

E711 CONVECTION OVEN

CAUTION: read the instructions before using the appliance

INSTALLATION and SERVICING INSTRUCTIONS



IMPORTANT

The installer must ensure that the installation of the appliance is in conformity with these instructions and National Regulations in force at the time of installation.

Particular attention **MUST** be paid to -

BS7671 IEE Wiring Regulations

Electricity at Work Regulations

Health And Safety At Work Act

Fire Precautions Act

This appliance has been UKCA/CE marked based on compliance with the relevant Electrical and Electromagnetic Compatibility (EMC) Regulations/Directives for the voltages stated on the data plate.

WARNING -THIS APPLIANCE MUST BE EARTHED

On completion of the installation these instructions should be left with the Engineer-in-Charge for reference during servicing. Further to this, The Users Instructions should be handed over to the User, having had a demonstration of the operation and cleaning of the appliance.

IT IS MOST IMPORTANT THAT THESE INSTRUCTIONS BE CONSULTED BEFORE INSTALLING AND COMMISSIONING THIS APPLIANCE. FAILURE TO COMPLY WITH THE SPECIFIED PROCEDURES MAY RESULT IN DAMAGE OR THE NEED FOR A SERVICE CALL.

PREVENTATIVE MAINTENANCE CONTRACT

To obtain maximum performance from this unit regular servicing of the appliance should be undertaken to ensure correct operation, it is functioning as intended, and safe to use. We recommend servicing in accordance with SFG20 Maintenance Schedules and as a minimum, after 2,500 hours of use, or annually, whichever comes first and that a maintenance contract be arranged with an appointed service contact. Visits may then be made at agreed intervals to carry out adjustments and repairs.



WEEE Directive Registration No. WEE/DC0059TT/PRO

At end of unit life, dispose of appliance and any replacement parts in a safe manner, via a licenced waste handler.

Units are designed to be dismantled easily and recycling of all material is encouraged whenever practicable.

Falcon Foodservice Equipment

Wallace View, Hillfoots Road,

Stirling, FK9 5PY, Scotland

Phone: 01786 455200

T100741 Ref. 13

IMPORTANT INFORMATION

ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION

Commercial kitchens and foodservice areas are environments where electrical appliances may be located close to liquids, or operate in and around damp conditions or where restricted movement for installation and service is evident.

The installation and periodic inspection of the appliance should only be undertaken by a qualified, skilled and competent electrician; and connected to the correct power supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the necessary requirements to the local electrical wiring regulations and any electrical safety guidelines.

We recommend:-

- Supplementary electrical protection with the use of a type A residual current device (RCD)
- Fixed wiring appliances incorporate a locally situated switch disconnector to connect to, which is easily accessible for switching off and safe isolation purposes. The switch disconnector must meet the specification requirements of IEC 60947.

Your attention is drawn to:-

BS 7671:2018–Guidance Note 8 - 8.13 : Other locations of increased risk

It is recognized that there may be locations of increased risk of electric shock other than those specifically addressed in Part 7 of BS 7671. Examples of such locations could include laundries where there are washing and drying machines in close proximity and water is present, and commercial kitchens with stainless steel units, where once again, water is present.

Where because of the perception of additional risks being likely, the installation designer decides that an installation or location warrants further protective measures, the options available include:

- Automatic Disconnection of Supply (ADS) by means of a residual current device having a residual operating current not exceeding 30mA;
- Supplementary protective equipotential bonding; and
- Reduction of maximum fault clearance time.

The provision of RCDs and supplementary bonding must be specified by the host organization's appointed installation designer or electrical contractor and installed by a suitably qualified and competent electrician so as to comply with Regulations 419.2 and 544.2

SECTION 1 – INSTALLATION



UNLESS OTHERWISE STATED, PARTS THAT HAVE BEEN PROTECTED BY THE MANUFACTURER ARE NOT TO BE ADJUSTED BY THE INSTALLER.

1.1 MODEL NUMBERS, NETT WEIGHTS, and DIMENSIONS

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
E711 Oven	770	625 (incl. handle)	570	48

1.2 SITING

These models are suitable for installation on any flat, horizontal surface and have adjustable feet to facilitate levelling within a limited range. Position the oven in the desired location and use a suitable spanner to level it.

Sufficient clearance should be left around the unit to allow turning for maintenance purposes.

WARNING:



ALWAYS TAKE CARE WHEN MOVING THE APPLIANCE AS IT IS HEAVY. ALWAYS USE SAFETY GLOVES AND ENCLOSED FOOTWEAR. DO NOT PULL THE APPLIANCE BY THE HANDLE.

WARNING:



IF THE UNIT IS STACKED USING A STACKING KIT ENSURE THE UNIT IS SITED ON A FLAT HORIZONTAL SURFACE AND ADJUSTABLE FEET / CASTORS ARE LEVELED.

1.3 ELECTRICAL SUPPLY and CONNECTION

These ovens are designed to be connected to a single-phase 230V/50hz AC supply. The unit power rating is 2.65kW. The mains lead is fitted with a moulded fused plug to BS1363 with a 13 amp fuse fitted. The mains lead wires are coloured in accordance with the following code:

Green and Yellow	EARTH
Blue	NEUTRAL
Brown	LIVE

These wires should be connected as follows: EARTH to the terminal marked E
NEUTRAL to the terminal marked N LIVE to the terminal marked L



WARNING - THIS APPLIANCE MUST BE EARTHED!

ANY REPLACEMENT SUPPLY CABLE MUST BE 1.5MM², CORD CODE DESIGNATION 245 IEC 57 (CENELEC H05 RN-F).

For internal connection, outer sheathing must be stripped 140mm from the cable end. The Live and Neutral conductors must be trimmed so that the earth conductor is longer by 50mm. Pass the inlet cable through the rear panel cord grip and ensure the cable is routed without leaving excessive free length inside the unit.

Check that no damage has occurred to the appliance, power cable, and plug face during transit. If damage has occurred do not use the appliance.

Before and after each use, it is good practice to inspect your appliance for any signs of physical damage – should you find anything, please report this to the appropriate onsite person who will then take the necessary action.

As a minimum, we would also advise that the appliance cable & plug are inspected daily. Check for damage to the plug housing, pins and the mains cable is secured to plug with no wires showing.

When checking the plug and cable the wall socket should also be inspected for damage, discoloration or cracks. If there is any damage to the plug, mains cable or socket the appliance **MUST NOT** be used and it should be reported immediately to the maintenance team/ responsible person, who should then notify the Technical Care Team.

Never plug two supplies into an adaptor, extension lead or a standard 13A double socket. Always ensure two supplies are separate. Do not plug any other appliance along with this appliance into a double socket.

Only use Falcon approved spare parts, including 13A plug.

Ensure that the mains power cable is routed free from the appliance to avoid damage. We recommend supplementary electrical protection with the use of a type A residual current device (RCD).

Periodical testing, repair and fixing wiring connection should only be undertaken by a skilled and competent electrician.

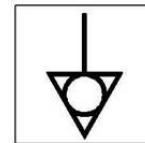
This appliance is also provided with a terminal for the connection of an external equipotential conductor.

This terminal is in effective electrical contact with all fixed exposed metal parts of the appliance and shall allow the connection of a conductor having a normal cross-sectional area of up to 10mm². It is located on the rear panel and is identified by the following symbol and must only be used for bonding purposes.

1.4 ELECTRICAL RATINGS

Electrical ratings are listed below.

Model	L1	L2	L3
E711 Convection Oven	11.5A		



SECTION 2 - ASSEMBLY and COMMISSIONING

2.1 ASSEMBLY

- a) Position the unit in the desired location. Level feet by loosening nuts on feet. Adjust by screwing feet clockwise to raise the corresponding corner, or anti-clockwise to lower. Tighten nuts when the correct level is achieved.
- b) Oven is supplied with a 13 amp plug, ready to connect to the mains supply.
- c) After plugging into the mains, check unit operates correctly.

2.2 INSTRUCTION TO THE USER

Upon completion of installation, the correct method of operation should be demonstrated to the kitchen staff. The location of the main isolating switch should also be indicated, to be used in event of an emergency or during cleaning.

SECTION 3 - SERVICING and MAINTENANCE

SERVICE INFORMATION

This unit carries an extensive mainland UK warranty. The warranty is in addition to and does not change your statutory or legal rights.

The warranty policy can be found on our website which details the conditions of the warranty and the exclusions.

<https://www.falconfoodservice.com/info-centre/policy>



Service calls to equipment under warranty will be carried out in accordance with the conditions of sale.

Warranty calls can be made between 8:30 am and 5:00 pm on weekdays only.

To ensure your warranty enquiry is handled as efficiently as possible, ensure you have the following appliance information prior to calling us:

1. Model number – found on data plate
2. Serial number – found on data plate
3. Brief description of the issue

To contact Falcon for a warranty issue dial (UK only) 01786 455 200 and select Warranty Issues from the menu.



WARNING:

BEFORE ATTEMPTING TO UNDERTAKE ANY MAINTENANCE TASK, UN-PLUG OVEN AND TAKE STEPS TO ENSURE THIS CANNOT BE INADVERTENTLY SWITCHED ON.



MAINTENANCE CHECK

REGULAR SERVICING OF THE APPLIANCE SHOULD BE UNDERTAKEN TO ENSURE CORRECT OPERATION, IT IS FUNCTIONING AS INTENDED, AND SAFE TO USE. WE RECOMMEND SERVICING AFTER 2,500 HOURS OF USE, OR ANNUALLY, WHICHEVER COMES FIRST.

ANY MAINTENANCE SCHEDULE SHOULD BE CARRIED OUT IN ACCORDANCE WITH SFG20 MAINTENANCE SCHEDULE. SHOULD ANY ISSUES WITH THE INTEGRITY OF THE COMPONENTS BE IDENTIFIED THESE SHOULD BE REPLACED. IF THE APPLIANCE IS NOT CONSIDERED SAFE THE UNIT SHOULD BE REMOVED FROM SERVICE AND THE RESPONSIBLE PERSON ADVISED WHY THE UNIT IS NOT SAFE TO USE AND WHAT REMEDIAL ACTION IS NEEDED. CONTENTS OF THE MAINTENANCE SCHEDULE SHOULD BE AGREED WITH THE MAINTENANCE PROVIDER.

3.1 TO REMOVE CONTROL PANEL

- a) Remove the top front fascia to expose the top control panel fixings.
- b) Remove fixings from the top and bottom of the control panel.
- c) Replace in reverse order

3.2 TO REMOVE REAR PANEL

- a) Remove fixing screws.
- b) Replace in reverse order.

3.3 TO REMOVE OVEN BACK BAFFLE

- a) Remove oven shelves.
- b) Raise hangers from keyhole slots to remove them.
- c) Slacken back baffle fixing screws.
- d) Raise the baffle on keyhole slots to remove.
- e) Replace in reverse order.

3.4 TO REMOVE ELEMENT

- a) Remove the back panel as in Section 3.2.
- b) Remove the back baffle as in Section 3.3.
- c) Undo element connections via the rear of the unit.
- d) Remove fixing screws.
- e) Withdraw element.
- f) Replace in reverse order ensuring the earth tab is connected properly.

3.5 TO REMOVE FAN

- a) Remove the back panel as in Section 3.2.
- b) Remove the back baffle as in Section 3.3.
- c) Undo fan connections.
- d) Remove earth connection.
- e) Undo the impeller retaining nut (*LH thread*) and remove impeller.
- f) Undo 4 fixings that secure the motor mounting plate to oven rear panel and remove screws.
- f) Replace in reverse order, ensuring the rear of the impeller is 10mm from the oven rear.

3.6 TO REMOVE NEON INDICATOR

- a) Remove the control panel as in Section 3.1.
- b) Remove connections.
- c) Remove securing nut and withdraw neon.
- d) Replace in reverse order.

3.7 TO REMOVE OVEN THERMOSTAT

- a) Remove control panel as Section 3.1.
- b) Remove control knob.
- c) Remove connections, noting positions.
- d) Undo fixings that secure thermostat to control panel.
- e) From inside of oven, remove phial guard located at top RH side.
- g) Feed phial back through oven side hole.
- h) Remove phial sleeving.
- i) Replace in reverse order.

3.8 TO REMOVE TIMER

- a) Remove control panel as Section 3.1.
- b) Remove control knob.
- c) Remove connections, noting positions.
- d) Undo fixings securing timer to control panel.
- e) Replace in reverse order.

3.9 TO REMOVE HIGH TEMPERATURE LIMIT DEVICE

- a) Remove control panel as Section 3.1.
- b) Remove connections, noting positions.
- c) Undo fixings that secure device to base panel.
- d) From inside oven, remove phial guard located at top RH side of unit.
- e) Feed phial back through oven side hole.
- f) Replace in reverse order.

3.10 TO REMOVE POWER INPUT CABLE

- a) Remove rear panel as Section 3.2.
- b) Slacken cable securing clamp.
- c) Undo terminal block and earth fixings.
- d) Replace in reverse order. Replace plug and cable type as detailed in Section 1.3. Ensure cable is fed through clamp and pulled tight before clamp is secured.

3.11 TO REMOVE BUZZER

- a) Remove control panel as Section 3.1.
- b) Remove connections, noting positions.
- c) Remove fixing that secures buzzer to base.
- d) Replace in reverse order.

3.12 TO REPLACE DOOR SEAL

- a) Unclip seal from front frame.

3.13 TO REPLACE DOOR CATCH

- a) Drill out pop rivets that secure inner and outer door panels, taking care with glass panels.
- b) Drill out pop rivets that secure catch.
- c) Replace in reverse order.

3.14 TO REPLACE DOOR STUD

- a) Unlock nut and remove stud.
- b) Replace stud to ensure a tight seal prior to tightening nut.

3.15 TO REPLACE OVEN LAMP

- a) Undo lamp fixing screws.
- b) Replace bulb.
- c) Replace in reverse order.

3.16 TO REMOVE ROCKER SWITCHES

- a) Remove control panel as Section 3.1.
- b) Remove connections, noting positions.
- c) Prise switch from control panel.
- d) Replace in reverse order.

SECTION 4 - SPARES

When ordering spares, please quote model number, serial number and voltage as indicated on unit data plate.

WIRING DIAGRAM

