

**INDICATION OF FAILURE MODE  
M2200/M2400**

<b>Digital Display</b>	<b>Reason of indication</b>	<b>Trouble Point</b>
<b>E01</b>	At pre-purge, flame rod is sensing flame when there should be none.	Flame sensing circuit, grounded flame rod or pinched wire.
<b>E05</b>	After power on, power supply to the microprocessor timing circuit is incorrect.	Timer clock circuit bad or power cycles (hertz) to unit above or below acceptable levels.
<b>E06</b>	A starting of operation, the circuit to drive photo triac of solenoid pump is malfunctioning.	Solenoid pump control circuit has a malfunction.
<b>E08</b>	Revolutions per minute of combustion blower are malfunctioning.	Combustion blower or combustion blower control circuit has a malfunction.
<b>E13</b>	No ignition.	Failure of ignitor, solenoid pump or circuit board. Incorrect wiring or flame rod touches to burner parts. Air pressure switch or overheat open.
<b>E14</b>	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.
<b>E15</b>	Power supply voltage too low.	Voltage too low or power detector circuit has a malfunction.
<b>E16</b>	Load failure of combustion blower motor	Flue pipe is restricting air flow.

**\*If experiencing any of these codes, it is recommended that you contact your local heating representative for servicing.**