

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

WARNING

BEFORE ATTEMPTING ANY MAINTENANCE, ISOLATE THE APPLIANCE AT THE MAINS ISOLATING SWITCH AND TAKE STEPS TO ENSURE THAT IT CANNOT BE INADVERTENTLY SWITCHED ON.

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 & NEED FOR A SERVICE CALL.

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

PREVENTATIVE MAINTENANCE CONTRACT

In order to obtain maximum performance from this unit we would recommend that a maintenance contract be arranged with **SERVICELINE**. Visits may then be made at agreed intervals to carry out adjustments and repairs. A quotation will be given upon request to the contact numbers below.



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

HEAD OFFICE AND WORKS

Wallace View, Hillfoots Road, Stirling. FK9 5PY. Scotland.

SERVICELINE CONTACT

Phone: 01438 363 000

Fax: 01438 369 900

T100788 Ref.2

IMPORTANT INFORMATION

Warranty Policy Shortlist

Warranty does not cover :-

- Correcting faults caused by incorrect installation of a product.
- Where an engineer cannot gain access to a site or a product.
- Repeat commission visits.
- Replacement of any parts where damage has been caused by misuse.
- Engineer waiting time will be chargeable.
- Routine maintenance and cleaning.
- Gas conversions i.e. Natural to Propane gas.
- Descaling of water products and cleaning of water sensors where softeners/ conditioners are not fitted, or are fitted and not maintained.
- Blocked drains
- Independent steam generation systems.
- Gas, water and electrical supply external to unit.
- Light bulbs
- Re-installing vacuum in kettle jackets.
- Replacement of grill burner ceramics when damage has been clearly caused by misuse.
- Where an engineer finds no fault with a product that has been reported faulty.
- Re-setting or adjustment of thermostats when unit is operating to specification.
- Cleaning and unblocking of fryer filter systems due to customer misuse.
- Lubrication and adjustment of door catches.
- Cleaning and Maintenance
 - Cleaning of burner jets
 - Poor combustion caused by lack of cleaning
 - Lubrication of moving parts
 - Lubrication of gas cocks
 - Cleaning/adjustment of pilots
 - Correction of gas pressure to appliance.
 - Renewing of electric cable ends.
 - Replacement of fuses
 - Corrosion caused by use of chemical cleaners.

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 load as stipulated by the appliance data label.

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

We recommend:-

- Supplementary electrical protection with use of 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.

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 is stated on unit data plate. This is located on RH outer side panel.

SECTION 2 - ASSEMBLY

2.1 ASSEMBLY

Note

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

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

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

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

SECTION 3 - SERVICING

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

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

These 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 fascia 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.

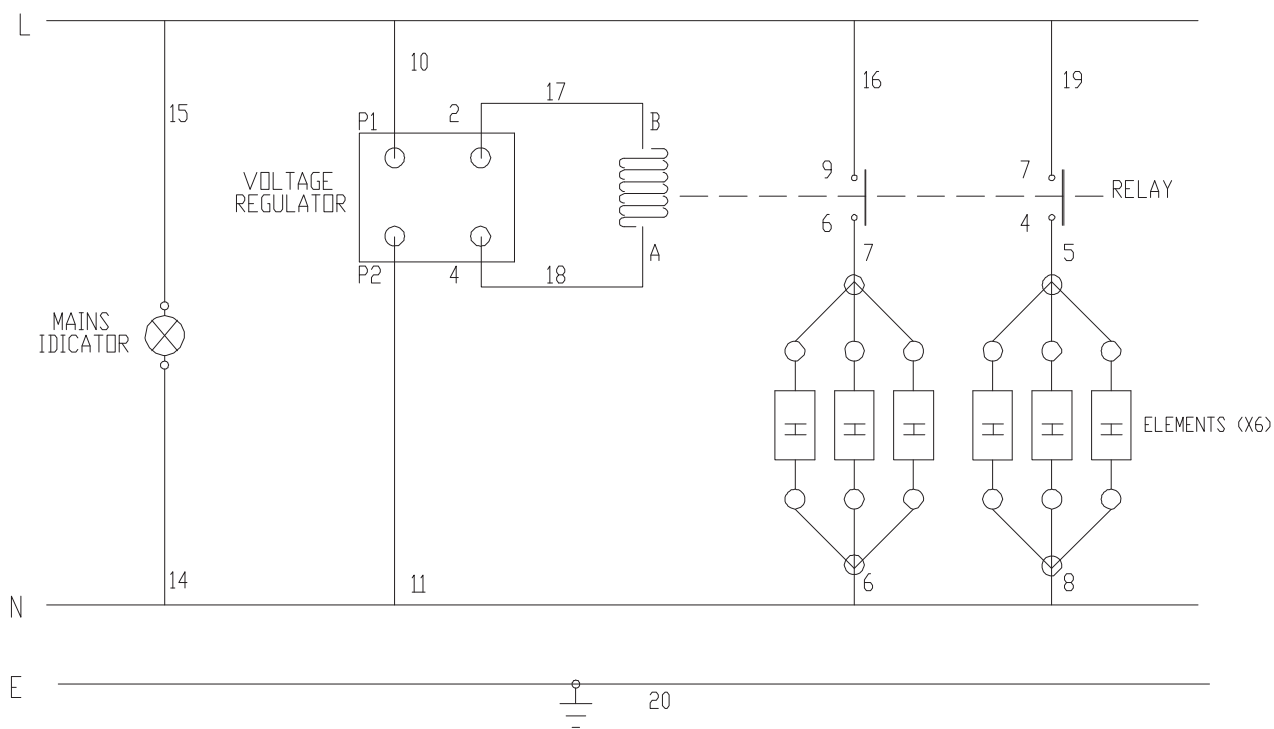
Secure to mounting bracket and replace panels in reverse order.

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

