

# Instruction Sheet 237493 for Fitting Digital Control Board Kit #236256 to E31D / E32D / G32D / E33D Turbofan Ovens.



**SERVICE WORK ONLY TO BE CARRIED OUT BY QUALIFIED PERSONS**

Suitable for the following models:

Turbofan E32D4  
Turbofan E32D5  
Turbofan E33D5

Turbofan E31D  
Turbofan G32D



Packed By:-	
P.F.	8/6/15
Initial	Date

Contents:

Digital Controller Qty 1.  
Nut M4 Nyloc Qty 8.  
PCB Spacer 7mm Qty 8.



**Caution**

**Always turn 'Off' electrical power at the mains supply before commencing servicing.**

**Important**

**Controller software parameters must be set after fitting replacement board. Refer overleaf.**

## 1. For All Ovens

### Removing the Digital Control Board

To remove the Digital Control Board, carry out the following operation:-

1. Disconnect electrical supply at the mains.
2. Remove control panel.
3. Disconnect earth connection at rear of control panel.
4. Disconnect plugs from control board,
  - **Note position of connectors before disconnecting plugs from control board.**
5. Remove digital control board from rear of control panel.

### Replacing the Digital Control Board

1. Remove the Installation tag from the controller.
2. Ensure 8 spacers are fitted to threaded studs on rear of control board.
3. Fit replacement digital control board to threaded studs and secure with nuts supplied and tighten nuts hand tight.
4. Re-connect plugs to control board, noting position of connectors when re-fitting.

### IMPORTANT:

**Re-Program the control board to the correct oven model and revision as shown overleaf.**

**Failure to carry out these instructions may result in the oven not working correctly.**

### Check Parameters

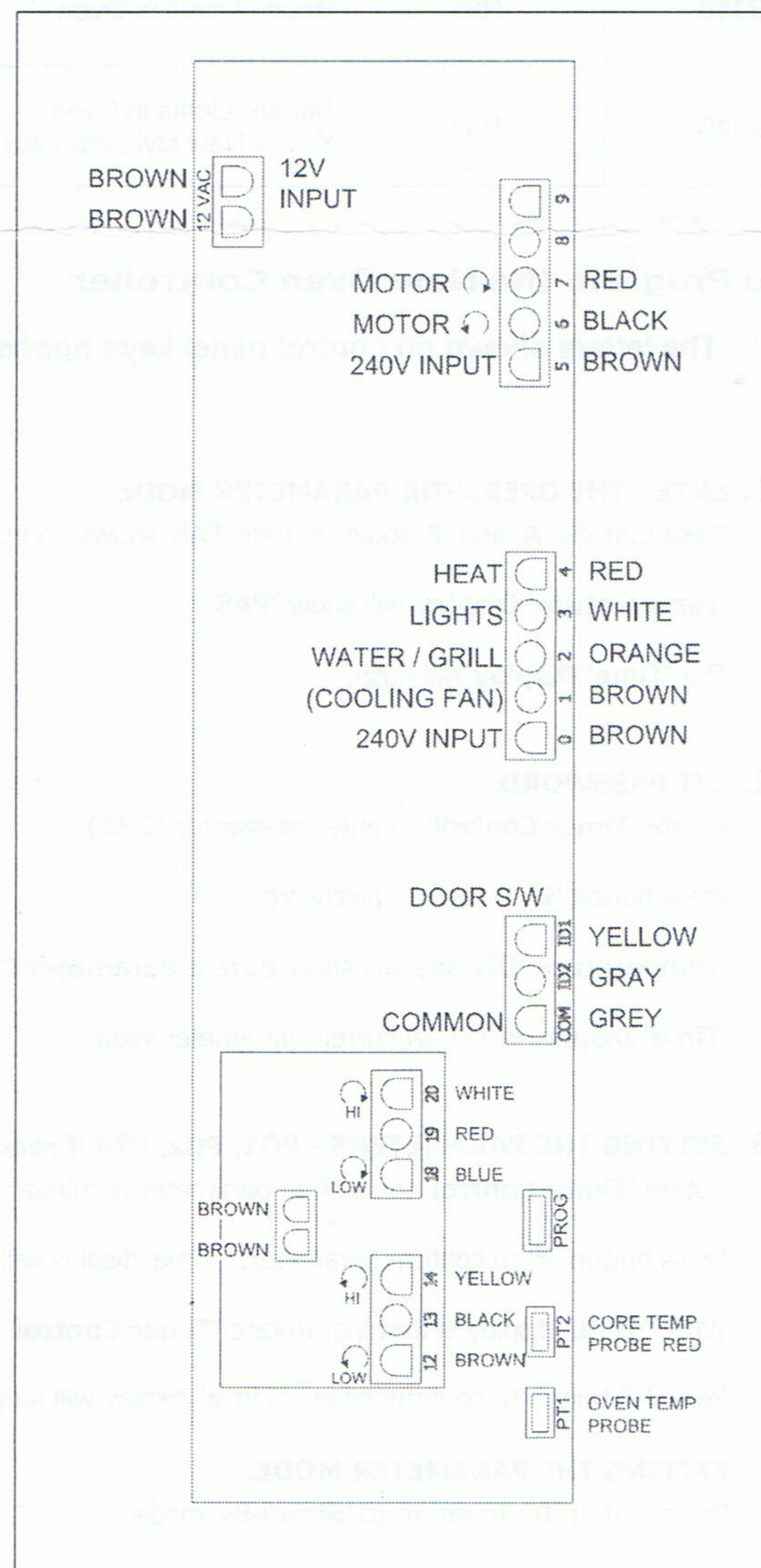
**P01** - Temperature Scale.

**P02** - Oven Model.

**P24** - 2 Speed Fan Only.

### Plug Connection Guide










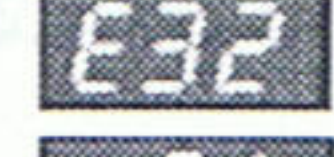











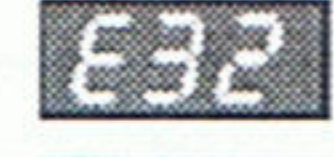





























(Model dependant - not all connections shown, are required).



## 2. To Identify Oven Models

REFER STEP 3 →

THESE PARAMETERS MUST BE SET CORRECTLY

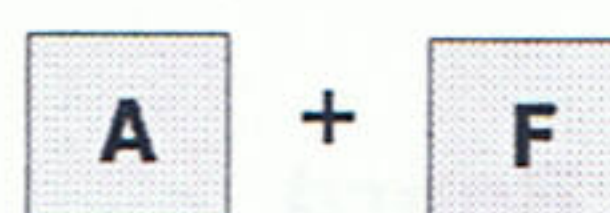
Model	Revision	Key Identifiers	PO1	PO2	P24
E31D	All	Grill/Broil key.   	°C / °F as reqd.	 	N/A
E32D	R01 / 1 speed	Round Lights in Oven. Separate Light Key.    	°C / °F as reqd.	 	N/A
E32D	R02 / 1 speed	Square Lights in Oven. Separate Light Key.    	°C / °F as reqd.	 	0
E32D	R02 / 2 speed	Square Lights in Oven. No Light Key. Fan LO Key.    	°C / °F as reqd.	 	1
E32D	R03 / 2 speed	Square Lights in Oven. Combined Light/On-Off Key. Fan LO Key.    	°C / °F as reqd.	 	1
E33D	R02	No Light Key. Keys - Old style graphics.   	°C / °F as reqd.	 	1
E33D	R03	Combined Light/On-Off Key. Keys - New style graphics.   	°C / °F as reqd.	 	1
G32D	R01	Round Lights in Oven.    	°C / °F as reqd.	 	N/A
G32D	R03	Square Lights in Oven. Keys - New style graphics.    	°C / °F as reqd.	 	N/A

## 3. To Program the New Oven Controller

NOTE: The letters shown on control panel keys opposite are representative of the keys on all models of oven.

### STEP 1. ENTER THE OPERATOR PARAMETER MODE.

Press buttons 'A' and 'F' together until 'PAS' shows on upper display.



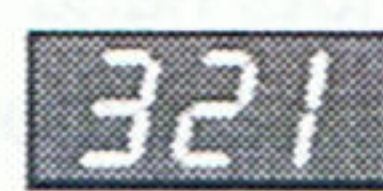
'Temperature' Display will show 'PAS'.



The 'Time' Display will flash.

### STEP 2. SET PASSWORD.

Rotate 'Timer Control' to enter password; (321).



Press button 'E' to confirm password.



'Temperature' Display will show current Parameter Code.

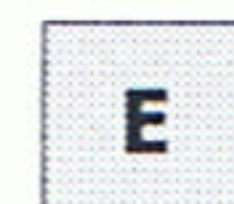


'Time' Display will show current parameter value.

### STEP 3. SETTING THE PARAMETERS - PO1, PO2, P24 if required.

Rotate 'Timer Control' to scroll to parameter required.

Press button 'E' to confirm parameter. 'Time' display will flash.



While 'Time' display is flashing, Rotate 'Timer Control' to select value required.

Press 'E' button to confirm value. 'Time' display will stop flashing.



### STEP 4. EXITING THE PARAMETER MODE.

Press button 'D', to return to 'Stand-By' mode.

