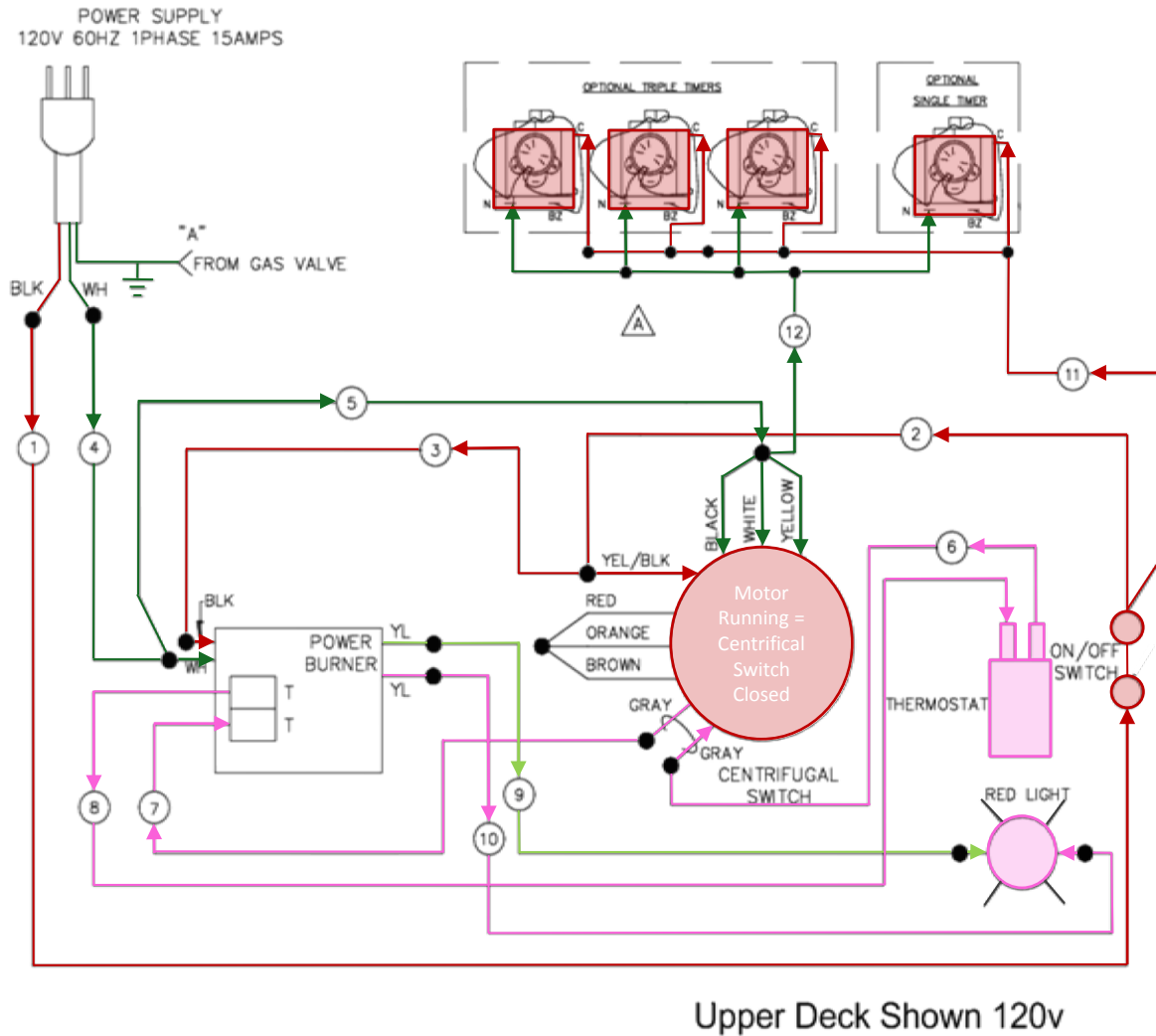
G56



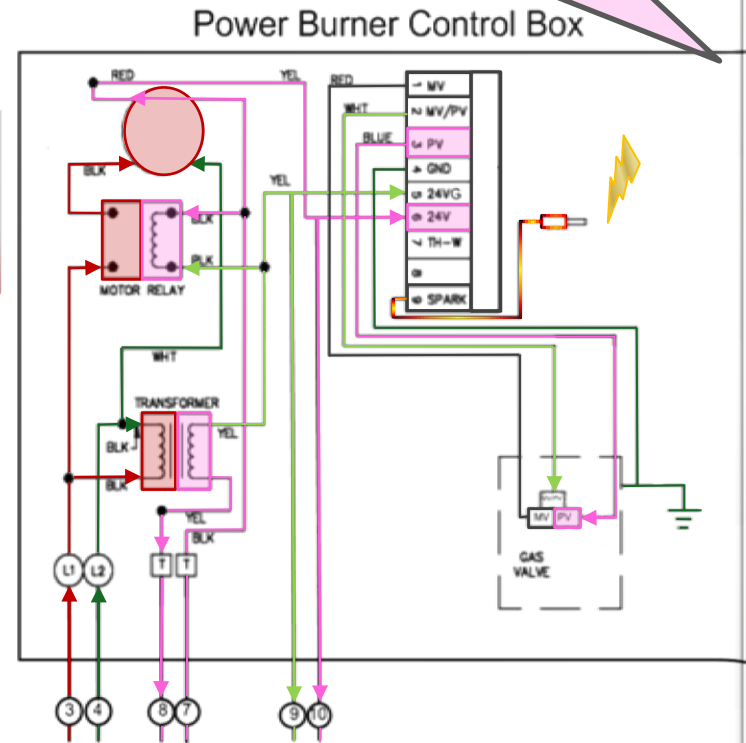
Unit Plugged in, Switch On, No Call
for Heat shown

- Common/Ground
- 120 v Hot
- 24 v AC Hot
- 24 v AC Common

G56



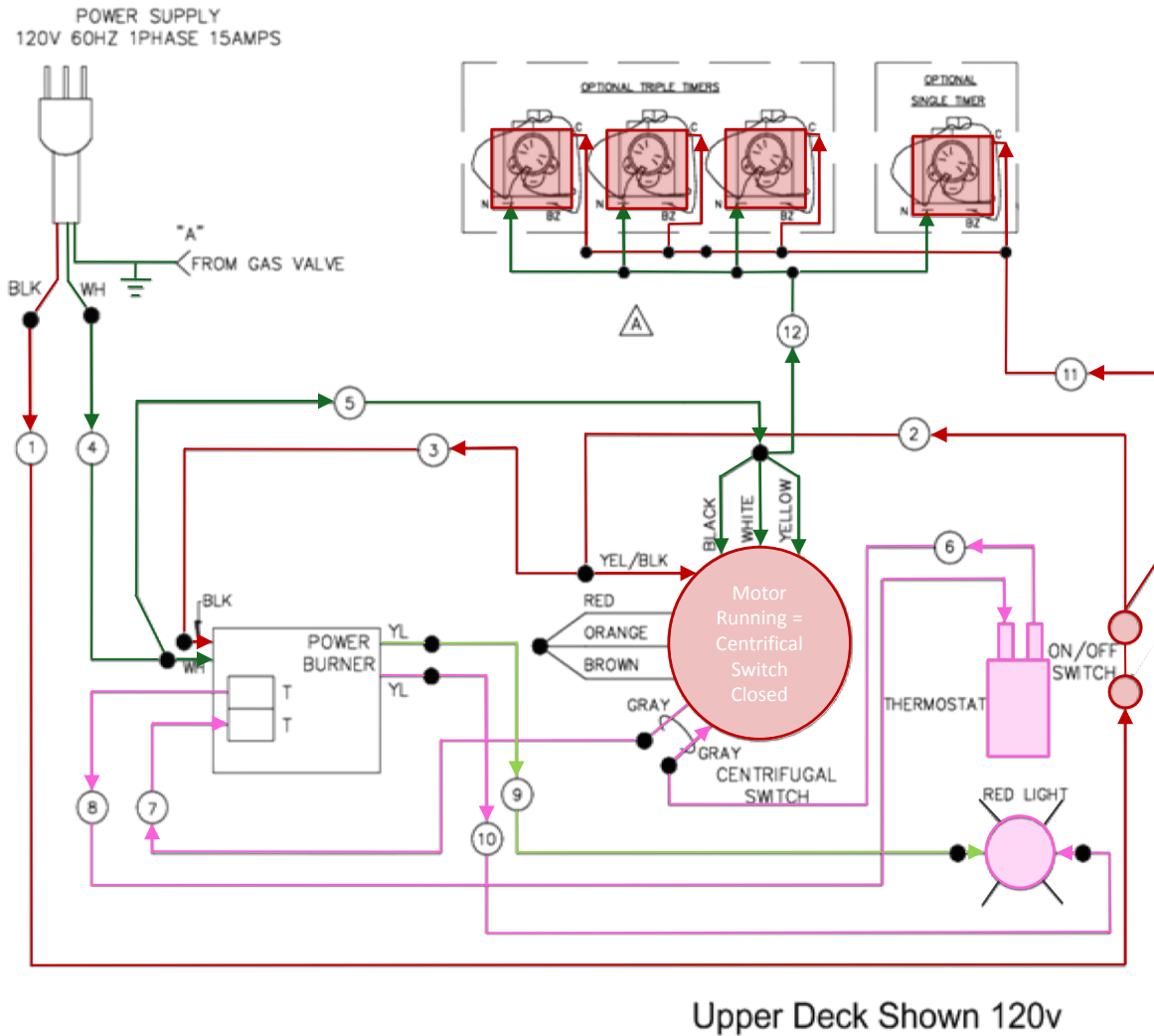
Power to the Module shown. 24v AC will pass out on PV and the unit will generate spark for the 90 second trial period as shown.



Unit Plugged in, Switch On, With a Call for Heat shown (Spark at module)

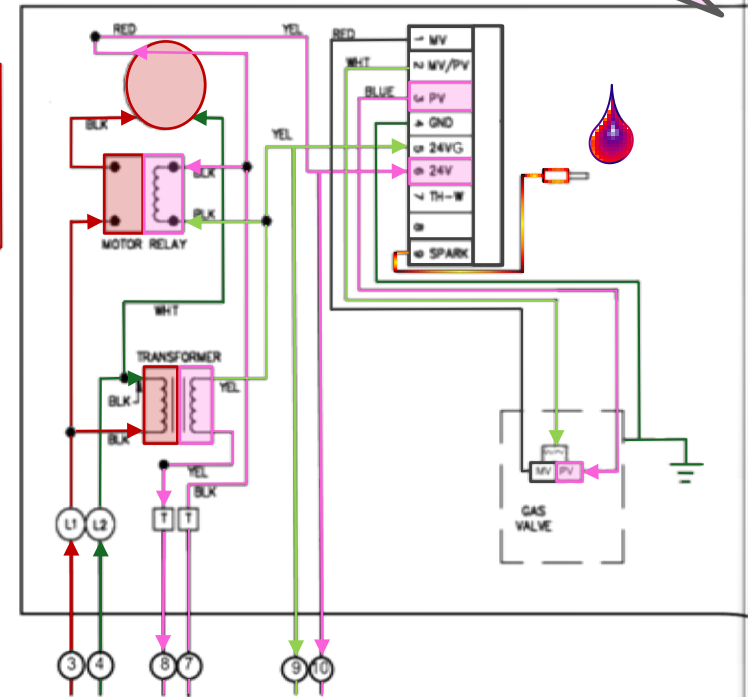
- Common/Ground
- 120 v Hot
- 24 v AC Hot
- 24 v AC Common

G56



When the Pilot ignites, the module rectifies the flame by Micro Amps on terminal number four. Minimum 1.5 μ A required.

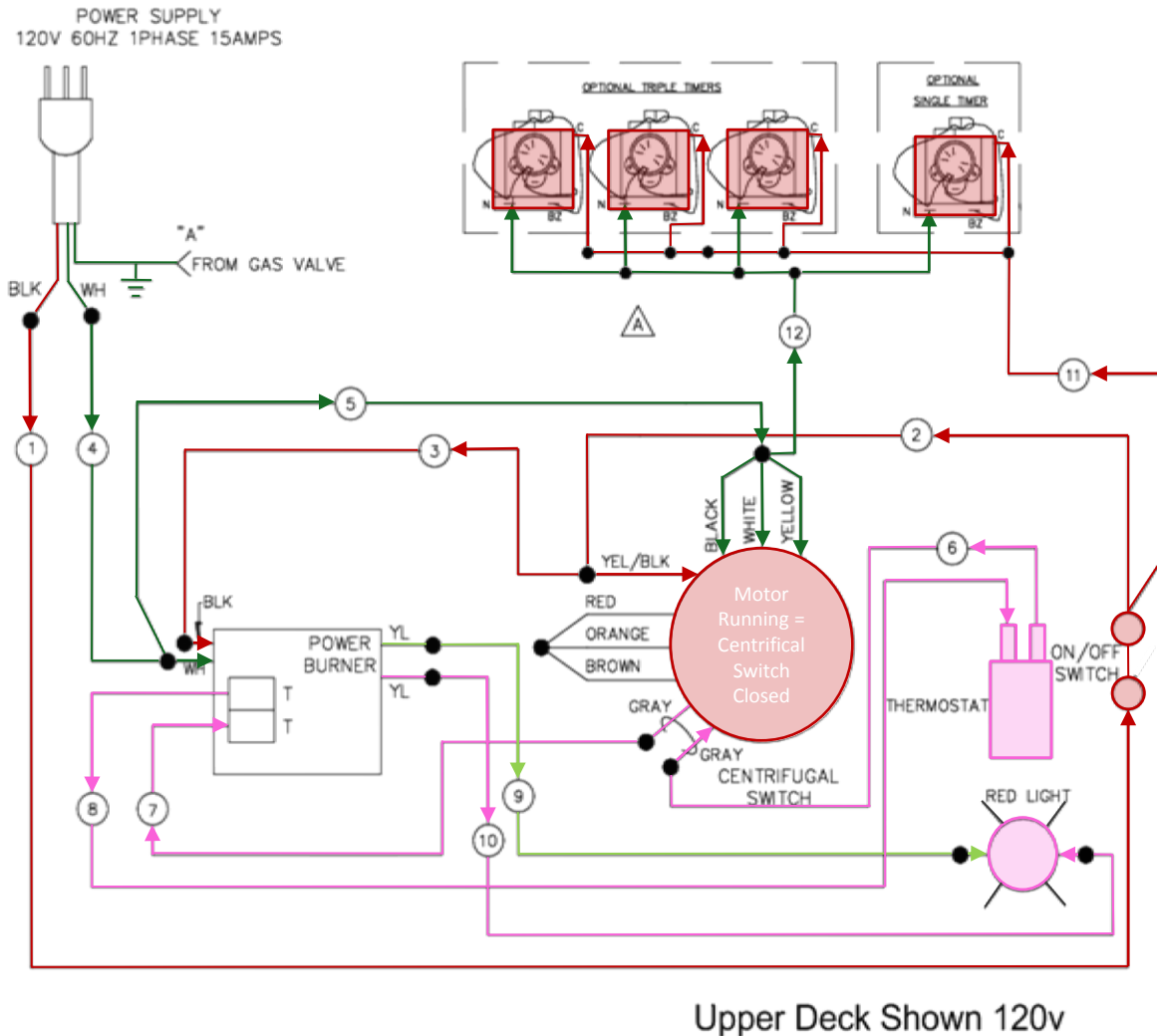
Power Burner Control Box



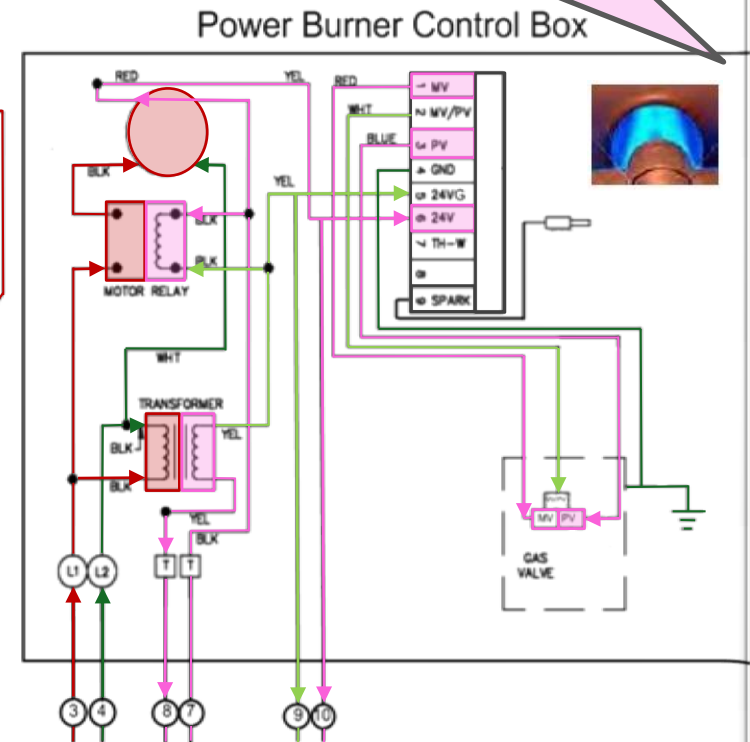
Unit Plugged in, Switch On, With a Call for Heat shown (Pilot lit)

- Common/Ground
- 120 v Hot
- 24 v AC Hot
- 24 v AC Common

G56



The module then sends 24 v AC out on MV when the flame has been rectified. MV remains energized, powering the Main Valve to the burner until the thermostat satisfies and the call for heat is removed.



Unit Plugged in, Switch On, With a Call for Heat shown (Main burner lit)

- Common/Ground
- 120 v Hot
- 24 v AC Hot
- 24 v AC Common