



INSTALLATION / OPERATION MANUAL

E27 CONVECTION OVEN

MANUFACTURED BY

Moffat Limited
P O Box 10-001
Christchurch
New Zealand
Ph: (03) 3891-007
Fax: (03) 3891-276

WORLD-WIDE BRANCHES**UNITED KINGDOM**

Blue Seal
Units 6-7, Mount Street Business Park
Mount Street, Nechells
Birmingham B7 5 QU
Ph: (121) 327-5575
Fax: (121) 327-9711

UNITED STATES

Moffat Inc
3765 Champion Blvd
Winston-Salem
North Carolina 27115
Ph: (336) 661 0257
Fax: (336) 661 9546

CANADA

Lessard Agencies Ltd
P O Box 97
Stn D Toronto
Ontario M6P3J5
Ph: (416) 766-2764
Fax: (416) 760-0394

NEW ZEALAND**Christchurch**

Moffat Limited
P O Box 10-001
16 Osborne Street
Christchurch
Ph: (03) 3891-007
Fax: (03) 3891-276

Auckland

Moffat Limited
4 Waipuna Road
Mt Wellington
Auckland
Ph: (09) 574-3150
Fax: (09) 574-3159

AUSTRALIA**Victoria**

Moffat Pty Limited
740 Springvale Road
Mulgrave, Melbourne
Victoria 3171
Ph: (03) 9518-3888
Fax: (03) 9518-3838

New South Wales

Moffat Pty Limited
8/142 James Ruse Drive, Rose Hill
P O Box 913, Smithfield
Sydney, N.S.W. 2142
Ph: (02) 8833 4111
Fax: (02) 8833 4133

Western Australia

Moffat Pty Limited
P O Box 689
Joondalup Business Centre
WA 6027
Ph: (09) 305-8855
Fax: (09) 308-8838

Queensland

Moffat Pty Limited
30 Prosperity Place
Geebung, Brisbane
Queensland 4034
Ph: (07) 3215-9155
Fax: (07) 3215-9170

South Australia

Moffat Pty Limited
28 Greenhill Road
Wayville
South Australia 5034
Ph: (08) 8274 2116
Fax: (08) 8274 2129

Introduction 2

Installation 3

 Before Connection

 Location

 Electrical Connection

 Before use

Specifications 4

Operation 5

 Description of Controls

 Baking

Cleaning and Maintenance 7

Trouble Shooting..... 8

Spare Parts 9

Circuit Schematic 10

Date Purchased	Serial No.....
Dealer	
Service Agent.....	

Introduction

We are confident that you will be delighted with your TURBOFAN OVEN, and it will become a most valued appliance in your commercial kitchen.

A new oven can seem very complex and confusing at first glance. To ensure you receive the utmost benefit from your new Turbofan, there are two important things you can do.

Firstly

Please read the instruction book carefully and follow the directions given. The time taken will be well spent.

Secondly

If you are unsure of any aspect of the installation, instructions or performance of your oven, contact your E27 dealer promptly. In many cases a phone call could answer your question.

Installation Requirements



It is most important that this oven is installed correctly and that operation is correct before use.

Installation shall comply with local electrical, health and safety requirements.

Before Connection to Power Supply

- Remove all packing.
- Check equipment and parts for damage. Report any damage immediately to the carrier and distributor.
- Remove protective plastic coating from the side panels.
- Check that the following parts have been supplied with your oven:
2 x Oven rack
- The ovens feet should be fitted to the oven base.
- Report any deficiencies to the distributor who supplied the oven.
- Check that the available power supply is correct to that shown on the rating plate located on the right -hand side panel.

208-220 Volts A.C, 50/60 Hz, 14.4 A, 3.0 kW @ 208V

230-240 Volts A.C, 50/60 Hz, 12.5 A, 3.0 kW @ 240V

Location

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

Rear	25mm / 1"
Left-hand side	25mm / 1"
Right-hand side	25mm / 1"

- Position the oven in its working position.
- Use a spirit level to ensure oven is level from side to side and front to back. (If this is not carried out, uneven cooking could occur). The feet/legs used with bench/floor mounting or provided with stands are adjustable and will require adjusting in levelling the unit.
- The unit should be positioned such that the operating panel and oven shelves are easily reachable for loading and unloading.

Important:

THE VENT LOCATED ON THE OVEN TOP MUST NEVER BE OBSTRUCTED.

Electrical Connection

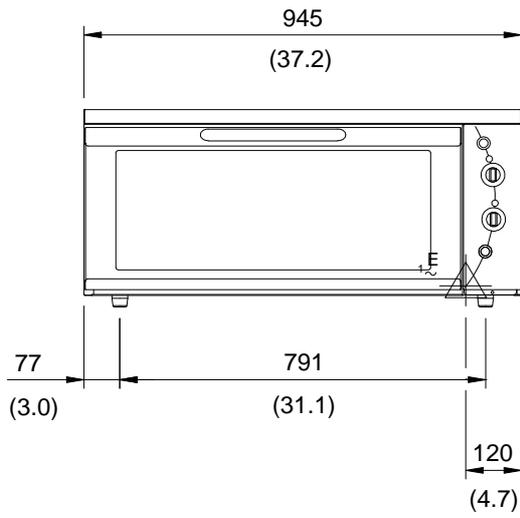
- Ensure unit is fitted with appropriate cord and plug.
- To access the electrical connection terminal block, grounding lug, and strain relief, remove the back panel (4 screws).

WARNING - THIS APPLIANCE MUST BE GROUNDED

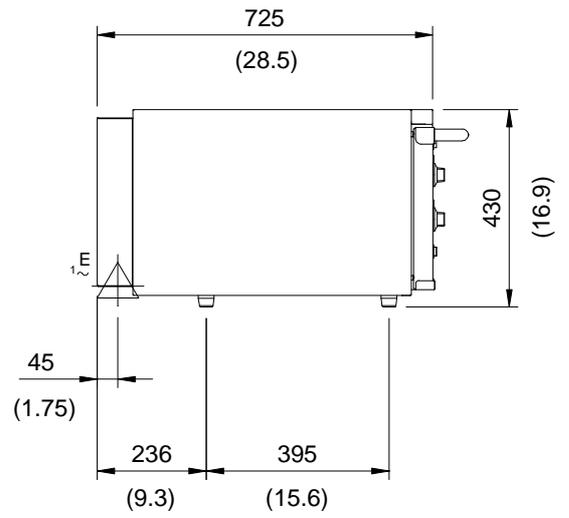
Before Use

- Operate the oven for about 1 hour at 200°C (400°F) to remove any fumes or odours which may be present.

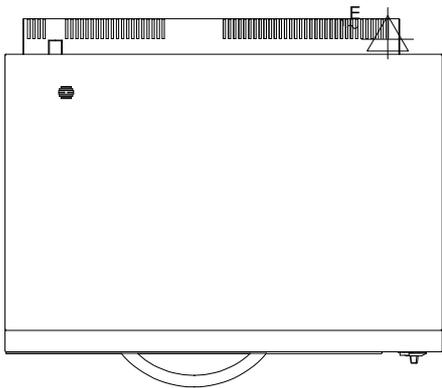
Specifications



FRONT



SIDE



PLAN

Dimensions shown in mm (dimensions in inches shown in brackets)

Electrical Connection	208-220 Volts A.C, 50/60 Hz, 14.4 A, 3.0 kW @ 208V 230-240 Volts A.C, 50/60 Hz, 12.5 A, 3.0 kW @ 240V
-----------------------	--

Operation Guide

Description of Controls



Power

Depress to switch power on or off (switch illuminates when power is on).



Thermostat

Temperature range 50 - 250°C (120 - 480°F).
Indicator illuminates when the elements are cycling ON to maintain set temperature.



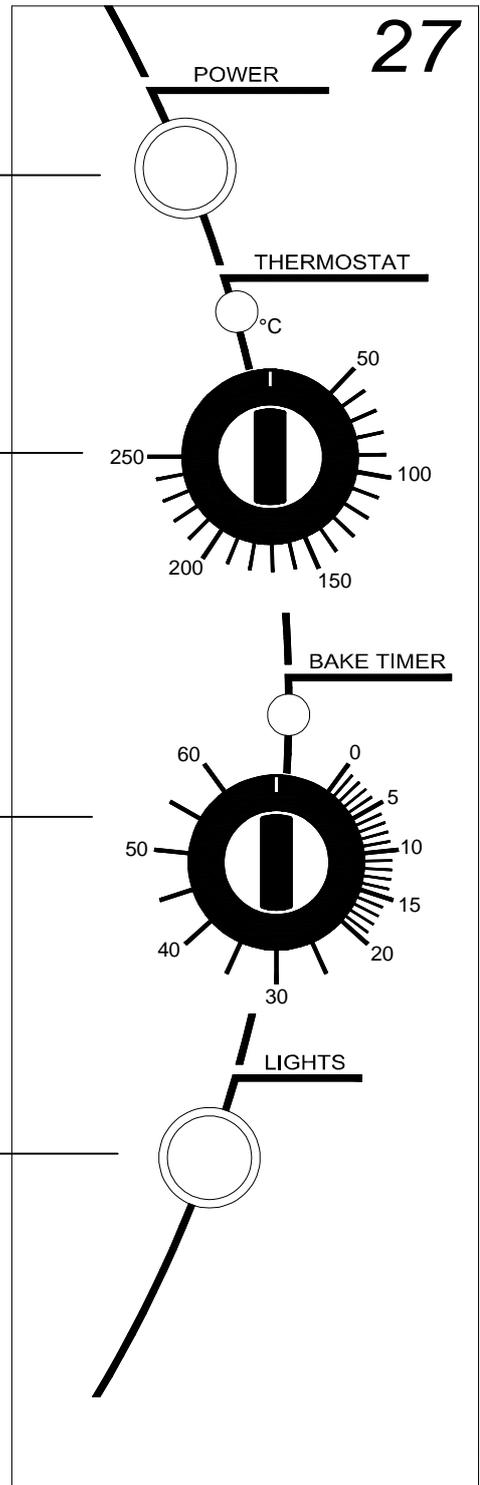
Bake Timer

1 Hour bake timer.
(Indicator illuminates when "time up" (0) reached, and buzzer sounds).



Light Switch

Push switch to activate light.
(Light illuminates while button depressed).



Operation

Baking



1. Turn power on

Power switch illuminates when it is depressed and latched in the down position.



2. Set thermostat to desired temperature

The heating indicator light will illuminate whenever the elements are cycling on to maintain the set temperature.



3. Load oven

Once the oven is up the temperature, open the door and load the oven with product. Avoid delays in loading the oven with the door open as this will delay the oven's temperature recovery.

Note:

The oven elements and fan will switch off and the oven lights will illuminate when the door is opened.



4. Set bake timer to desired time

To set timer, turn knob clockwise to the required time. At any stage, the time can be adjusted in either direction.

For settings less than 10 minutes, first set to greater setting, then turn down to the required time period.

Note:

This 60 minute timer is completely independent of the oven control.



5. Light

To view the product while baking, depress the light switch on the control panel. The light will stay on only while the switch is depressed.



6. Time up.

When the timer reaches 0 minutes the buzzer sounds and indicator illuminates.

To cancel the buzzer turn the timer to the off position.



7. Unload oven

Open the door and unload the oven .

Note:

The oven elements and fan will switch off and the oven lights will illuminate when the door is opened.

Cleaning Guidelines

Caution:

ALWAYS TURN OFF THE POWER SUPPLY BEFORE CLEANING.

THIS UNIT IS NOT WATER PROOF.

DO NOT USE WATER JET SPRAY TO CLEAN INTERIOR OR EXTERIOR OF THIS UNIT.

Exterior

Clean with a good quality stainless steel cleaning compound. Harsh abrasive cleaners may damage the surface.

Interior

Ensure that the oven chamber is cool. Do not use wire brushes, steel wool or other abrasive materials. Clean the oven regularly with a good quality oven cleaner. Take care not to damage the fan or the tube at the right side of the oven which controls the thermostat.

Oven Racks

To remove, slide out to the stop position, raise the front edge up, and lift out.

Side Racks

Undo the thumbscrew (counter-clockwise rotation) securing rack to oven wall, swing rack towards center of oven to disengage location pin at front of side, and pull rack forward to remove. To replace, engage rack in rear holes, swing towards side of oven to engage in front hole, and replace thumbscrew.

Fan Baffle

To remove, loosen thumbscrews (counter-clockwise rotation) at top of baffle. Lift baffle to disengage from locating studs and thumbscrews then pull forward to remove. Replace in reverse order.

Oven Seals

To remove, hold at their centre point and pull forward until they unclip. Remove side seals first, then top and bottom. The seals may be washed in the sink, but take care not to cut or damage them.

To replace, have the lip facing the oven opening on the top and sides, but for the bottom seal have the lip facing away from the oven opening. Fit the top and bottom seals first, then the side seals.

Oven Door Glass

Clean with conventional glass cleaners

Trouble-shooting

Fault	Possible Cause	Remedy
The oven does not operate / start.	The mains isolating switch on the wall, circuit breaker or fuses are "off" at the power board. The power switch on the oven is off.	Turn on. Depress switch. Switch will illuminate.
Bake timer does not time down.	Bake timer not set correctly.	For settings less than 10 minutes, first set to greater setting then turn back to desired setting.
Oven light not illuminating.	Blown bulb.	Replace bulb.
Slow recovery	Overloading of oven	Reduce batch size

Replacement part list**Controls**

021473	Switch - power
023211	Thermostat
021472	Knob - thermostat
020823	Knob - bake timer
020849	Neon indicator
011760	Bake timer
011794	Buzzer
021474	Light switch
024505	Relay
003004	Microswitch
003002	Oven lamp glass
013520	Oven lamp assembly
013521	Oven lamp - 240V 40W miniature Edison screw

Motor & Elements

024410	Oven fan element (2800W) - 220-240V
024409	Oven fan element (2800W) - 208-220V
024431	Fan motor
024432	Capacitor 3uf
024503	Motor timer 208-220V
024567	Motor timer 220-240V
024433	Fan
021698	Baffle securing screw

Door

SA1548	Complete door assembly
024405	Oven door seal assembly side
024404	Oven door seal assembly top/bottom
021468	Handle
024377	Door outer glass
024378	Door inner glass
023218	Door hinge

Racks

024406	Oven side rack LH
024407	Oven side rack RH
023068	Side rack screw
024408	Wire oven rack

Circuit schematic

