



(Installation & Trouble Shooting Manual for Gas – Dual Burners D4 – D15)

1. Make sure that the burner, gas filter and gas line are mounted from sources to the consumption correctly.
2. Check the earth connection from the thermostat to the relay.
3. The gas pressures are set to 5 m.bar. If the income gas pressures reduce at any reason the burner will be switched OFF.
4. At any cases, the earth connection should be fixed.
5. If after checking the above items, the burner doesn't still work, please check the items as below :

A - Make sure that the ignition transformer work correctly. Check the wire connection between transformer and electrodes and also the distances between the ignition and the electrodes should be 4 mm.

B – Be sure that the control box checks the ignition transformer properly.

C – Check the GAS and AIR pressure switches and make sure of their correct commands to the control box.

D – Check the power in your system.

E – In the gas burners, the ionization flame should be fixed correctly, make sure that it is not connected to the earth.

6. In the gas burners with capacity over 680,000 kcal/h with two solenoid valves and motor dampers, the controlling and checking of the system should be refered to the electric diagram of burners.

7. For burners that equipped with SQN 70 - 74 motor dampers, the capacity of the incoming air to the burners should be as follow:

A - The air capacity can be controlled for the first solenoid valve with the blue belt.

B - The air capacity can be regulated for the second valve with the red belt.

C - The regulation of effective time for the second valve, can be done with the black belt.

Important notice:

The regulation is completed when the first valve is working and the second one stays closed. Opening of the second valve is at the second time of opening of the incoming air.