

MONITOR HEATING SYSTEM

Section 5: Troubleshooting

INDICATION OF FAILURE MODE

MODEL : GF3800/GF1800

Digital Display	The Reason of Indication	Trouble Point
E01	At pre-purge, Flame rod is sensing flame when there should be none.	Flame sensing circuit, grounded flame rod or pinched wire.
E05	After power on, power supply to the microprocessor timing circuit is incorrect.	Timer clock circuit bad or power source to unit above or below acceptable levels.
E06	At starting of operation, the circuit to drive relay of Gas Solenoid Valve is malfunctioning.	Gas solenoid valve control circuit has a malfunction.
E13	No ignition.	Failure of igniter, Solenoid valve, Gas control valve, circuit board, Blocked flue intake or exhaust, Incorrect gas pressure, No gas flow, Incorrect wiring, or Electrode gap is incorrect.
E14	At starting of operation, Gas control valve circuit malfunctioning.	Gas control valve circuit on PCB.
E17	Flame failure.	There are obstacles at circulation air inlet or outlet. Fan cage is clogged with dust. Gas pressure dropped when other gas appliances are turned on.