

E3512 and E3532 DOMINATOR PLUS Grills



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
Health and Safety At Work Act
Electricity at Work Regulations
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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T100788 Ref.8

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 NUMBERS, NETT WEIGHTS and DIMENSIONS

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
E3512 Grill	730	560	505	55
E3532 Grill	785	355	350	30

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.

Mounting

The grill can be mounted upon: Floorstand.

Legs: 300mm high. Wall bracket.

Note

E3532 model is not compatible with old-style plate shelves.



1.3 ELECTRICAL SUPPLY 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 RH side panel must be removed.

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.

1.4 ELECTRICAL LOADINGS

The electrical loading are stated below.

Model	L1	L2	L3
E3512 Grill	13A	13A	
E3532 Grill	16.7A		

SECTION 2 - ASSEMBLY

2.1 ASSEMBLY Note

Mounting accessories are available. Contact Falcon Sales, an equipment distributor or place of purchase.

- a) Unpack unit and place it in position using separate mounting accessories.
- b) Mounting accessories should be assembled according to separate instructions provided.
- c) Check the following listed parts are included:-

Brander plate Brander drip trough Grid shelf
Grid shelf handles Drip tray

- d) The grid shelf handles are supplied separately and must be screwed on to grid shelf arms.

SECTION 3 – SERVICE & 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.



ELECTRICAL MAINTENANCE WARNING

Before attempting any maintenance, isolate unit at main switch. Take steps to ensure that it cannot inadvertently be 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 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.

Remove 2 lamp connections. Connect replacement neon and replace control panel.

3.2 ELEMENTS

3.2.1 E3512 Model

This are fitted with a number of identical elements that may be replaced individually. To replace a faulty element, proceed as follows:

Undo back panel fixings and remove panel.

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

Undo fixing that secures element to rear inner panel and withdraw element.

Fit replacement element and replace additional parts in reverse order.

3.2.2 E3532 Model

This model is fitted with a single element. To replace a faulty element, proceed as follows:

Undo fixings on control panel underside and remove.

Remove fixings at top panel rear, front and sides to remove top panel.

Undo fixings on top front facia and remove.

Remove heat shield above elements. Remove element connections at terminal posts. Undo fixing that secures element to RH side panel and withdraw element. Fit replacement element and replace panels which have been removed to gain access.

3.3 ENERGY REGULATOR

Remove knob and control panel. Undo screws that secure regulator to control panel and remove regulator.

Note wire connections/locations and transfer to corresponding position on control. Fit new control to panel and replace panel.

3.4 RELAY

3.4.1 E3512/E3522 Grills - To Replace

Undo RH side panel fixings and remove panel.

Undo fixings that secure relay to bracket. Remove relay. Note wire connections/locations and transfer to corresponding positions on replacement relay.

Secure mounting bracket and replace panels in reverse order.

3.4.2 E3532 Grill - To Replace

Undo RH outer side panel fixings to remove panel.

Relay can be removed from bracket by undoing fixings. Note wire connections/locations and transfer wires to corresponding positions on replacement relay.

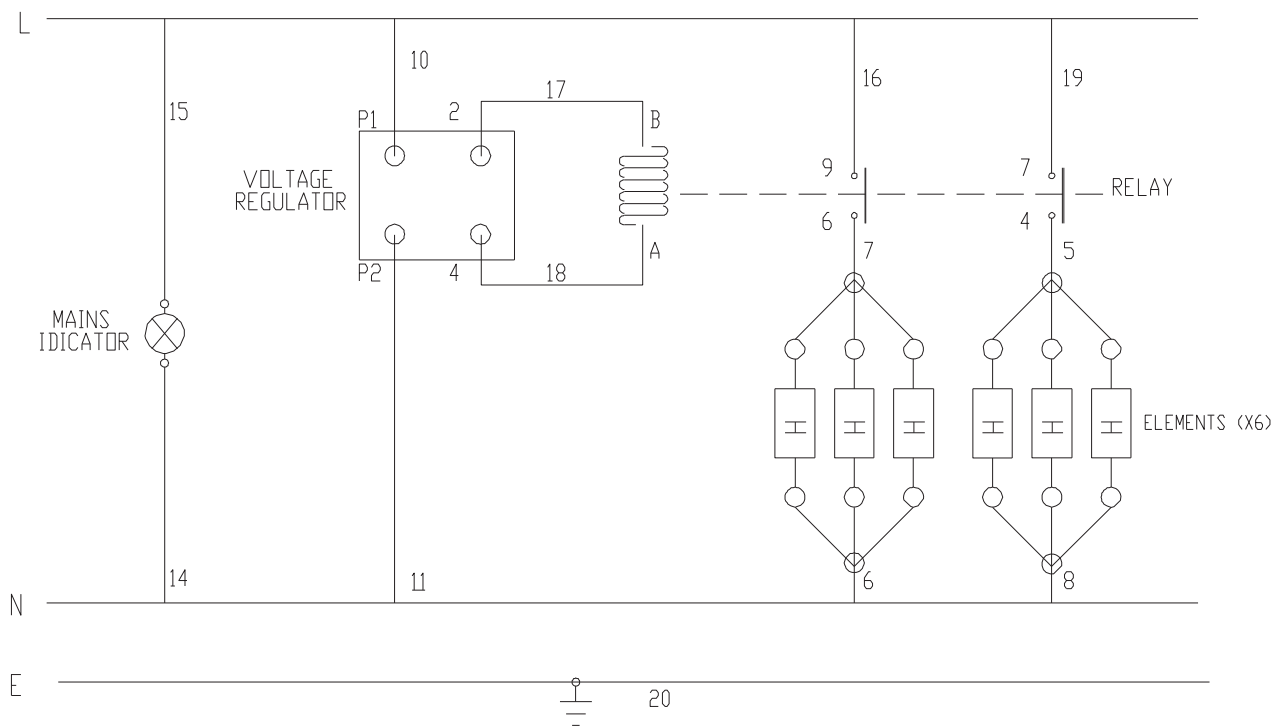
Secure to mounting bracket and replace panels in reverse order.

SECTION 4 – SPARES and ACCESSORIES

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

This information will be found on data badge attached to base plate.

E3512 CIRCUIT DIAGRAM



E3532 CIRCUIT DIAGRAM

