

E7202S 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

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T100677 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 WHICH HAVE BEEN PROTECTED BY THE MANUFACTURER ARE NOT TO BE ADJUSTED BY THE INSTALLER

1.1 MODEL NUMBER, NETT WEIGHTS and DIMENSIONS

MODEL	WIDTH mm	DEPTH mm	HEIGHT mm	WEIGHT kg
E7202	665	585	565	35

1.2 SITING

The units are suitable for installation upon any flat, horizontal surface. Adjustable feet to facilitate levelling within a limited range. Position oven in desired location and use a suitable spanner to level.

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

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 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 terminal marked E
NEUTRAL to terminal marked N LIVE to 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 earth conductor is longer by 50mm. Pass inlet cable through rear panel cord grip and ensure cable is routed without leaving excessive free length inside 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.

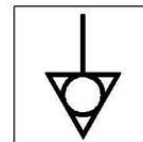
Ensure that the mains power cable is routed free from the appliance to avoid damage.

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 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 INSTRUCTION TO USER

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

1.5 ELECTRICAL RATING

The electrical ratings are listed below

Model	L1	L2	L3
E7202 Convection Oven	11.5A		

SECTION 2 - 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 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. ISOLATE THE POWER AT THE MAIN SWITCH 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.

2.1 OVEN CONTROL PANEL

2.1.1 Control Panel

Undo two fixings on underside of oven until location pins allow panel to drop forward.

2.1.2 To Remove Rear Panel

- a) Slacken fixings behind elongated slots at top of panel.
- b) Lift panel clear of these fixings.
- c) Replace in reverse order.

2.1.3 To Remove Outer Casing

- a) Remove rear panel. See Sections 2.1.2.
- b) Undo fixings that secure casing to base.
- c) Remove top and bottom hinge fixing screws.
- d) Pull casing sides away from base and lift casing.
- e) Replace in reverse order.

2.1.4 To Remove Oven Back Baffle

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

2.1.5 To Remove Elements

- a) Remove back baffle. Refer to Section 2.1.4.
- b) Remove rear panel as detailed in Section 2.1.2.
- c) Undo element connections at oven rear.
- d) Remove fixings at rear of oven cavity.
- e) Withdraw element.
- f) Replace in reverse order and ensure earth tab is connected.

2.1.6 To Remove Fan

- a) Remove baffle. Refer to Section 2.1.4.
- b) Remove rear panel. Refer to Section 2.1.2.
- c) Undo fan wires.
- d) Remove earth lead.
- e) Undo impeller retaining nut (LH thread) and remove impeller.
- f) Undo fixings that secure motor to oven rear and withdraw.
- g) Replace in reverse order.

2.1.7 To Remove Neon Indicators

- a) Open control panel. Refer to Section 2.1.1.
- b) Remove connections, noting their positions.
- c) Remove securing nut and withdraw neon.
- d) Replace in reverse order.

2.1.8 To Remove Cook Thermostat/fan Switch

- a) Open main control panel.
- b) Remove control knob.
- c) Remove connections, noting their positions.
- d) Undo fixings which secure thermostat to control panel.
- e) Undo phial guard fixing to remove guard and retaining brackets.
- f) Feed phial back through oven side hole.
- g) Remove extension spindle and phial sleeving.
- h) Replace in reverse order.

2.1.9 To Remove Timer

- a) Open control panel. Refer to Section 2.1.1.
- b) Remove connections, noting their positions.
- c) Remove control knob.
- d) Remove fixings which secure timer to control panel.
- e) Replace in reverse order.

2.1.10 To Remove Power Input Cable

- a) Remove rear panel. Refer to Section 2.1.2.
- b) Slacken cable securing clamp.
- c) Undo terminal block and earth post nut fixings.
- d) Replace in reverse order. Replace plug and cable type as detailed in Section 1.3. Ensure cable is fed through securing clamp and pulled tight before clamp is secured.

2.1.11 To Remove Buzzer

- a) Open control panel, refer to Section 2.1.1.
- b) Disconnect buzzer wiring noting wire positions.
- c) Remove fixing which secures buzzer to bracket.
- d) Replace in reverse order.

2.1.12 To Replace Door Seal

- a) Unclip seal from front frame.

2.1.13 To Replace Door Catch

- a) Drill out pop rivets which secure inner and outer door panels.
- b) Drill out rivets which secure catch.
- c) Replace in reverse order.

2.1.14 To Replace Door Stud

- a) Undo locknut and remove stud.
- b) Replace stud and adjust as detailed in Figure 1 before tightening locknut.

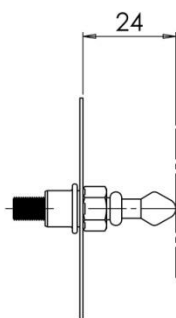


Figure 1

2.1.15 To Remove Oven Light

- a) Remove RH shelf hanger.
- b) Undo lamp cover fixing screws.
- c) Open control panel.
- d) Undo lamp wiring connections.
- e) Unclip lamp housing from aperture.
- f) Replace in reverse order.

2.1.16 To Remove Rocker Switches

- a) Open control panel. Refer to Section 2.1.1.
- b) Remove connections, noting positions.
- c) Prise switch from control panel.
- d) Replace in reverse order.

2.1.17 To Remove High Temperature Limit Device

- a) Remove control panel as detailed in Section 2.1.
- 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.

2.2 Spares

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

Wiring Diagram

