20MSERIES

turbofan

E20M Series (Manual Operation)

Installation and Operation Manual







MANUFACTURED BY

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Contents List

E20M Series Turbofan Convection Ovens.

| Model | Numbers | Covered in | thic | Manual |
|-------|---------|------------|--------|----------|
| Model | Numbers | Covered in | 1 this | ivianuai |

Using the Oven

Cleaning Guidelines Oven Cleaning Periodic Maintenance

E22M3 - Turbofan Oven - 3 Tray Convection Oven.

| E23M3 - Turbofan Oven - 3 Tray Convection Oven. |
|---|
| E27M2 - Turbofan Oven - 2 Tray Convection Oven. |
| E27M3 - Turbofan Oven - 3 Tray Convection Oven. |
| E28M4 - Turbofan Oven - 4 Tray Convection Oven. |
| |
| Introduction2 |
| Safety Information |
| |
| Specifications3 |
| Installation4 |
| Installation Reguirements |
| Unpacking |
| Location |
| Clearances |
| Stand Mounted Ovens |
| Electrical Connection |
| Positioning and Levelling of Oven |
| Initial Start-Up |
| Operation6 |
| Operation Guide |
| Oven Control Panel |
| Description of Controls |

Cleaning and Maintenance7

Fault Finding......10

Electrical Schematics......11

Introducti on

Before using your new oven, please read this instruction manual carefully, pay particular attention to any information labelled 'WARNING', 'CAUTION', 'IMPORTANT' or 'NOTE' in this manual.

 \triangle

Warning

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.



Caution

Indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.

If you are unsure of any aspect of the installation, instructions or performance of your oven, contact your TURBOFAN dealer promptly. In many cases a phone call could answer your question.

Should you contact your TURBOFAN dealer on any matter concerning this oven, please have the information provided opposite, readily available.

This manual must be kept by the owner for future reference.

A record of the *Date of Purchase, Date of Installation* and *Serial Number of the oven* should be recorded in the area provided below.

The serial number of this oven can be found on the Technical Data Plate located on the front right hand side panel, see diagram in 'Installation Section'.

| Model Number: |
|-------------------|
| Serial Number: |
| Dealer: |
| |
| Service Provider: |
| |
| Date Purchased: |
| Date Installed: |

Safety Information

For your safety, please pay attention to the following symbols marked on the appliance.

- Risk of electric shock.

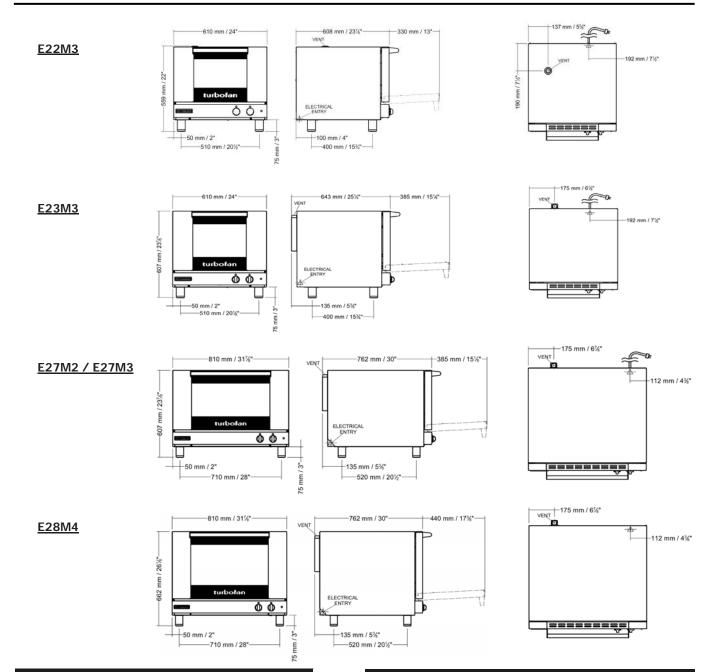


No user serviceable parts inside.

Qualified service person access only.

Disconnect from power before servicing.

Speci fi cati ons



| Oven Power Ratings | | | | | |
|--------------------|--------------------------------------|---|--|--|--|
| E22M3 | 100V, 110-120V, 220-240V, | 1P+N+E, 50-60HZ, 1.5 kW 1P+N+E, 60HZ, 1.5 kW 1P+N+E, 50/60HZ, 2.0 kW | | | |
| E23M3 | 200V, 208V, 220V, 230-240V, | 1P+N+E, 50-60HZ, 2.5 kW 1P+N+E, 50-60 HZ, 2.7 kW 1P+N+E, 50-60 HZ, 3.0 kW 1P+N+E, 50-60 HZ, 3.0 kW | | | |
| E27M2 | 208V, 220V, 230-240V, | 1P+N+E, 50-60HZ, 2.7kW 1P+N+E, 50-60HZ, 3.0kW 1P+N+E, 50-60HZ, 3.0kW | | | |
| E27M3 | 208V, 220V, 230-240V, | 1P+N+E, 50-60HZ, 4.2kW 1P+N+E, 50-60HZ, 4.7kW 1P+N+E, 50-60HZ, 4.7kW | | | |
| E28M4 | 208V, 220V, 230-240V, | 1P+N+E, 50-60HZ, 5.4kW 1P+N+E, 50-60HZ, 6.0kW 1P+N+E, 50-60HZ, 6.0kW | | | |

| Oven Tray Details | | | | | |
|-------------------|---|---|--|--|--|
| | Tray Capacity Tray Spacing | | | | |
| E22M3 | $3 \times EN^{2}/_{3}$ Tray $3 \times US \frac{1}{2}$ Pan | 70mm / 2 ³ / ₄ " | | | |
| E23M3 | 3 x EN ² / ₃ Tray 3 x US ½ Pan | 85mm / 3 ¹ / ₃ " | | | |
| E27M2 | 2 x EN 600 x 400mm Tray 2 x US Full Pan | 110mm / 4 ¹ / ₃ " | | | |
| E27M3 | 3 x EN 600 x 400mm Tray 3 x US Full Pan | 85mm / 3 ¹ / ₃ " | | | |
| E28M4 | 4 x EN 600 x 400mm Tray 4 x US Full Pan | 76mm / 3 " | | | |

Installation Requirements

Important:

- Installation shall comply with local electrical, health and safety requirements.
- It is most important that this oven is installed correctly and that oven operation is correct before use.
- If you have any questions regarding the proper installation and / or operation of this oven, please contact your local Turbofan distributor.

Unpacking

- Remove all packaging and transit protection including all protective plastic coating from the exterior stainless steel panels.
- 2. Check the oven and supplied parts for damage. Report any damage immediately to the carrier and distributor.
- 3. Check that the following parts have been supplied with your oven:-
 - 4 x Leg Adjustable.
- Report any deficiencies to the distributor who supplied your oven.
- 5. Securely fit the 4 legs supplied with the oven.
- 6. Check that the available electrical supply is correct to that shown on the Technical Data Plate located on the front right hand side panel.
 - Refer to 'Specifications' section, 'Oven Specifications Tables'.

Location

- 1. Position the oven in its approximate working position.
- The unit should be positioned so that the control panel and oven shelves are easily reachable for loading and unloading.

Clearances

To ensure correct ventilation for the motor and controls, the following minimum installation clearances are to be adhered to:-

Rear 25 mm / 1". LH Side 25 mm / 1". RH Side 25 mm / 1".

CLEARANCE FROM SOURCE OF HEAT.

A minimum distance of 300mm (12") from the appliance is required.

Important:

The vent located at the top (E22 Ovens) or rear (Other 20 Series Ovens) of the oven must NOT be obstructed.





Stand Mounted Oven

For ovens that are to be mounted to a stand, the oven feet are used to level the oven on the stand. Refer to the instructions supplied with separately ordered stands for mounting details.



Technical Data Plate - Location

Electrical Connection



Warning

This oven must be earthed / grounded.

If the supply cord is damaged, it must be replaced by a suitably qualified person in order to avoid a hazard.

Each oven should be connected to an adequately protected power supply and an isolation switch mounted adjacent to, but not behind the oven and must be readily accessible to the operator. This switch must be clearly marked and readily accessible in case of fire.

Check the electricity supply is correct to as shown on the Technical Data Plate on the front right hand corner of the oven side panel.

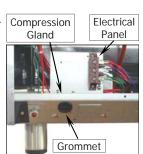
Ovens Supplied with Cordsets.

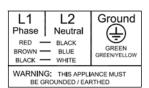
1. Ensure that the oven is fitted with the appropriate power cord and plug.

Ovens Supplied without Cordsets.

NOTE: All electrical connections must only be carried out by a suitably qualified person.

- 1. Remove oven rear cover panel.
- 2. Bring the supply cable up through the grommet at the back of oven and through the compression gland on the electrical switchgear panel.
- 3. Connect the mains supply to the appropriately marked terminals on the terminal block.





NOTE:

 Fixed wiring installations must incorporate an all-pole disconnection switch.

Positioning and Levelling of Oven

- 1. Correctly locate the oven into its final operating position and using a spirit level, adjust the legs so that the oven is level and at the correct height.
- 2. Adjust the oven feet to level the oven.

Initial Start-Up

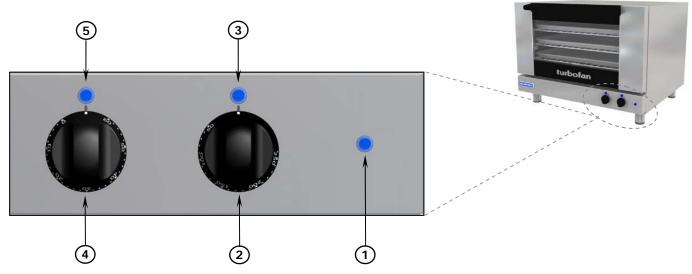
Before using the new oven;

- 1. For first time use of the oven, operate the oven for about 1 hour at 200°C / 400°F to remove any fumes or odours which may be present.
- 2. Please refer to the Operation Section of this manual for details on how to correctly operate and shutdown the oven.

Operation Guide

- Turbofan Ovens have been designed to provide simple operation.
- This oven is intended for use in a commercial kitchen and must only be put to the use for which it was intended, i.e. cooking food product. To use this oven correctly please read the following sections carefully:-

Oven Control Panel



Description of Controls

- 1 Power 'On' Indicator Light.
 Indicator light illuminates when the 'On' / 'Off' 'Temperature' control is turned 'On'.
- **On' 'Off' and 'Temperature Control'.**Used to turn the oven 'On' / 'Off' and to select the oven temperature. Also turns the oven interior light 'On' / 'Off'. (Not E22M3).
- Oven Heating Indicator Light.
 Indicator light illuminates when the elements are cycling 'On'. The oven heating indicator light will turn 'Off' when the oven is up to temperature.
- Timer Control (60 Minute).
 Used to set the bake time. At any stage, the time can be adjusted in either direction. For settings less than 10 minutes, first set to a higher setting, then turn the timer down to the time required.
- Time Up Indicator Light.
 Indicator light illuminates and the oven buzzer will sound when baking is complete.

Using the Oven



Caution

Some parts of this oven will become VERY HOT during use and could cause burns if touched accidentally.

To Turn 'On' the Oven;- Rotate 'Temperature' Control **(2)** from the 'Off' position. 'Power On' Indicator light **(1)** illuminates.

To Set the Temperature; - Rotate 'Temperature ' Control **(2)** to the temperature required. 'Oven Heating' indicator light **(3)** will remain 'On' until the oven is up to temperature.

To Load the Oven;- open the oven door and load product. Avoid delays in loading the oven as this will delay the oven's temperature recovery.

To Set the Timer;- Rotate the 'Timer Control' **(4)** to the required time.

NOTE: This oven can be used without using the 'Timer Control', as it is purely a timer and does not control the baking operation of the oven.

Time Up;- When the timer reaches 0 minutes the buzzer sounds and the 'Time Up' indicator light **(5)** illuminates. To cancel buzzer, turn Timer Control **(4)** to the 'Off' position.

To Turn 'Off' the Oven;- Rotate 'Temperature' Control **(2)** to 'Off' position. 'Power On' light **(1)** will turn 'Off'.

Cl eaning and Maintenance

Cleaning Guidelines



Caution

Always turn off electrical power at the mains supply before commencing cleaning.

This oven is not water proof. Do not use water jet spray to clean interior or exterior of the appliance.

To achieve the best results, cleaning must be regular and thorough. If any small faults occur, have them looked at promptly. Don't wait until they cause a complete breakdown.

NOTE:

- Carefully read and follow the safety instructions on the label of the cleaning product to be used.
- DO NOT use harsh abrasive scouring pads or abrasive detergents as they could damage the oven.
- Ensure that any detergent or cleaning material has been completely removed after each cleaning.

To keep your oven clean and operating at peak efficiency, follow the procedures shown below:-

Oven Cleaning

NOTE:

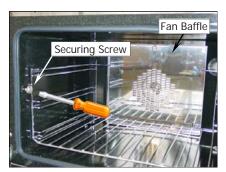
- If the oven usage is very high, the cleaning procedure should be carried out on a more frequent basis.
- Allow the oven interior to cool to approx 50°C / 120°F before commencing cleaning.

Stainless Steel Surfaces

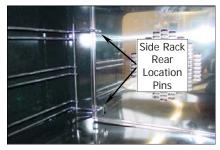
- a. Thoroughly clean the exterior surfaces of the oven with a damp cloth moistened with a mild detergent solution or a soft bristled brush.
- Baked on deposits or discolouration may require a good quality stainless steel cleaner. Always apply cleaner when the oven is cold and rub in the direction of the grain.

Side Racks

- a. Remove the wire oven racks.
- Partially undo the rack / baffle securing screw (anticlockwise) securing the rack to oven wall, until the rack is loose.



c. Pull racks forward to disengage the location pins at the rear of rack from the fan baffle, remove the side racks from the oven.



- d. Clean all racks with a mild anti bacterial detergent and hot water, using a soft bristled brush.
- e. Dry the racks thoroughly with a dry cloth.
- f. To refit the racks, engage the locating pins at the rear of side rack into the locating holes in the fan baffle at the rear of the oven.
- g. At the same time locate the front of the rack over the rack / baffle securing screw and hand tighten the rack / baffle securing screw.
- h. Refit the wire oven racks to the oven.

Fan Baffle (Not E22M3)

- a. Remove side racks as shown previously.
- b. Undo (anti-clockwise) and remove the rack / baffle securing screw at the top of the fan baffle. (E27 / E28 Ovens, have 2 rack / baffle securing screws).



- Tilt the fan baffle forward and lift up off the location brackets at rear of oven.
- d. Clean the fan baffle with mild anti bacterial detergent and a hot water solution using a soft bristled brush.
- e. Dry fan baffle thoroughly with a soft dry cloth before re-fitting.
- f. Refit the fan baffle and hand tighten the rack / baffle securing screw(s) to secure the fan baffle.

Cl eaning and Maintenance

Lamp Glass (Not E22M3)

 With side racks and fan baffle removed, unscrew lamp glass, anti-clockwise.



b. Remove seal fitted between lamp glass and holder.



- Clean the lamp glass using a soft cloth with a mild anti bacterial detergent and a hot water solution.
- d. Dry the lamp glass thoroughly with a dry cloth.
- e. To refit the lamp glass, screw the glass in clockwise. **Do not over tighten the lamp glass.**

Door Seal

 To remove door seal, pull 1 piece seal forward until it pulls out of groove around oven. Note way seal is fitted to oven, with lip facing inwards.



- b. Check for wear and damage to door seal and replace as required.
- c. Wash door seal in a sink, take care not to cut or damage seal.
- d. Dry the door seal thoroughly.
- e. Refit door seal with lip facing into centre of oven.



f. Press door seal into locating groove in front face of oven until seal is properly located all around oven.

Oven Interior

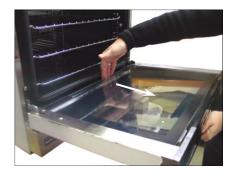
- Allow the oven interior to cool to approx 50°C / 120°F before commencing cleaning.
 - a. Remove the oven racks and the fan baffle as shown previously.
 - Clean any build up of grease from the oven interior, using a mild anti bacterial detergent, a hot water solution and a soft bristled brush.
 - c. Dry the oven thoroughly with a soft dry cloth.
 - d. Clean the oven regularly with a good quality oven cleaner.

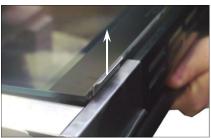
Door Glass Cleaning

- Ensure that the oven door is cool before cleaning the door glass.
 - a. Open the oven door.

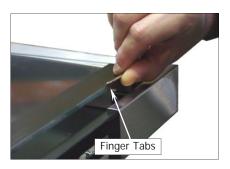
NOTE: Maintain a hold of the door with one hand whilst cleaning the inner glass, to prevent the door from closing.

 Whilst holding the oven door in the open position, grasp the bottom of the inner glass and pull glass towards you until the top of the inner glass rises up.





c. Grasp the inner glass by the finger tabs at the top of the glass and raise the inner glass to the vertical



Cl eaning and Maintenance

d. Whilst still holding the oven door in the open position, clean the inner glass and the inside of the outer glass with a conventional glass cleaner.



- e. Dry the oven glass thoroughly with a soft dry cloth.
- f. On completion of door glass cleaning, lower the inner glass back into the door, the glass will locate itself in the correct position.
- g. Close the oven door.

Door Inner Glass Removal

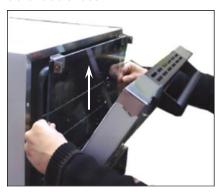
It is possible to remove the inner glass completely from the oven door for heavy cleaning. This can be done as follows:-

- a. Open the oven door fully.
- Using a suitable instrument, move the door lock catches from the unlocked to the locked position to prevent the door from closing.



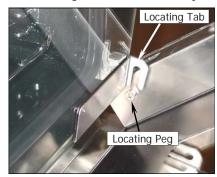


 Raise the door until it is restrained by the door lock catches. d. Grasp inner glass firmly on either side and pull upwards to remove inner glass from locating pegs on either side of door.

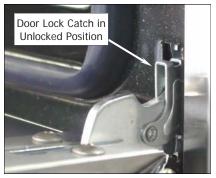


Door Inner Glass Re-Fitting

a. To refit inner glass, locate 2 locating tabs on either side of inner glass into 2 pegs on door and push down on inner glass until it locks firmly into position.



- b. Lower inner glass back into door, glass will locate itself in correct position.
- Open oven door fully and using a suitable instrument, move door lock catches to unlocked position.



NOTE: Check that both Door Lock Catches are in the 'Un-Locked' position before closing the door.

d. Close the oven door.

Periodic Maintenance

NOTE: All maintenance operations should only be carried out by a qualified service person.

Controls and mechanical parts should be checked and adjusted periodically by a qualified service person. It is recommended that appliance is serviced every 6 months.

Faul t Finding

This section provides a reference to the more common problems that may occur during the operation of your oven. This fault finding guide is intended to help you correct and accurately diagnose problems with your oven.

When fault finding a problem, always use a process of elimination starting with the simplest solution and working through to the most complex. Never overlook the obvious.

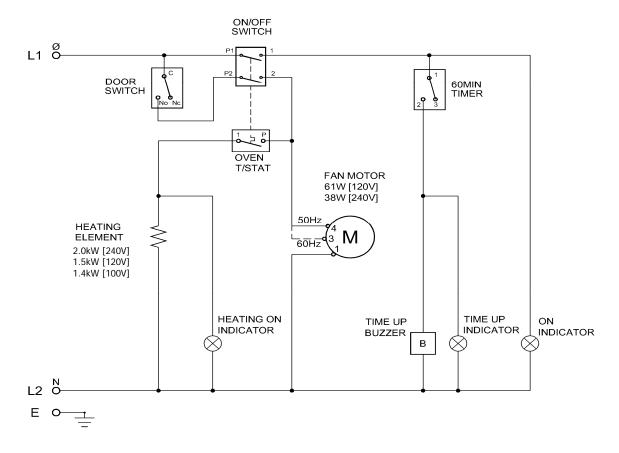
You may encounter a problem not covered in this section, please contact your service provider who will require the following information:-

• The Model and Serial Number of the oven, can be found on the Technical Data Plate located on the front right hand side panel of the oven.

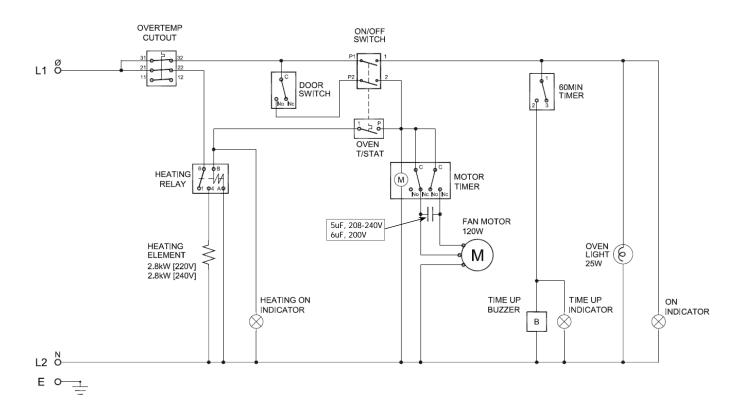
| Fault | Possible Causes | Remedy |
|--|--|--|
| | Fuse Blown (E27M3 - E28M4 Only). | Call for service. |
| | Mains isolating switch, circuit breaker or fuses are 'Off' at the power board. | Turn 'On'. |
| | Door not closed fully. | Close door. |
| | The external power switch is 'On', the oven is 'Off'. | Turn 'On' the 'On-Off Temp Control' switch. ('Power On' light will illuminate when oven is 'On'). |
| Oven does not operate / No heat in oven. | Overtemp tripped (No lights, no power light). (Not E22). | Reset Overtemp. (Not E22). |
| | Overtemp faulty. (Not E22). | Call for service. |
| | Element faulty. | Call for service. |
| | Thermostat faulty. | Call for service. |
| | Door Switch faulty. | Call for service. |
| | On / Off Switch faulty. | Call for service. |
| | Heating Relay faulty (Not E22M3). | Call for service. |
| | Motor timer faulty (Not E22M3). | Call for service. |
| Oven heats up but fan does not operate. | Fan motor faulty. | Call for service. |
| | Fan or fan motor obstructed. | Call for service. |
| | Tray in way of door. | Correctly position tray on rack. |
| | Door Lock Catches in 'Locked' position. | Check position of Door Lock Catches and 'Unlock', refer Page 9. |
| Door does not close fully. | Door glass not fitted correctly. | Refit door glass, refer Page 9. |
| | Door not fitted correctly. | Refit door. |
| | Door seal obstruction. | Correctly install door seal. (Refer to the 'Cleaning and Maintenance' Section). |
| Oven Door hot to touch | Inner glass not fitted. | Fit inner door glass. |
| Bake timer does not time down. | Bake timer not set correctly. | For settings less than 10 minutes, first set timer to a higher setting then turn back to setting required. |
| | Bake timer faulty. | Call for service. |
| Oven light not illuminating (Not E22M3). | Blown bulb. | Replace bulb. |
| | Too high a temperature selected. | Select a lower temperature. |
| | Oven or racks not level. | Check oven racks and level. |
| | Insufficient air space around trays or baking tins. | Ensure oven racks are spaced to allow air flow around baking on all shelves. |
| Unovon cooking | Oven overloaded with too much product. | Re-load oven with less product. |
| Uneven cooking. | Opening oven door un-necessarily. | Ensure oven door remains closed during the baking process. |
| | Oven door seal damaged or faulty. | Check seals and replace if damaged. |
| | Oven vent restricted. | Ensure oven vent not blocked or shrouded. |
| | Faulty thermostat. | Call for service. |

Electrical Schematics

Electrical Schematic E22M3 Turbofan Oven

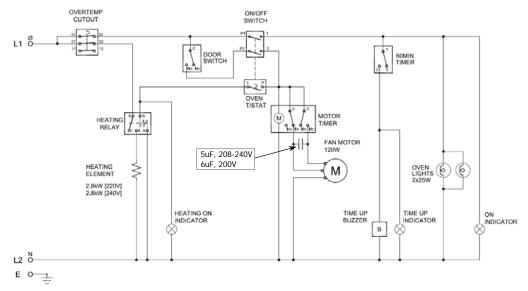


Electrical Schematic E23M3 Turbofan Oven

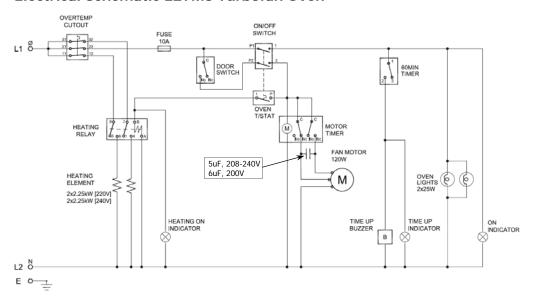


Electrical Schematics

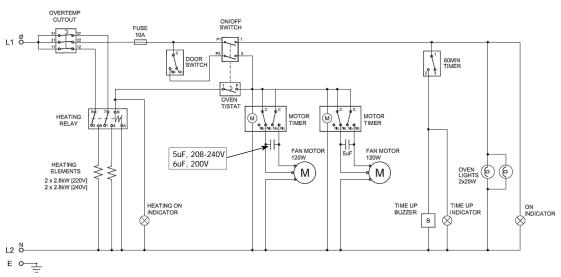
Electrical Schematic E27M2 Turbofan Oven



Electrical Schematic E27M3 Turbofan Oven



Electrical Schematic E28M4 Turbofan Oven



- 12 **-**

Replacement Parts List

Important:

Only genuine authorized replacement parts should be used for the servicing and repair of this oven. The instructions supplied with the parts should be followed when replacing components.

For further information and servicing instructions, contact your nearest authorized service provider or Turbofan Dealer.

When ordering replacement parts, please quote the part number and the description as listed below. If the part required is not listed below, request the part by description and quote model number and serial number which is shown on the Technical Data Plate.

| 235184 Oven Element, 1400W, 100V | Item | Description | E22 | E23 | E27M2 / E27M3 | E28 |
|--|---------|---------------------------------------|-----|-----|---------------------------|-----|
| 232765 Oven Element, 1500W, 110 - 120V | | - | • | | | |
| 23766 Oven Element, 2000W, 208 - 240V | 232765 | | • | | | |
| 234088 Oven Element, 2800W, 230 - 240V | | | • | | | |
| 234089 Oven Element, 2800W, 200 - 220V | | | | • | M2 only | |
| 234107 Oven Element, 4500W, 208 - 220V | | <u>'</u> | | | | |
| 234108 | | | | | | |
| 025387K Fan Motor Kit, 100 - 120V 013431K Fan Motor Kit, 200 - 240V 235585 Fan Motor Kit, 200 - 240V 022042 Fan Blade 234137 Fan Blade 234251 Capacitor 50F, 208 - 240V 237336 Capacitor 60F, 200V 237336 Capacitor 60F, 200V 237336 Capacitor 60F, 200V 6 Motor Timer 924562 Relay, 25A, DPDT 924505 Relay, 30A, SPST 924505 Relay, 30A, SPST 9234803 Fuse Holder 934821 Overtemp, 355°C / 670°F - 20k 934821 Overtemp, 355°C / 670°F - 20k 93573 Overtemp, 355°C / 670°F - 20k 935873 Overtemp Cap 233607 Thermostat, 50 - 260°C / 150 - 500°F 933867 Rotary OR / OFF Switch 9233867 Rotary OR / OFF Switch 9233867 Knob Thermostat, 150 - 500°F 933868 Door Microswitch 943396 LED Indicator 954397 Ske Time of Minute | | | | | | |
| 013431K Fan Motor Kit, 208 - 240V 235555 Fan Motor Kit, 200 - 240V 022042 Fan Blade 234137 Fan Blade 235420 Fan Puller 234251 Capacitor 5uF, 208 - 240V 237336 Capacitor 6uF, 200V 248666 Motor Timer 024505 Relay, 30A, SPST 042405 Relay, 30A, SPST 04234803 Fuse 10A, 250V 044607 M3 only 0234803 Fuse 10A, 250V 044607 M3 only 034821 Overtemp, 355°C / 670°F - 20k 0433607 Thermostat, 50 - 260°C / 150 - 500°F 0433867 Rotary ON / OFF Switch 0433867 Rotary ON / OFF Switch 0533867 Rotary ON / OFF Switch 0533867 Knob Thermostat, 150 - 260°C 0533867 Rotary ON / OFF Switch 060 Sake Timer 60 Minute 071760 Bake Timer 60 Minute 071760 Bake Timer 60 Minute 0717760 Bake T | | | | | • IVIS OTHY | |
| 235585 Fan Motor Kit, 200 - 240V | - | · · · · · · · · · · · · · · · · · · · | | | | |
| 022042 | | • | • | | | |
| 234137 Fan Blade 235420 Fan Puller 234251 Capacitor 5uF, 208 - 240V 237336 Capacitor 5uF, 208 - 240V 237336 Capacitor 6uF, 200V 236666 Motor Timer 24565 Relay, 25A, DPDT 24505 Relay, 30A, SPST 244002 Fuse Holder 24505 Relay, 30A, SPST 244002 Fuse Holder 24505 Falay, 30A, SPST 254002 Fuse Holder 254060 Fuse 10A, 250V 254002 Fuse Holder 254060 Fuse 10A, 250V 254002 Fuse Holder 254060 Fuse 10A, 250V 254002 Fuse Holder 254002 Fuse | | • | | • | • | • |
| 234251 Capacitor 5uF, 208 - 240V | - | | • | | | |
| 234251 Capacitor 5uF, 208 - 240V 237336 Capacitor 6uF, 200V 0 | | | | | | |
| 237336 Capacitor 6uF, 200V 236666 Motor Timer 024562 Relay, 25A, DPDT 04505 Relay, 30A, SPST 04606 Relay, 30A, SPST 04707 M3 only 234802 Fuse Holder 234803 Fuse 10A, 250V 234821 Overtemp, 355°C / 670°F - 20k 234827 Overtemp, 355°C / 670°F - 20k 233573 Overtemp Cap 233607 Thermostat, 50 - 260°C / 150 - 500°F 233867 Rotary 0N / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 50 - 500°F 233616 Knob Thermostat, 50 - 500°F 233617 Knob Thermostat, 150 - 500°F 233618 Door Microswitch 233618 LED Indicator 233618 Knob Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 011760 Bake Timer 60 Minute 011760 Bake Timer 60 Minute 011761 Bake Timer 60 Minute 01233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 01794K Buzzer, 200 - 240V 01794K Buzzer, 200 - 240V 01794K Doven Lamp Lens 0233613 Oven Lamp Lens 033383 Oven Lamp Seal 033380 Door Inner Glass - E22 033391 Door Inner Glass - E27 033394 Door Inner Glass - E27 033395 Door Hinge - E23 033393 Door Inner Glass - E27 033393 Door Hinge - E23 033394 Door Hinge - E28 033399 Door Hinge - E28 033399 Door Hinge - E28 0332667 Door Seal - E23 | 235420 | | | • | • | • |
| 236666 Motor Timer | 234251 | Capacitor 5uF, 208 - 240V | | • | • | • |
| 024562 Relay, 25A, DPDT M3 only 024505 Relay, 30A, SPST M2 only 234802 Fuse Holder M3 only 234803 Fuse 10A, 250V M3 only 234821 Overtemp, 355°C / 670°F - 20k M3 only 233573 Overtemp Cap M3 only 233607 Thermostat, 50 - 260°C / 150 - 500°F M8 only 233616 Knob Thermostat, 50 - 260°C M8 only 233617 Knob Thermostat, 150 - 500°F M8 only 233618 LED Indicator M8 only 234136 LED Indicator M8 only 231361 Knob Bake Timer 60 Minute M8 only 231361 Knob Bake Timer (0 - 60 Minute) M8 only 231361 Knob Bake Timer (0 - 60 Minute) M8 only 23362 Buzzer, 100 - 120V M9 only 23144 Lamp Bulb G9 25W, Halogen M8 only 233883 Oven Lamp Lens M8 only 233391 Door Inner Glass - E22 M8 only 233393 Door Inner Glass - E23 M8 only 2333292 Door Inner Glass - E28 M8 only | 237336 | Capacitor 6uF, 200V | | • | • | • |
| 024505 Relay, 30A, SPST M2 only 234802 F use Holder M3 only 234803 F use 10A, 250V M3 only 234821 Overtemp, 355°C / 670°F - 20k M3 only 233573 Overtemp Cap M3 only 233607 Thermostat, 50 - 260°C / 150 - 500°F M9 only 23387 Rotary ON / OFF Switch M9 only 233616 Knob Thermostat, 50 - 260°C M9 only 233861 Knob Thermostat, 150 - 500°F M9 only 233862 Door Microswitch M9 only 234136 LED Indicator M9 only 234136 Buzzer, 100 - 120V M9 only 234136 Buzzer, 200 - 240V M9 only 23315 Oven Lamp Lens M9 only 233883 Oven Lamp Lens M9 only 233883 Oven Lamp Seal M9 only <td>236666</td> <td>Motor Timer</td> <td></td> <td>•</td> <td>•</td> <td>•</td> | 236666 | Motor Timer | | • | • | • |
| 234802 Fuse Holder | 024562 | Relay, 25A, DPDT | | | M3 only | • |
| 234803 Fuse 10A, 250V | 024505 | Relay, 30A, SPST | | • | M2 only | |
| 234821 Overtemp, 355°C / 670°F - 20k 233573 Overtemp Cap 233607 Thermostat, 50 - 260°C / 150 - 500°F 233887 Rotary ON / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bub G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 2333913 Door Inner Glass - E23 233346 Door Inner Glass - E28 234602 Door Inner Glass - E28 234602 Door Inner Glass - E28 233292 Door Hinge - E27 233294 Door Hinge - E27 233295 Door Hinge - E27 233296 Door Hinge - E27 233296 Door Hinge - E27 233296 Door Seal - E27 233296 Door Seal - E27 233296 Door Seal - E28 | 234802 | Fuse Holder | | | M3 only | • |
| 233573 Overtemp Cap 233607 Thermostat, 50 - 260°C / 150 - 500°F 233887 Rotary ON / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E28 234602 Door Inner Glass - E28 234602 Door Inner Glass - E28 233293 Door Hinge - E22 233293 Door Hinge - E22 233294 Door Hinge - E27 233295 Door Hinge - E28 234666 Door Seal - E27M2 / E27M3 234666 Door Seal - E27M2 / E27M3 | 234803 | Fuse 10A, 250V | | | M3 only | • |
| 233607 Thermostat, 50 - 260°C / 150 - 500°F 233887 Rotary ON / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb 69 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E28 233460 Door Inner Glass - E28 234602 Door Inner Glass - E28 233292 Door Hinge - E23 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E27 232666 Door Seal - E27 | 234821 | Overtemp, 355°C / 670°F - 20k | | • | • | • |
| 233607 Thermostat, 50 - 260°C / 150 - 500°F 233887 Rotary ON / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 50 - 260°C 233618 Loor Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 234131 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb 69 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233391 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E23 233294 Door Hinge - E23 233295 Door Hinge - E28 234665 Door Seal - E27 232666 Door Seal - E27 | 233573 | Overtemp Cap | | • | • | • |
| 233887 Rotary ON / OFF Switch 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233883 Oven Lamp Seal 233893 Door Inner Glass - E22 233913 Door Inner Glass - E23 233913 Door Inner Glass - E28 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E22 233294 Door Hinge - E28 234665 Door Seal - E27 232666 Door Seal - E27 232666 Door Seal - E27M2 / E27M3 23466 Door Seal - E27M2 / E27M3 | 233607 | · · | • | • | • | • |
| 233616 Knob Thermostat, 50 - 260°C 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233833 Oven Lamp Seal 233837 Door Inner Glass - E22 233913 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass - E28 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E28 234665 Door Seal - E28 234666 Door Seal - E23 232666 Door Seal - E27 232666 Door Seal - E27 Seal Seal Seal Seal Seal Seal Seal Seal | | · · · · · · · · · · · · · · · · · · · | • | • | • | • |
| 233617 Knob Thermostat, 150 - 500°F 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 31814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233364 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Hinge - E22 233293 Door Hinge - E22 233294 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E23 232667 Door Seal - E23 232666 Door Seal - E23M | | - | | | | |
| 233862 Door Microswitch 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E23 233368 Door Inner Glass - E28 234602 Door Inner Glass - E28 234602 Door Hinge - E22 233293 Door Hinge - E22 233294 Door Hinge - E22 233295 Door Hinge - E27 232666 Door Seal - E27M2 / E27M3 232666 Door Seal - E27M2 / E27M3 23466 Door Seal - E27M2 / E27M3 23466 Door Seal - E27M2 / E27M3 | | · · · · · · · · · · · · · · · · · · · | | | | |
| 234136 LED Indicator 011760 Bake Timer 60 Minute 233613 Knob Bake Timer (0 - 60 Minute) 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E22 233294 Door Hinge - E27 233295 Door Hinge - E28 23465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | • | | | | |
| 011760 Bake Timer 60 Minute • • • • • • • • • • • • • • • • • • • | | | | | | |
| 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | • | • | • | • |
| 015822K Buzzer, 100 - 120V 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | 233613 | Knob Bake Timer (0 - 60 Minute) | • | • | • | • |
| 011794K Buzzer, 200 - 240V 233115 Oven Lamp Lens 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | , , | • | | | |
| 231814 Lamp Bulb G9 25W, Halogen 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 234466 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | 011794K | Buzzer, 200 - 240V | • | • | • | • |
| 233883 Oven Lamp Seal 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232666 Door Seal - E27 234466 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | 233115 | Oven Lamp Lens | | • | • | • |
| 233370 Door Inner Glass - E22 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | Lamp Bulb G9 25W, Halogen | | • | • | • |
| 233913 Door Inner Glass - E23 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | • | | • | • | • |
| 233368 Door Inner Glass - E27 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | • | | | |
| 233346 Door Inner Glass - E28 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | • | | |
| 234602 Door Inner Glass Catch 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | | • | _ |
| 233292 Door Hinge - E22 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | _ | | |
| 233293 Door Hinge - E23 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | • | • | • |
| 233294 Door Hinge - E27 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | • | _ | | |
| 233295 Door Hinge - E28 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | • | | |
| 234465 Door Seal - E22 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | | | | | • | |
| 232667 Door Seal - E23 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | 233295 | - | | | | • |
| 232666 Door Seal - E27M2 / E27M3 234466 Door Seal E28 | 234465 | | • | | | |
| 234466 Door Seal E28 • | 232667 | Door Seal - E23 | | • | | |
| | | | | | • | |
| 232379 Leg Adjustable (73 - 80mm) • • • | 234466 | Door Seal E28 | | | | • |
| | 232379 | Leg Adjustable (73 - 80mm) | • | • | • | • |

Replacement Parts List

Replacement Parts List (Continued).

| Item | Description | E22 | E23 | E27M2 / M3 | E28 |
|--------|------------------------------|-----|-----|---------------------------|-----|
| 233521 | Side Rack LH, E22 | • | | | |
| 233522 | Side Rack RH, E22 | • | | | |
| 232682 | Side Rack LH, E23 | | • | | |
| 232683 | Side Rack RH, E23 | | • | | |
| 233558 | Side Rack LH, E27M3 | | | M3 only | |
| 233559 | Side Rack RH, E27M3 | | | M3 only | |
| 234721 | Side Rack LH, E27M2 | | | M2 only | |
| 234722 | Side Rack RH, E27M2 | | | M2 only | |
| 233556 | Side Rack, E28 | | | | • |
| 233564 | Oven Rack E22, E23 | • | • | | |
| 233565 | Oven Rack E27, E28 | | | • | • |
| 233552 | Rack / Baffle Securing Screw | • | • | • | • |