

E2522 GRILL

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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T100483 Ref.9

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	Weight lbs
E2522	900	560	510	77	170

1.2 SITING

Installation should be made in accordance with local and/or national regulations applying at the time and a competent installer must be employed. There should be a clearance of 200mm from any wall or object liable to damage from overheating and 75mm clearance should be left from any wall to allow removal of the side panels for maintenance.

In the event of a requirement to position this appliance in close proximity to a wall, partition, kitchen furniture or decorative finish, etc. it is recommended that these be constructed of a non-combustible material. If this is not possible then these surfaces require to be clad in a non-combustible, heat insulating material. Close attention must be paid to fire prevention regulations. The grill should be installed level and in a well lit position with adequate ventilation. Bench mounting legs are available for installing the grill on a working surface. When these are used, it is essential that they be secured to the surface, using fixings provided.

Mounting

The grill can be mounted upon:

A specially designed eye level floor stand.

Legs: 230mm or 336mm high.

A wall bracket.

Note

The appliance must NOT be mounted directly on to a combustible surface.

1.3 WIRING THE APPLIANCE

Warning

THIS APPLIANCE MUST BE EARTHED

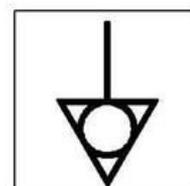
A cable entry suitable for 20mm conduit is situated in the unit rear at the RH side. To gain access to the terminals, the top fascia and the vertical switch panel must be removed. The fascia is secured on the underside and the vertical switch panel secured by one fixing at the bottom.

Additional access can be obtained if required by removing top panel, according to procedure described under heading 'Maintenance of Elements'.

Mains connection must be made via a suitably rated isolating switch with a contact separation of at least 3mm on all poles. The use of heat resistant cable is recommended. Wiring should be in accordance with current IEE Wiring Regulations.

Particular attention must be paid to providing adequate and effective earthing using the earth terminal provided. When connecting the E2522 model to a single phase supply, link terminals L1 and L2 to form the 'line' terminal.

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.



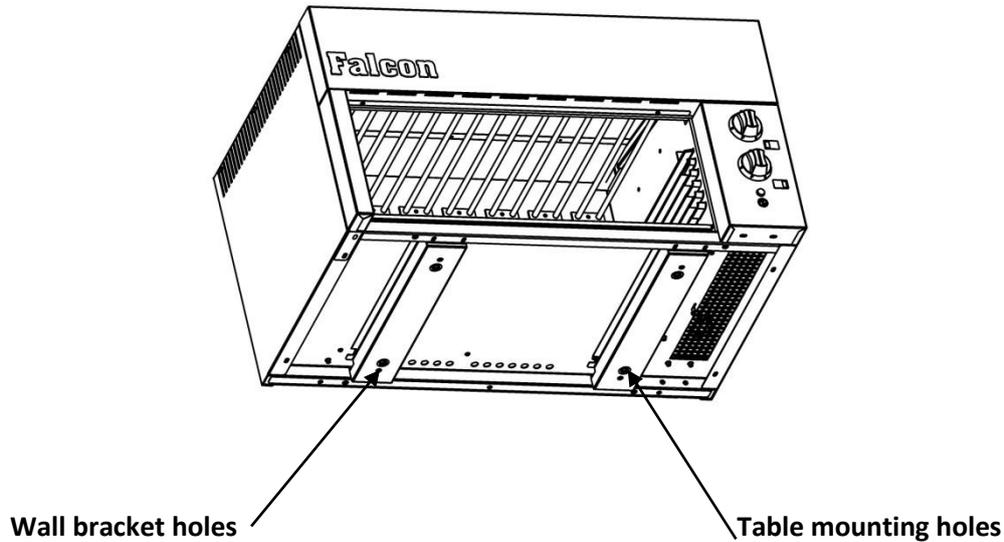
1.4 ELECTRICAL LOADINGS

The electrical loading is stated on unit data plate.

Model	L1	L2	L3
E2522 Grill	15.2A	15.2A	

SECTION 2 – ASSEMBLY

2.1 GRILL MOUNTING INSTRUCTIONS



2.1.1 Wall Mounting

The installer must ensure that the wall on which the grill is to be mounted is suitable to carry the weight and can be suitably plugged to take No.8 x 50mm wood screws (minimum length). Hold shelf against wall as a template at required height. While keeping top surface horizontal, mark fixing positions. Remove shelf and drill wall to receive suitable plugs for No.8 screws. Secure shelf in position and place grill on shelf. Secure grill using M6 fixings provided.

Table Mounting

Lay grill on its back carefully. Screw in legs then remove nuts and washers. Drill four $\text{Ø}12.7$ (1/2") holes in counter on the following pitches. 483mm x 360mm. Mount unit in holes then secure using the nuts and washers.

2.1.2 Floor Stand

Assemble stand as detailed on instruction sheet. Lift grill on to angled cross pieces. Secure through holes to corresponding holes in grill base. Adjust levelling feet until stand sits firmly and level.

SECTION 3 – SERVICING & 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.



BEFORE ATTEMPTING ANY MAINTENANCE, ISOLATE THE APPLIANCE , THE MAINS SWITCH AND TAKE STEPS TO ENSURE THAT IT IS NOT 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 Schedules. 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 MAINS INDICATOR LAMP

An indicator neon is located on the control panel and must be replaced if failure occurs. Undo bottom fixing and remove panel. Ease panel down from behind top fascia. Remove 2 lamp connections. Connect replacement neon and replace control panel.

3.2 ELEMENTS

These units are fitted with a number of identical elements which may be replaced individually.

To replace a faulty element, proceed as follows:

Undo back panel access plate fixings and remove panel.

Remove fixings from both sides of element mounting bracket, gaining access from the front of the unit.

Undo fixings which secure element to rear inner panel and withdraw element.

Fit replacement element and replace additional parts in reverse order.

3.3 ENERGY REGULATOR

Remove knob and control panel. Undo screws which secure regulator to control panel and remove regulator. Note wire connection locations and transfer each to corresponding position on the control. Fit replacement control to panel and re-fit panel.

3.4.1 RELAYS

Undo right hand side panel fixings and remove panel.

Undo fixings which secure relay to bracket and remove relay.

Note wire connections and locations and transfer each to the corresponding position on the new relay. Replace outer side panel.

SECTION 4. SPARES

When ordering spare parts, always quote appliance type and serial number.

This information will be found on data badge attached to right hand outer side panel.

Element 240V	731540400
Neon red	730962010
Relay	731570004
Energy regulator	737630011
Control knob	731570001

