

E2962, E2994 Manual-tilt Bratt Pans



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 CE-marked on the basis of compliance with the Low Voltage and EMC 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

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

T100724 Ref 7

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

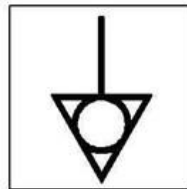


UNLESS OTHERWISE STATED, PARTS WHICH HAVE BEEN PROTECTED BY THE MANUFACTURER ARE NOT TO BE ADJUSTED BY THE INSTALLER

1.1 MODEL NUMBER, NETT WEIGHTS and DIMENSIONS

MODEL	WIDTH mm	DEPTH mm	HEIGHT mm	WEIGHT kg
E2962	600	770	870	123
E2994	900	770	870	165

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.



1.2 SITING

The appliance must be installed on a firm, level floor in a well lit position. If levelling is necessary, adjust the feet.

1.3 WIRING

These models are suitable for use on AC supply, i.e. single phase or 3 phase systems. It is important to ensure that the terminals are correctly arranged to suit supply available.

The main terminals are situated behind wiring guard, inside bottom door.

The cable entry is located at the rear of unit.

The connection to main electric supply must be made through a suitable isolating switch with a contact separation of at least 3mm in all poles. Wiring should conform to I.E.E. regulations and the installation should satisfy local supply authority.

Note

When connecting unit to a single phase supply, the three line terminals must be joined using a wire link. It is important that these connections are made exactly as shown in the following diagram.

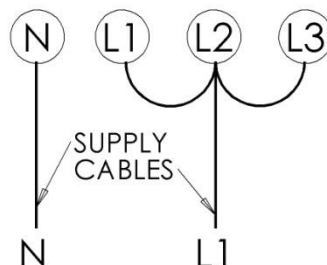


Figure 1



Warning
THIS APPLIANCE MUST BE EARTHED.

A terminal for this purpose is provided adjacent to supply terminals. An equipotential terminal is also provided at rear of unit.

Note

Precautions regarding earth leakage must be taken during installation.



1.4 LOADING

The electrical loadings are stated below.

Model	L1	L2	L3
E2962	12.8A	12.8A	
E2994	12.8A	12.8A	12.8A

1.5 CONTROLS

The various components and their functions are as follows:-

Contactor

Switches current to elements on and off when controlled by thermostat.

Microswitch

This produces a closed circuit when pan is level.

Red Indicator Lamp

This neon indicates that mains electricity is ON.

Amber Indicator Lamp

This neon indicates when current is supplied for elements to heat pan.

User's Thermostat (with knob)

This controls temperature of pan contents.

Safety Thermostat

This controls thermostat in the event of working thermostat failure.



Important

After installation, the engineer should check that all electrical connections are secure.

The engineer should check that appliance is functioning correctly before leaving the kitchen. They should also demonstrate the operating procedure to staff and point out the location of isolating switch for use in an emergency or during cleaning.

SECTION 2 – SERVICING

Important Safety Notes

1. Before attempting any servicing, isolate appliance at main switch. Take steps to ensure that it is not inadvertently switched on.
2. Certain operations require pan to be tilted or repositioned with control panel removed. Care should be taken not to touch live terminals. The control panel requires to be supported so that none of the live thermostat or neon terminals can come into contact with earthed parts.

2.1 CONTROL PANELS - To Remove

2.1.1 Main Panel

Ensure pan is in DOWN position. Open bottom front drop-down door.

Pull off thermostat knob.

Remove fixings at corners of control panel bottom edge and those at top flange.

Pull panel clear of unit and rest it carefully on floor. Take care not to strain wiring to thermostat and neons. Replace in reverse order.

2.1.2 Inner Panel

Remove fixings from either side and pull clear.

2.2 REMOVAL OF ELEMENTS

Tilt pan to fully raised position to allow access to element compartment. Remove element terminal by undoing fixings and pull back. Pull off wires attached to elements, noting respective positions for replacement. Undo fixing which retains earth wire and remove cover completely. Undo nuts which secure element cover and insulation. Element cover should now drop away from pan. Each element is held down by eight clamps, each secured by a nut. Undo nuts and clamps to remove elements.

To replace, assemble in reverse order.

2.3 NEONS

These are not repairable.

To replace a neon, first remove control panel.

Remove connections and locknut to remove from panel.

Fit replacement neon.

Finally replace electrical connections.

2.4 THERMOSTAT

To Remove

- a) Remove control panel as detailed in Section 2.1.
- b) Raise pan fully (Refer to Safety Note 2).
- c) Remove phial clamp plates fixings from pan underside.
- d) Pull off connections, noting locations.
- e) Remove fixings which secures thermostat to bracket.
- f) Remove thermostat and thread capillary tube and phial through apertures.
- g) Replace in reverse order.

2.5 HIGH TEMPERATURE LIMIT DEVICE

Set to trip at 232°C, device should not be interfered with unless cut-out has occurred and re-setting is required.

To Reset

- a) Remove control panel as detailed in Section 2.1.
- b) Press down pin on top of thermostat.
- c) Replace control panel.

To Replace

To replace, follow instructions for thermostat.

2.6 CONTACTOR - Removal

- a) Open control compartment door. Remove the controls cover by undoing the fixing at either end.
- b) Disconnect the wires from the contactor, noting their respective positions for correct replacement.



Note

When replacing a contactor, wires can be transferred to replacement to respective positions while disconnecting from existing component.

- c) Remove fixings (2) which secure contactor to mounting panel.
- d) To replace, assemble in reverse order.

General Note

After any maintenance task, check appliance to ensure that it performs correctly. Carry out any adjustments necessary as detailed in Section 1 - Installation.

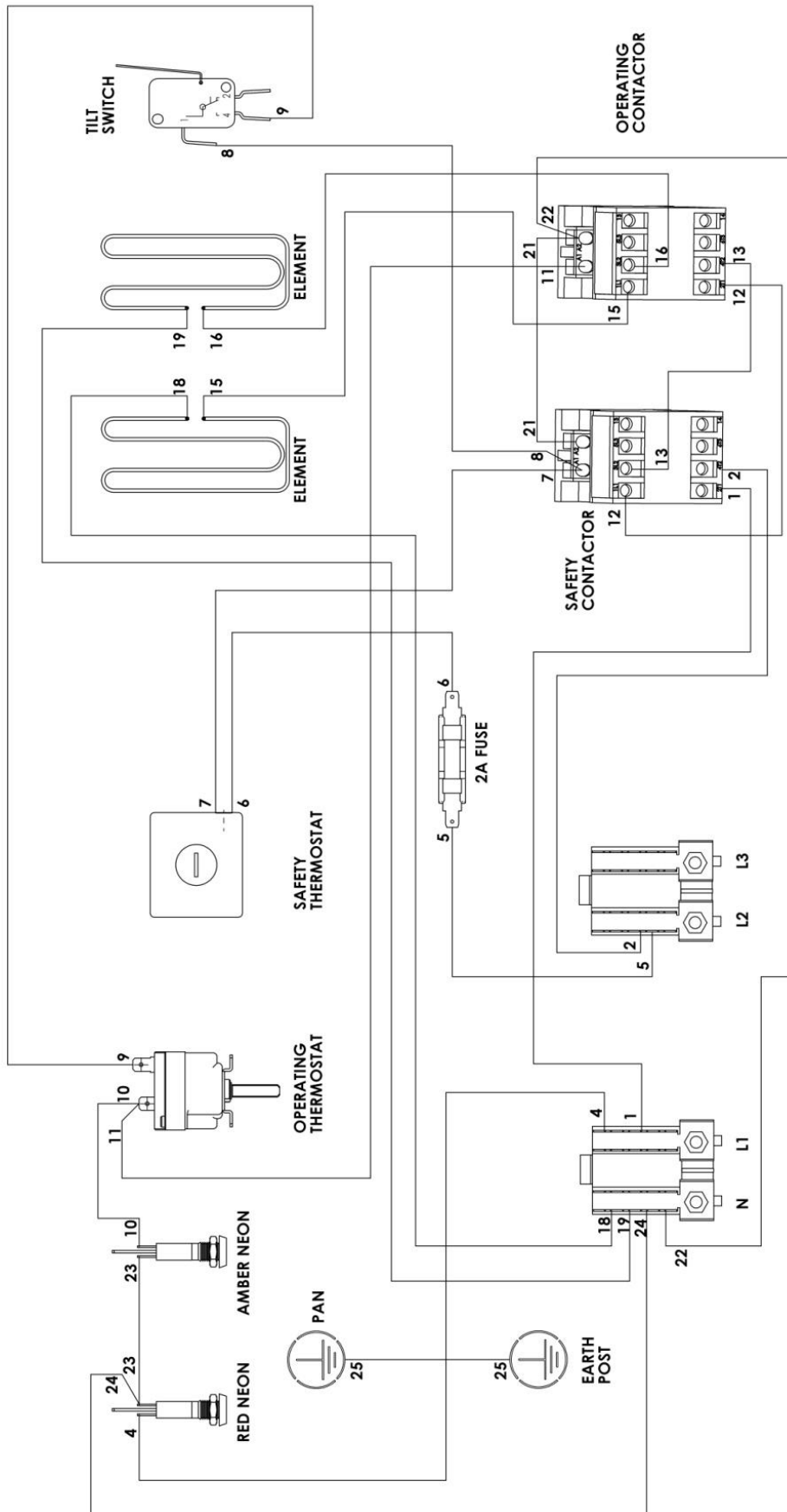
Spare Parts

When ordering spare parts, always quote appliance type and serial number. This information will be found on data badge attached to controls cover behind control compartment door. The appliance should never be cleaned by hosing down with a jet of water or steam cleaned.

Service

Contact Service Line number on the front of this manual.

E2962 BRATT PAN WIRING DIAGRAM



WIRES 6 & 7 ARE FLYING LEADS FROM SAFETY THERMOSTAT

E2994 BRATT PAN WIRING DIAGRAM

