

Freestanding cooker OR30SDPWSX model Installation instructions and User guide

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Important! SAVE THESE INSTRUCTIONS

The models shown in this User Guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please go to our website www.fisherpaykel.com or contact your local Fisher & Paykel dealer.

1 US CA US CA

2 Safety and warnings

Your safety is important to us. Please read this information before using your cooktop.

Electrical Shock Hazard



Installation

▲ WARNING!



Disconnect the appliance from the mains electricity supply before carrying out any work or maintenance on it.

Connection to a good earth wiring system is essential and mandatory. Alterations to the domestic wiring system must only be made by a qualified electrician.

Failure to follow this advice may result in electrical shock or death.

AWARNING!



Tipping Hazard

To reduce the risk of tipping the appliance, the appliance must be secured

by properly installed anti-tip device packed with the appliance.

- ALL COOKERS CAN TIP
- INJURY TO PERSONS COULD RESULT
- INSTALL ANTI-TIP DEVICE PACKED WITH COOKER
- SEE INSTALLATION INSTRUCTIONS

AWARNING!



Cut Hazard

Take care - panel edges are sharp.

Failure to use caution could result in injury or cuts.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions carefully before installing or using this product.
- Save these instructions for the local electrical inspector's use.
- Please make this information available to the person responsible for installing your cooktop, as it could reduce the installation costs.
- Please leave these instructions with the appliance. Inform the customer to retain for future reference.

Safety and warnings

IMPORTANT SAFETY INSTRUCTIONS

- This appliance is to be installed and connected to the electricity supply only by a qualified technician in compliance with national codes, local regulations and according to these instructions.
- Electrical installation (including electrical grounding) must be done in accordance with the National Electrical Code, ANSI/NFPA70 – latest edition and/or local codes. In Canada: Electrical installation must be in accordance with the current CSA C22.1 Canadian Electrical Codes Part 1 and/or local codes.
- Failure to install the appliance correctly could invalidate any warranty or liability claims.
- For personal safety, this appliance must be properly grounded.
- Do not leave packaging elements (e.g. plastic bags, polystyrene foam, staples, packing straps) within easy reach of children during or after installation, as these may cause serious injury.
- Make sure you recycle the packaging material.
- Before disposing of any appliance, make sure that it can no longer be used and that all hazardous parts are removed or made harmless, so that children playing with the old appliance cannot harm themselves.
- Only genuine replacement parts may be used for servicing the appliance. These are available from your nearest Fisher & Paykel Authorized Service Center.
- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a rangehood that projects horizontally a minimum of 5 inches beyond the bottom of the overhead cabinets.
- This appliance is equipped with a four-prong grounding plug (NEMA 14-50P) for your protection against shock hazard and should be plugged directly into a properly grounded socket. Do not under any circumstances cut or remove the fourth (ground) prong from the power plug.
- If an external electrical source is utilized, the appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the national Electrical Code, ANSI/NFPA 70.
- The mains electricity switch should always be accessible.
- When installing or removing the cooker for service, a rolling lift jack should be used. Do not push against any of the edges of the cooker in an attempt to slide it into or out of the installation.
 Pushing or pulling a cooker (rather than using a lift jack) also increases the possibility of bending the leg spindles or the internal coupling connectors.

4 Safety and warnings



AWARNING!

Electrical Shock Hazard



C l

Do not cook on a broken or cracked cooktop. If the cooktop should break or crack, cleaning solutions and spillovers may penetrate it and create a risk of electrical shock. Contact a qualified technician immediately.

Failure to follow this advice may result in death or electrical shock.

AWARNING!



Cut Hazard

The razor-sharp blade of a cooktop scraper is exposed when the safety cover is retracted. Use with extreme care and always store safely and out of reach of children.

Failure to use caution could result in injury or cuts.

Safety and warnings



Operation and maintenance

AWARNING!



Fire Hazard

Never leave the appliance unattended when in use. Boilover causes smoking and greasy spillovers that may ignite.

NEVER try to extinguish a fire with water. Switch the appliance off at the wall and then cover the flame with a lid or fire blanket.

Failure to follow this advice may result in overheating, burning, and injury.

A WARNING!
Hot Surface Hazard DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS OR THE INTERIOR SURFACES OF THE OVEN. – Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units or areas near units until they have had sufficient time to cool. Among these areas are the glass surfaces within and around the circles and the interior of the oven. Never leave metal objects (such as kitchen utensils) or empty pans on the cooktop as they can become hot very quickly. Keep children away. Handles of saucepans may be hot to touch. Check saucepan handles do not overhang other cooking zones that are on. Keep handles out of reach of children. Do not store flammable items in the oven or warmer drawer. Failure to follow this advice could result in burns and scalds.

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Operation and maintenance

IMPORTANT SAFETY INSTRUCTIONS

- This appliance is designed and manufactured solely for the cooking of domestic (household) food and is not suitable for any non-domestic application and therefore should not be used in a commercial environment. The appliance warranty will be void if the appliance is used within a non-domestic environment (i.e. a semi commercial, commercial or communal environment).
- Proper installation Be sure your appliance is properly installed and grounded by a qualified technician.
- Never use your appliance for warming or heating the room.
- Do not leave children alone Children should not be left alone or unattended in the area where the appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
- Wear proper apparel Loose-fitting or hanging garments should never be worn while using the appliance.
- User servicing Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
- Storage in or on appliance Flammable materials should not be stored in an oven or near surface units.
- Do not use water on grease fires Smother fire or flame or use dry chemical or foam-type extinguisher.
- Use only dry potholders Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
- Use proper pan size This appliance is equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to cooking element will also improve efficiency.
- Never leave surface units unattended at high heat settings Boilover causes smoking and greasy spillovers that may ignite.
- Utensil handles should be turned inward and not extend over adjacent surface units To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.
- Do not cook on broken cooktop If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.
- Clean cooktop with caution If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.



Operation and maintenance

IMPORTANT SAFETY INSTRUCTIONS

- CAUTION Do not store items of interest to children in cabinets above an appliance children climbing on the appliance to reach items could be seriously injured.
- If the appliance is malfunctioning, it will display an alert code: first note down the alert code (see section 'Alert codes' in this manual), then contact your Authorized Service Center or Customer Care to arrange for service. Do not use your appliance until it has been repaired by a Fisher & Paykel authorized technician.
- Never use your appliance as a work or storage surface.
- Never leave any objects or utensils on the appliance.
- Do not place or leave aluminum foil on the cooktop.
- After use, always turn off the cooking zones as described in this manual.
- Children or persons with a disability which limits their ability to use the appliance should have a responsible and competent person to instruct them in its use. The instructor should be satisfied that they can use the appliance without danger to themselves or their surroundings.
- Do not use a steam cleaner to clean your cooktop.
- Do not place or drop heavy objects on your cooktop.
- Do not stand on your cooktop. Do not stand, sit or step or place heavy weights on the oven door.
- Do not use pans with jagged edges or drag pans across the ceramic glass surface as this can scratch the glass.
- Do not use scourers or any other harsh/abrasive cleaning agents to clean your cooktop, as these can scratch the ceramic glass.
- Make sure the electrical cables connecting other appliances in the proximity of the cooker cannot come into contact with the hob or become entrapped in the oven door.
- Fire risk! Do not store flammable material in the oven or warming drawer.
- Do not line the oven walls with aluminium foil. Do not place shelves, broiler pan, pans or other cooking utensils on the oven floor.
- Stand away from the cooker when opening the door. Hot air or steam which escapes can cause burns.
- Always use oven gloves or mitts when placing or removing items in the oven.
- Never touch the appliance with wet hands.
- After use, ensure the dials are all in the `OFF' position.
- The manufacturer declines all liability for injury to person or damage to property caused by incorrect or improper use of the appliance.
- Always turn off the mains power to the cooker prior to cleaning or maintenance.

Installation instructions

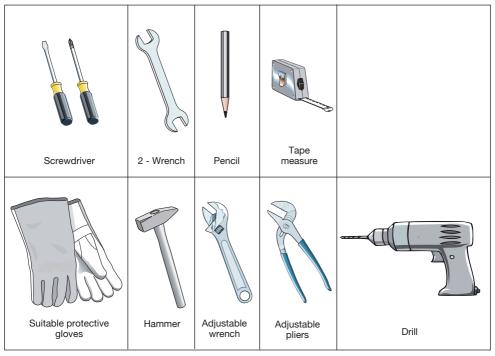
Important!

THIS APPLIANCE MUST BE INSTALLED BY A QUALIFIED INSTALLER. Improper installation, adjustment, alteration, services, or maintenance can cause injury or property damage. Consult a qualified installer, service agent, or the gas supplier.

\land WARNING!!

IMPORTANT: The use of suitable protective clothing/gloves is recommended when handling or installing this appliance.

Tools needed for installation (not supplied with the appliance)

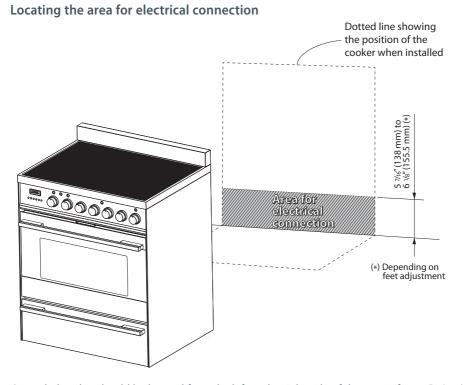


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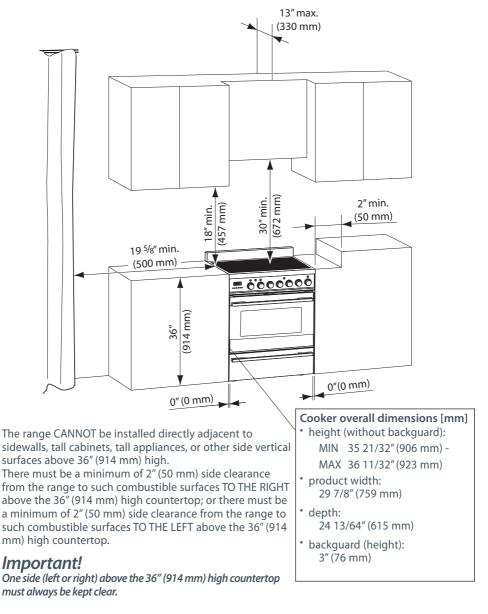
- The cooker must be installed no less than 2" (50 mm) away from any side walls which exceed the height of the cooktop.
- The cabinetry surrounding the cooker must be made of heat-resistant material and must be able to withstand temperatures of 150 °F (65 °C) above room temperature.
- Do not install the cooker near flammable materials (eg curtains).
- If you stand the cooker on a pedestal, make sure you provide safety measures to keep it in place.



Grounded outlet: should be located from the left to the right side of the range; from 5" 7/16 (138 mm) to 6" 1/8 (155.5 mm) [depending on feet regulation] from the floor. The electric cord with 4-prong ground plug (NEMA 14-50P) shall have a minimum length of 48" (1220 mm) beyond the back of the appliance.

Installation instructions

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The maximum upper cabinet depth recommended is 13" (330 mm).

Any wall cabinet above the range must be a minimum of 30" (762 mm) above the countertop with a minimum width of 30" (762 mm) and must be centered with the range. Side wall cabinets above the range must be a minimum of 18" (457 mm) above the countertop.

Installation instructions

11 US CA

Moving the cooker

Important!

To prevent damaging the adjustable feet or lower trim, ensure the cooker is always lifted by two people.

Do not lift the cooker by the door handles. DO NOT DRAG the cooker. Lift the feet clear of the floor.

Take extra care not to damage the door sensor (top right of oven).



Incorrectly lifting the cooker



Correctly lifting the cooker

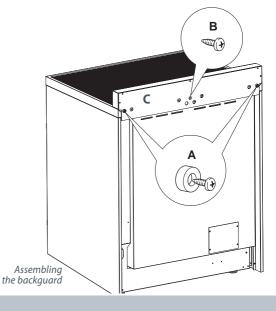


Incorrectly moving the cooker

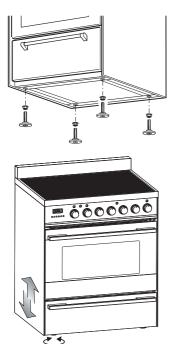
Fixing the backguard

It is mandatory to install the backguard. Before installing the cooker, assemble the backguard "C".

- The backguard "C" can be found packed with the cooker.
- 1 Before assembling, remove any protective film/adhesive tape.
- 2 Assemble the backguard "C" as shown
- 3 Screw in the two screws "A", interposing the spacers.
- 4 Screw in the central screw "B".

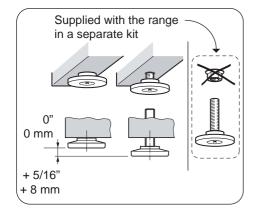


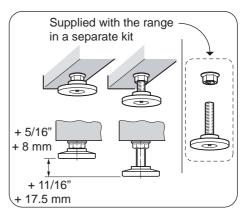




Levelling the range

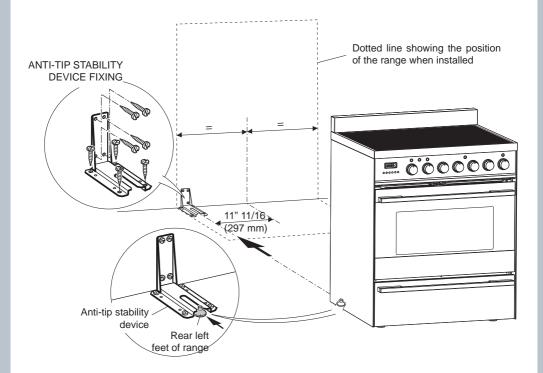
The range is equipped with 4 LEVELLING FEET and may be levelled by screwing or unscrewing the feet. Follow the directions below.





Anti-tip stability device installation instructions

- 1 the anti-tip bracket has to be attached as shown on figure below (only rear left side), it has to be fixed on the floor OR on the rear wall by no. 4 (four) suitable screws (not supplied). Alternatively the anti-tip bracket can also be fixed on the floor AND on the rear wall by no. 8 (eight) suitable screws (not supplied).
- 2 After fixing the anti-tip bracket, slide range into place. Be sure the rear left foot slides under the anti-tip bracket attached.





14 Installation instructions

Connecting the power supply cable

Important!

This cooker must be connected to the electricity supply only by an authorised person.

Your cooker is supplied with a certified 4 prong NEMA 14-50P power cord and should be plugged directly into a properly grounded socket. Do not under any circumstances cut or remove the forth (ground) prong from the power plug. Do not ground to a gas pipe. Do not have a fuse in the neutral or ground circuit.

Do not use an extension cord.

Check with a qualified electrical installer if you are not sure if the range is properly grounded.

If codes permit, and a separate ground wire is used, it is recommended that a qualified electrical technician determines the ground path and wire gauge are in accordance with local codes.

Be sure that the electrical connection and wire size are adequate and in conformance with:

ANSI/NFPA 70 latest addition and local codes and ordinances;

CSA standard C22.1, Canadian Electrical Code, Part 1 - latest edition and local codes and ordinances.

When a 4-wire, two phase 240-208/120V 60Hz AC only electrical supply is available a 50 amp maximum circuit protection is required, fused on both sides of the line.

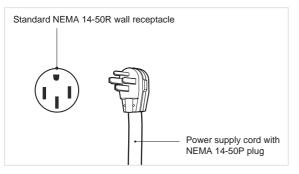
Replacing the power cord

Replacements should only be made by qualified electrical technicians.

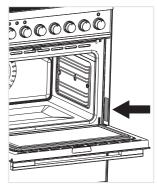
If replacing the power cord, use only a suitable UL or CSA approved one. Tighten the power cord using the power cord strain relief bracket supplied with the appliance. Allow enough slack to easily attach the cord terminals to the terminal block.

Voltage and Power Consumption

240-208 / 120V 60Hz 10350W (240V) 7800W (208V) 43.51A (240V) 37.82A (208V)

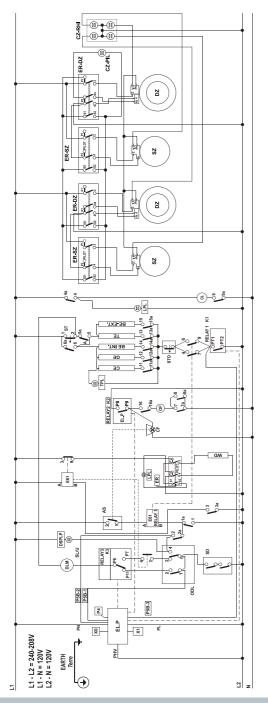


Location of Nameplate



US L

Wiring diagram



ELECTRIC DIAGRAM KEY

SZ	SINGLE COOKING ZONE
DZ ER-SZ	DOUBLE COOKING ZONE ENERGY REGULATOR (SINGLE ZONE)
ER-DZ	ENERGY REGULATOR (DOUBLE ZONÉ)
CZ-PIL	COOKING ZONES POWER INDICATOR LAMP
CZ-RHI	COOKING ZONES RESIDUAL HEAT INDICATOR LAMPS
Ь	OVEN LAMP
E61	RELAY
ы	CIRCULAR ELEMENT
GE	BROIL ELEMENT
쁘	TOP ELEMENT
BE-INT	BOTTOM ELEMENT INT.
BE-EXT	BOTTOM ELEMENT EXT.
Ŀ	THERMOSTAT PILOT LAMP
DSPL	DOOR SAFETY PILOT LAMP
ч	COOLING FAN
οF	OVEN FAN
ER	ENERGY REGULATOR
DLM	DOOR LOCK MOTOR

- STATUS LOCK/UNLOCK LINE PILOT LAMP WARMING DRAWER ELEMENT
- SAFETY THERMOSTAT ELECTRONIC PROGRAMMER DOOR STATUS, OPEN/CLOSED OVEN DOOR LATCH
- SSL WD LEL

- AIR SWITCH
- CONNECTIONS ON PROGRAMMER
 - SUPPLY PN/PL
- PROGRAM THERMOSTAT RELAY1 COOLING/OVEN FAN RELAY2 DOOR LOCK/UNLOCK RELAY3

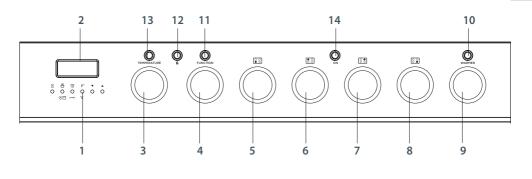
 - - P4 P4 P5 P5 P5 P5 P5
- FUNCTION STATE THERMOSTAT ENCODER FUNCTIONS ENCODER
- PROBE WIRES P5B(1)+P5B(2)+P5B(3)

Installation instructions



First use 17 us





Control panel

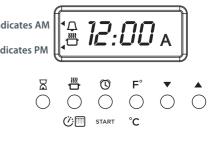
- 1 Control buttons
- 2 Clock display
- 3 Temperature dial
- 4 Function dial
- 5 Left front cooking zone dial
- 6 Left rear cooking zone dial
- 7 Right rear cooking zone dial

- 8 Right front cooking zone dial
- 9 Warming drawer control dial
- 10 Warming drawer indicator light
- 11 Function indicator light
- 12 Door lock indicator light
- 13 Temperature indicator light
- 14 Cooktop indicator light

18 Setting the clock

Buttons

sets the timer
 sets the cooking time
 sets the cooking time
 sets the stop time for automatic cooking
 set the oven temperature /
 select Celsius or Fahrenheit
 decreases the time and temperature
 increases the time and temperature
 sets the Self Clean time
 START
 starts the oven/starts the Self Clean cycle



Clock display and control buttons

Illuminated symbols

If the display shows		It means that	For more information	
	flashing 12:00	The clock needs to be set.	See instructions below.	
_	steadily lit	The oven is set for automatic cooking.		
A flashing and Automatic cooking has finis		Automatic cooking has finished	 See section 'Automatic cooking' 	
Ţ	steadily lit	The timer is set	See section 'Using the electronic timer'	
**	steadily lit	The oven is heating up	See section 'Using your oven'	

To set the clock

When the power to the appliance is turned on or restored after a power failure 12:00 will flash in the display.

- 1 Press 💾 and 🛈 together the display will stop flashing. The clock is now set for 12:00.
- 2 Press 🖶 and 🛈 together again to change the time. The display will flash
- 3 Rotate the temperature dial or press ▼ and ▲ to set the time. After a few minutes the display will be steadily lit, showing the time is set.

To change the time

- 1 Press 🖑 and 🛈 together. The display will flash.
- **2** Rotate the temperature dial or press \checkmark and \blacktriangle to set the time.

After a few seconds the display will remain steadily lit, showing the time is set.

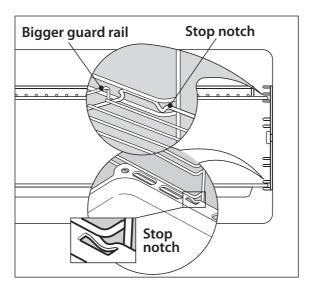
Note: when the indicator light is at the top the time is set for am when the indicator light is at the bottom the time is set for pm.

Indicates AM Indicates PM



Before using your new oven, please:

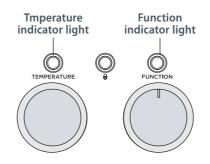
- 1 Read this user guide, taking special note of the 'Safety and warnings' section.
- 2 Remove all accessories and packaging. Peel the protective film off all surfaces and accessories.
- 3 Set the clock. The oven will not work until the clock has been set. See 'To set the clock'.
- 4 Slide in the shelves you will need, making sure that:
 - they are between the two wires of a shelf position;
 - the stop notches point down;
 - the bigger guard rail is at the back.
- 5 Heat the oven on maximum for:
 - 60 minutes in the 📐 position
 - 30 minutes in the position
 - 15 minutes in the position
 - There will be a distinctive smell while you are conditioning your oven. This is normal, but make sure your kitchen is well ventilated during the conditioning.
- 6 Once cooled, wipe out the oven with a damp cloth and mild detergent, and dry thoroughly.



Correct position of shelves



Using your oven



Function and temperature dials





1 Select a function

Rotate the function dial to select a function

- The function indicator light will come on.
- The preset function temperature will flash in the display. (Each cooking function has a preset temperature).

If you wish to use the oven at the preset temperature -

- Press the start button and the oven will turn on and heat up. The display will revert to show the actual oven temperature.
- the
 indicator will show in the display. Note: if you select
 if you selec

If the display is steadily lit and you wish to change the temperature either:

- 1 Rotate the temperature dial; or
- 2 Press the ^F_c^c button and use the ▼ and ▲ buttons to increase or decrease temperature.





- 2a Adjust the temperature There are two ways to set the temperature while the display is
- flashing:
 Rotate the temperature dial (clockwise to increase and anticlockwise to decrease the temperature);
 OR
- Use the ▼ and ▲ buttons to increase or decrease the set temperature.
- Press the START button. After a few seconds, the display will stop flashing and the oven will turn on and heat up. The display will revert to show the actual oven temperature.
- The 🛗 indicator will show in the display.

Note: The temperature indicator light will come on.







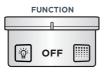
- 3 When the oven is preheating and during cooking
- The H indicator will show in the display.
- When the oven has reached the set temperature the indicator and the temperature indicator light will go out. Note: these indicators may turn on and off during cooking as the oven maintains the set temperature.

4a To check the set temperature

- Press the ⁵/_c^c^c button. The display will flash showing the set temperature.
- After a few seconds the display will return to the actual oven temperature and the display will be steadily lit.

4b To check the time of day

 Press the ③ button.
 After a few seconds the display will show the oven temperature again.



- 5 When you have finished cooking
- Turn the function dial to OFF to turn the oven off.

Note: if you change functions during cooking (eg from BAKE to BROIL) you will need to press the start button again.





Only the oven light comes on. It remains on in all the cooking functions.



this is not a cooking function

Only the oven fan comes on. The fan circulates air around the oven, speeding up the defrosting process by approximately 30%. Note: this function is not for cooking food.



FAN FORCED

The circular heating element and the fan come on. The oven set on FAN FORCED can cook several different foods together. Use FAN FORCED for multi-shelf cooking.

	BAKE
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The upper and lower heating elements come on. BAKE is the traditional method of cooking. It is best to cook on only one shelf at a time in this function. Ideal for large cakes and dishes that bake for several hours.



The upper and lower heating elements and the fan come on. Ideal for dishes like lasagne that need to brown on top and also single trays of small cakes or biscuits that bake in less than an hour.



Broil is the most suitable function for 'finishing off' many meals, for example browning the top of potato gratin and frittata. Use Broil to toast bread or to broil your favourite chicken, fish and steak. Use with the oven door closed. For best results, use the topmost shelf position when you want quick browning (eg toast).



Both the broil element and the fan come on. Use with the oven door closed. Ideal for roasting tender cuts of meat and poultry. Use lower shelf positions for larger items eg a whole chicken.

US L





this is not a cooking function

The oven heats to a high temperature, reducing food residue to a fine ash that can be wiped out with a damp cloth.

Important!

Safe food handling: leave food in the oven for as short a time as possible before and after cooking or defrosting. This is to avoid contamination by organisms which may cause food poisoning. Take particular care during warmer weather.

Always use oven mitts when placing or removing items from the oven.



Changing the oven from Celsius to Fahrenheit

You can set your oven to display the temperature in Fahrenheit or Celsius.

- 1 Select a cooking function.
- 2 While the display is flashing, press ▼ to reduce the oven to the minimum temperature (120 °F / 50 °C).
- 3 Press start.
- 4 Press and hold the $\frac{F}{C}$ button until *L* or *F* flashes in the display
- 5 Press the ${}_{c}^{F}$ button and to change between Celsius (L) and Fahrenheit (F).
- After a few moments the oven will turn off and the display will show the time of day.
- Turn the function dial back to OFF.

Cooking Guide

The settings in the following chart are guidelines only. Follow the instructions in your recipe or on packaging and be prepared to adjust the oven settings and baking times to achieve the best possible results for you.

- Shelf positions are counted from the oven floor up (1 is the lowest, 5 is the highest).
- Arrange oven shelves before you turn the oven on, then preheat the oven to the desired temperature.
- Due to the width of the oven, a single shelf can usually accommodate double the standard recipe.
- Always preheat the oven before baking.
- Do not place anything, including water or ice, on the oven floor.
- Keep the door completely shut when broiling foods.
- Do not open the door during the first 3/4 of baking time.

Always cook and broil with the oven door fully closed.

If the door stays open "door" flashes on the display and after some minutes an audible warning sounds for about 30 seconds.

To silence the beep press any button.

Note: The heating elements work even with the door open and this signal just indicates that energy is being wasted and the control panel/dials are being excessively heated.

Cooking guide 25 us



SAVOURY

Food	Shelves	Recommended Function	Shelf positions	Temp (°F) Temp (°C)	Time (mins)	
Roast Chicken	Single	Fan Forced 3		15-20 min/450g		
Lasagne	Single	Fan Bake	3	345-360 175-180	45-50	
Quiche	Single	Bake	1	360-390 180-200	30-40	
Pizza	Single	Bake	3	430- 480 225-250	10-15	
Casserole	Single	Fan Forced	3	340-370 170-190	55-70	
Baked Potatoes	Single	Bake	4	345-370 175-190	40-50	
Beef Steak	Single	Broil	4	Hi	6-8 min / side	
Beef Burgers	Single	Broil	4	Hi	12-15 min / side	

BAKING

Food	Shelves	Recommended Function	Shelf positions	Temp (°F) Temp (°C)	Time (mins)
Cupcakes	single shelf	Bake	2	360-370 180-190	20-30
Cupcakes	multi shelf	Fan Forced	1 and 3	320-340 160-170	30-40
Scones	single shelf	Bake	2	410-450 210-230	15-20
scones	multi shelf	Fan Forced	1 and 3	410-450 210-230	15-20
two small pans (20 cm), on single shelf		Bake	2	340-360 170-180	30-45
Sponge	one large pan (26 cm)	Bake	2	345 175	30-40
Light fruit cake	two pans (21 cm) on single shelf	Bake	2	310-330 155-165	90
Rich fruit cake	Single	Bake	2	270-300 130-150	3-6 hrs
Apple pie	Single	Bake	1	365 185	35-45
Quiche	Single	Bake	1	360-390 180-200	30-40
Meringues	Single	Bake	1	200-250 100-120	60
Bread rolls	Single	Bake	1	410-450 210-230	15-20
Muffins	2 x 12 muffin trays on single shelf	Fan Forced or Fan Bake	3	375-390 190-200	10-15
Pastry case (baked 'blind')	one 21 cm flan tin	Bake	1	390 200	10 with beans, then 10 without



You can use the timer at any time, even when the oven is not in use.

Important!

The timer does NOT turn the oven off.



To set the timer

- 1 Press the timer Ξ button.
 - The time will show 0:00
- 2 Press ▼ and ▲ buttons or rotate the temperature dial to set the time you want (up to 3 hours in one minute steps)
 - The timer \bigtriangleup indicator will come on.
 - After a few seconds the time will start counting down, the display will show the time of day (if the oven is off) or temperature (if the oven is on) and will be steadily lit.

To check the remaining time

- **3** Press the timer Ξ button.
 - The timer counts down in minutes (hr:min) until the last minute when it counts down in seconds.

To cancel the timer

- 4 Press the timer ∑ button.
 - The remaining time will be displayed. Press the ▼ button or rotate the temperature dial to scroll the time down to 0:00
 - After a few seconds the clock will show the time of day (if the oven is off) or temperature (if the oven is on).

When the time is up

- The timer will beep and the timer _ indicator go out.
- Press any button to stop the beeping.

Automatic cooking

To set the oven for automatic cooking

You can set the oven to automatically turn on later, In cook for a preset time (cooking time), then automatically turn off at a preset stop time. Alternatively you can simply set the time of day you wish to the oven to turn off.

1 Set the oven

- Check the clock shows the correct time (eg 12:07).
- Select the function and set the temperature.
 The Function indicator light will come on.
 Press START. The oven will turn on.

2 Set the cooking time

- Decide how long the food will take to cook, allowing time for preheating if necessary (eg 40 minutes).
- Use \checkmark and \blacktriangle or rotate the temperature dial to set the cooking time. \blacktriangle will show in the display.

3 Set the stop time

- Decide when you want your food to be ready by (eg 13:30).
- Press () .
- Use ▼ and ▲ or rotate the temperature dial to set the stop time.

Note: The time indicator will tell you if you have set the time for am or pm.

You can turn the oven on manually and set it to turn off automatically by setting the stop time (step 3 above).

When automatic cooking is set

- If there is time before cooking starts, the oven will turn off and the pre-set temperature and A will show in the clock display, indicating the oven is set for automatic cooking. Note: the cooling fan and oven light may stay on.
- The oven will automatically turn on at the required time (eg 12:50) and turn off at the set stop time (eg 13:30).
- To see the set stop time, press (I).

To cancel automatic cooking

- 1 Press and hold ▼ and ▲ together for 3 seconds.
- 2 Turn the function dial to OFF.

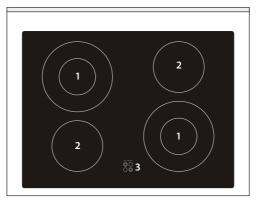
When the stop time is reached

- The oven will turn off, the timer will beep.
- The display will show $\exists \neg d$ and the **A** will flash.
- 1 Press any button to stop the beeping.
- 2 Turn the function dial to OFF.



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Cooktop layout

- 1 2100 W dual element
- 2 1200 W element
- 3 'Hot surface' indicator lights

Ceramic glass cooktop

The cooktop is made from ceramic glass, a tough material that is not affected by changes in temperature. If cared for, it will continue to function well and look attractive for many years.

Before using your cooktop

Before using your cooktop, please:

- Read this user guide, taking special note of the 'Safety and warnings' section.
- Turn the power to the cooker on at the wall.
- Make sure all control knobs are turned off.

Elements

- Your cooktop has four elements, two of which are dual-zone elements. The diameters of the cooking areas are clearly marked.
- The elements become red when turned on full.
- The 'Element on' indicator light will glow when an element is turned on.
- Aluminium and copper cookware can leave a metallic residue on the cooktop. Clean this off with ceramic glass cleaner after every use. If it is left, it becomes difficult to remove.

Using your ceramic glass cooktop



Using the elements

Using the single elements

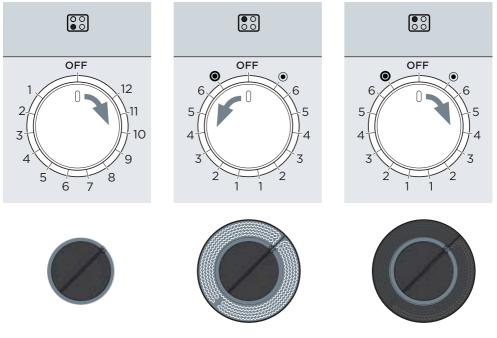
To turn on a single element, push in and turn the dial clockwise or counter-clockwise to a setting between 12 (maximum) and 1 (minimum). Adjust the heat during cooking by turning the dial in either direction between 12 and 1.

Using the dual elements

- To turn on the inner zone of the dual element () push and turn the dial counter clockwise between 6 (maximum) and 1 (minimum). Adjust the heat during the cooking by turning the dial in either direction between 6 and 1.
- To turn on both zones of the dual element (), from the off position, push and turn the dial clockwise from 6 (maximum) to 1 (minimum). Adjust the heat during the cooking by turning the dial in either direction between 6 and 1.
- To return to using only the inner zone of the dual element first turn the knob to the OFF position you should feel a click then push and turn the knob counter-clockwise from setting 6 to 1.

Important!

Be sure you turn the control dial to OFF when you finish cooking.



Turning on single element

Turning on the inner zone of the dual element

Turning on both zones of the dual element

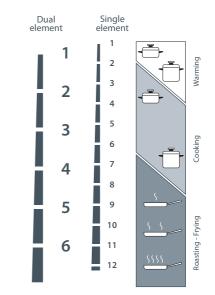
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Tips for using the elements

- The 'Element on' indicator light glows red whenever an element is on. After an element has been turned off, its 'Hot surface' indicator light will glow red until the element surface has cooled down to a temperature that is safe to touch.
- The elements will cycle on and off to maintain your selected heat setting. This is normal.
- It is safe to place hot cookware from the oven, or another element, on the glass surface when the surface is cool.
- Even after the elements are turned off, the glass surface retains enough heat to continue cooking. To avoid overcooking, remove pans from hot elements when the food is cooked.
- Avoid placing anything on a hot element until it has cooled completely (its 'Hot surface' indicator light has gone out).
- You will need to experiment with the temperature settings to match your desired cooking result. For delicate cooking tasks requiring minimum heat, try turning the control knob below the lowest (1) marking.

Cooking tips

- The higher settings are ideal for boiling, searing or frying.
- For general cooking purposes, turn the control knob to a high setting to begin cooking and adjust as necessary. Once your pan is hot or your food has come to the boil, reduce the temperature to maintain a steady heat and cook your food through.
- The following tables contain guidelines to show recommended heat settings for cooking different types of food.
- Exact settings will depend on the type of cookware and quantity of food being cooked.



Elements usage table

Dial setting (Dual)	Dial setting (Single)	Type of cooking
OFF	OFF	Switched OFF.
1	1 2	For melting butter or chocolate.
1 2	2 3 4	To keep foods warm or heat small quantities of water.
2 3	4 5 6	To heat greater quantities of water, and to reheat and simmer soups and stews.
3 4	6 7	Slow boiling, eg spaghet- ti, soups, stews.
4 5	7 8	For all kinds of fried foods, steaks, cutlets and cooking without a lid.
5	8 9 10	For browning meat, cooked potatoes, fried fish and for boiling large quanti- ties of water.
6	11 12	Rapid frying, grilled steaks, etc.

Using your ceramic glass cooktop



Cookware tips

- Cooking results are influenced by pot quality and size. It is essential for the base of the pot to be smooth and sit flat against the glass. Also, pot size should match the diameter of the element. Poor performance is often due to inadequate contact with the glass.
- Cookware with a stainless steel sandwich base or enamelled cast iron will give you the best results.
- Never use plastic or aluminium foil dishes on the cooktop.
- Aluminium and copper-bottomed cookware can leave a metallic residue on the cooktop. If left, this becomes difficult to remove. Clean the cooktop after every use.
- Do not use saucepans or frying pans with jagged edges, as these may scratch the cooktop.
- Round-based woks should NOT be used on the elements without a wok stand, as they are unstable and may also damage the cooktop.
- Always lift pots and pans off ceramic cooktops do not slide, as doing so can scratch the glass.
- Never cook the food directly on the ceramic glass.



Inefficient and efficient saucepan bottoms

Energy saving tips

- Use an element that matches the size of the cookware.
- Place cookware on the element before turning it on.
- Always use a lid to retain the heat and reduce cooking times.
- Minimise the amount of liquid or fat to reduce cooking times.
- Use residual heat retained in the glass after the element is turned off to continue the cooking process or to keep foods warm.









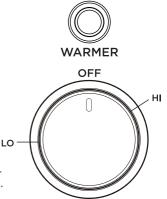
CORRECT Complete use of the heat

Inefficient and efficient use of the heat

Important!

The warming drawer is for keeping cooked food hot only. Do not use it to warm plates. Do not use as a storage drawer. Do not use it as a space heater. Do not use the warming drawer during a self clean cycle. Note: The drawer will automatically turn off when the self clean cycle is started. It may resume functioning when the function dial is switched 'OFF' at the end of the self clean cycle.

The warming drawer is fitted with a heating element in the top. You may set the heat from LO (86 °F / 30 °C) to HI (203 °F/95 °C).



First Use

We recommend that you condition your warming drawer before using it for the first time.

To condition your warming drawer:

- 1 Ensure the warming drawer is empty.
- 2 Close the drawer fully.
- 3 Push and turn on Warming drawer dial to 'HI'
 - The warmer drawer indicator light will come on.
- After 2 hours, turn the warming drawer OFF.
- Allow the warming drawer to cool completely.
- Wipe out with a damp cloth and mild detergent, and dry thoroughly.
- There will be a distinctive smell while you condition your warming drawer. This is normal but ensure your kitchen is well ventilated.

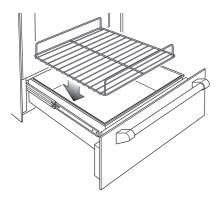
Using the Warming drawer

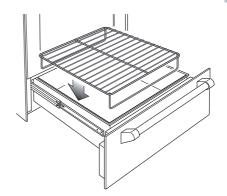
Push and turn the control dial to select a temperature setting between LO (min) and HI (max).

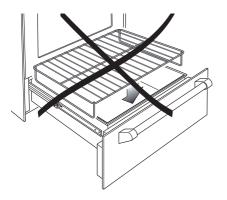
- Allow time for the drawer to be preheated.
- Preheat with rack in place (see 'Using the reversible rack').
- Preheat the empty serving dish while preheating the drawer.
- Add cooked, hot food in a heat-safe cooking or serving dish.
- Food may be kept hot in its cooking container or transferred to a heat-safe serving dish.
- Aluminium foil may be used to cover food.

Note: Plastic containers or plastic wrap may melt if they come in contact with the hot drawer.

Using the warming drawer 33 us







Reversible rack

Your warming drawer comes with a reversible rack. Position the rack as shown.

Reheating food

Always re-heat food until piping hot before transferring to the warming drawer.

Food kept at temperatures of less than 140 °F / 60 °C for more than two hours are at risk of becoming contaminated by harmful bacteria.

Important!

Never reheat a food more than once.

34 Care and cleaning

Important!

Before you start cleaning your cooker, please:

- Read these cleaning instructions and the 'Safety and warnings' section at the start of this user guide.
- Turn the cooker off at the wall.
- Make sure the cooker is a safe temperature to touch.
- Do not use a steam cleaner.
- Do not store flammable substances in the oven or warming drawer.

General advice

- Wipe down the cooktop and wipe out the oven after every use.
- Wipe up spills. Avoid leaving alkaline or acidic substances (such as lemon juice or vinegar) on the surfaces.
- Do not use cleaning products with a chlorine or acidic base (ie citrus-based cleaners).

Cleaning the outside of the cooker

Important!

- Do not use abrasive cleaners, cloths or pads on the outside surfaces.
- Immediately wipe off any caustic cleaners if they are spilled onto the oven door handle.

Wipe the outside surfaces often, using warm water and a mild household detergent. The stainless steel may also be cleaned with a suitable cleaner and polish.

Note: if you choose to use a commercial stainless steel cleaner, please read the label to make sure it does not contain chlorine compounds as these are corrosive and may damage the appearance of your cooker.

Caring for your cooktop

Important!

- Some heavy-duty and nylon scourers can scratch the ceramic glass of your cooktop. Always read the label to check if your scourer is suitable for cleaning ceramic glass cooktops.
- Use ceramic glass cleaner on the cooktop while it is warm to touch. Rinse and wipe dry with a clean cloth or paper towel. The cooktop may become stained if cleaning residue remains.
- Remove any food, spillovers or grease from the cooktop while it is still warm using a razor blade scraper suitable for ceramic glass surfaces. Do not use knives or any other sharp object for cleaning. Take extra care to avoid damaging the seal at the edges of the ceramic glass surface.
- Do not use cleaning products with a chlorine or acidic base.

Metallic stains

Copper-based or aluminium cookware may cause metallic staining. These stains show as a metallic sheen on the cooktop. If the cooktop is not cleaned after every use and the stains are allowed to burn onto the surface, they may react with the glass and will no longer be removable. To help prevent such damage, clean the cooktop after every use and apply a glass cooktop conditioner.

Cleaning melts and spillovers

Anything that melts onto the ceramic glass surface or food spills with a high sugar content may cause pitting of the ceramic glass surface if they are left there to cool. Examples include:

- plastic wrap
- melted aluminum foil
- sugar, sugary syrups, jams and jellies
- vegetables and vegetable water with a high sugar content eg peas, sweet corn, beetroot.
 Remove these spills immediately with a special razor blade cooktop scraper, taking care not to scratch the glass. Follow the steps below:
- 1 Turn the element off and carefully scrape the spill to a cool area of the cooktop surface.
- 2 Clean the spill up with a cloth or paper towel.
- 3 As soon as the cooktop is cool enough to safely touch, clean with cooktop cleaner.

Cleaning the stainless steel surround strip

• To remove fingerprints and other marks, wipe with a clean damp cloth and dry with a lintfree cloth.



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Cleaning the inside of your oven

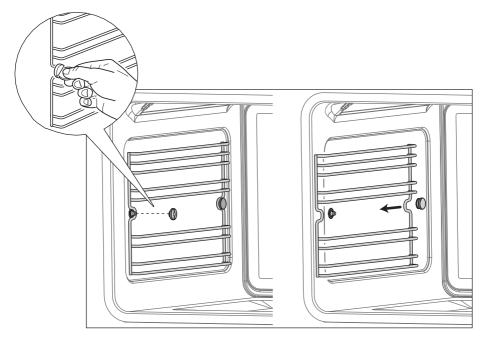
- Note: if using the Self Clean function remove all shelves and side racks first. See 'Using the Self Clean function'.
- Do not use abrasive cleaners, cloths or pads to clean the enamel.

Removing the side racks

- Using a small coin or a flat-head screwdriver, loosen and remove the front fixing screw only. 1
- Slide the side rack clear of the rear lock stud and remove. 2

Refitting the side racks

Slide the side rack gently so it engages with the rear lock stud. Make sure that they are the right 3 way up, as in the illustrations, and then insert and tighten the front fixing screw.



Removing the side racks

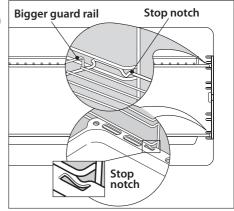
Cleaning the enamel cavity

Clean the enamel on the inside of the oven when it has cooled down, using household detergents. Dry with a soft cloth.

Cleaning the broiler pan and rack and shelves

Clean these in hot, soapy water. After cleaning slide in the shelves and tray, making sure that:

- they are between the two wires of a shelf position;
- the stop notches point down;
- the bigger guard rail of the shelf is at the back.



Oven shelves

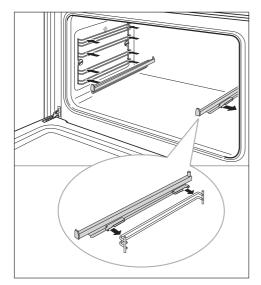
Fitting and removing the sliding shelf supports

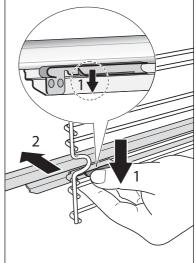
When fitting the sliding shelf supports, make sure that you fit:

- the side racks first
- the slides to the top wire of a shelf position
- both sides of each pair of slides
- both slides on the same level.

Important!

Remove the side racks first to make removing the sliding shelf supports easier.







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Using the Self Clean function

- During the pyrolytic Self Clean cycle the extremely high temperature burns off and breaks down grime and grease deposits. All that is left is a small amount of grey ash that you can easily remove.
- You can set the Self Clean cycle time between one and a half and three hours. The heavier the soiling, the longer the cleaning time required.

Important!

- You must clean the inside glass door panel BEFORE starting a Self Clean cycle. Failure to do this may result in permanent staining or marking of the door glass.
- Do not use oven cleaners, any degreasing cleaners, or oven liners.
- Make sure you remove the side racks, oven shelves and trays and all other bakeware and utensils from the oven before starting a Self Clean cycle. If left in the oven, they will become permanently discoloured or damaged; items made from combustible materials (eg wood, fabric, plastic) may even catch fire.
- Do not operate the warming drawer during the self clean cycle.
- The warming drawer will become warm during the Self Clean cycle. Do not store flammable items in the warming drawer. If possible, avoid opening the drawer during the cycle, or use oven mitts to remove items from the drawer.
- Do not use your oven to clean miscellaneous parts.
- Make sure the room is well ventilated.
- Before starting a Self Clean cycle, make sure you move any pet birds to another, closed and well-ventilated room. Some pet birds are extremely sensitive to the fumes given off during a Self Clean cycle, and may die if left in the same room as the oven during such a cycle.
- During a Self Clean cycle, the oven reaches higher temperatures than it does for cooking. Under such conditions, the surfaces may get hotter than usual and children should be kept away.
- The oven door will be locked during the Self Clean cycle. After the Self Clean cycle has finished, the door will remain locked until the oven has cooled to a safe temperature. This may take up to 30 minutes.
- If there are cracks or flaws on any of the oven door glass panes, if the oven seal is damaged or worn, or if the door does not close properly, do not start a Self Clean cycle. Call your Authorised Repairer or Customer Care.



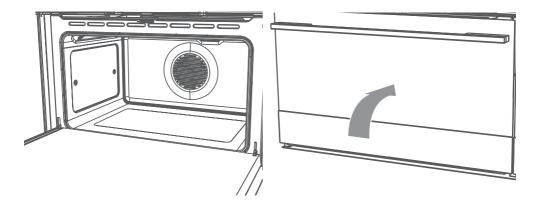
To start a Self Clean cycle

- 1a Remove oven shelves, side racks and all other accessories, bakeware, and utensils.
- **1b** Wipe up any spills. Failure to do so may discolour the oven surfaces.
- **1c** Check the inner glass pane of the oven door. If it has soiling on it (eg stains from greasy splatter), you will need to clean it manually before starting a Self Clean cycle.

Important!

If soiling is left on the glass, it will become burnt on during the Self Clean cycle, making it very difficult to remove.

2 Close the oven door firmly.



- 3 Select the Self Clean Function
 - The display will show



The *P* will flash.

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- 4 Adjust the cycle time (optional)
 - You may set the time between 1-1/2 hours (P1:30 and 3 hours (P3:00). For heavy soiling use a longer time.
 - Press the 🖉 m button the P will go out.
 - Use the ▼ and ▲ buttons or rotate the temperature dial to change the time.
 - After a few seconds the *P* will start to flash again. Alternatively, press the START button to confirm and the *P* will flash.
- 5 Start the cycle
 - Press the START button. The P will stop flashing.
 - The oven will come on and the
 indicator will show in the display.
 - After a few seconds the door will lock and the door lock indicator light will come on.
 - The display will start to count down.

Note: If the door is not shut completely, after a few minutes the oven will switch off, the display will show ' $d \Box \Box r'$ and the oven will beep. See 'Troubleshooting'.

- 6 At the end of the Self Clean cycle
 - The oven will turn off.
 - The display will show P:00 and a flashing A
- 7 Turn the function dial to OFF.
 - The door will remain locked.
 - The door lock indicator will remain on.
 - The display will show 'hot'.

When the oven has cooled to a safe temperature, the door lock indicator will go out and the door will unlock. The display will show the time of day. This may take 30 minutes. Note: The oven will still be very warm. To avoid burns, wait for the oven to cool completely before wiping out the ash and replacing side racks and shelves.

To cancel a Self Clean cycle

Turn the function dial to OFF.

Note: The oven door will remain locked until the oven has cooled to a safe temperature. The door lock indicator light will remain on, and the display will show 'hak'.

We do not recommend that you start a new Self clean cycle before the oven has cooled completely.

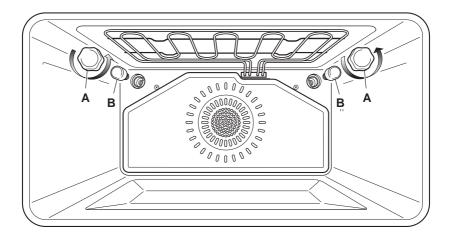


Replacing the oven light bulb

Use only a bulb suitable for high temperature (300 °C/ 572 °F) having the following specifications: 120V, 60Hz, E14 and the same power as the one you remove (this will be stamped on the bulb).

- 1 Turn off the power to the range.
- 2 Wait for the oven to cool completely.
- **3** Remove the cover (A).
- 4 Unscrew and replace bulb (B).
- 5 Replace cover.

NOTE: Oven bulb replacement is not covered by your warranty.



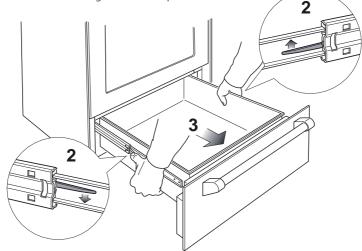


Important!

- Do not remove drawer while hot.
- Do not remove drawer during operation.
- Be sure drawer is empty before removing.

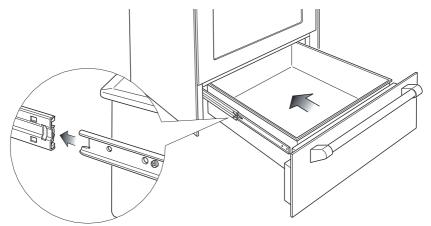
Removing the warming drawer

- 1 Open the drawer completely.
- 2 Push and hold the lever on the left guide down, and the lever on the right guide up.
- 3 Remove the drawer while holding the levers in position.

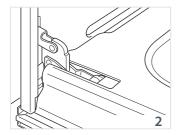


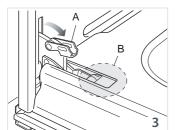
Refitting the warming drawer

- 1 Insert the drawer guides into the slide.
- 2 Gently close the drawer completely. The safety catches will automatically hook into place.









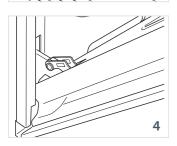
Removing the oven door

The oven door can easily be removed as follows:

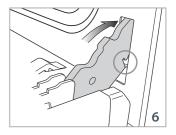
- Open the door to its fullest extent.
- Open the lever "A" completely on the left and right hinges.
- Hold the door as shown.
- Gently close the door until left and right hinge levers "A" are hooked to part "B" of the door
- Withdraw the hinge hooks from their location following arrow "C".
- Rest the door on a soft surface.

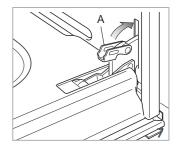
Refitting the oven door

- Hold the door firmly.
- Insert the hinge tongues into the slots, making sure that the groove drops into place as shown.
- Open the door to its full extent.
- Fully close the levers "A" on the left and right hinges, as shown.
- Close the door and check that it is properly in place.









44 Troubleshooting

Problem	Possible causes
There is a metal sheen on the glass.	This could be caused by cookware with a copper or aluminium base. Ceramic glass cleaner should remove this. If the cooktop is not cleaned after every use and the stains are allowed to burn onto the surface, they may react with the glass and no longer be removable.
The glass is being scratched.	The ceramic glass is very tough and does not scratch easily. The most common cause of scratching is rough- edged cookware. Check that your pots/pans have flat, smooth bases. Do not use a heavy-duty or unsuitable nylon scourer to clean the cooktop.
The element keeps turning itself on and off.	This is normal and is caused by :1. The element cycling to prevent the glass from overheating.2. The controller is cycling to maintain your selected heat setting.
The element keeps turning itself on and off and the cookware isn't heating.	This is caused by pots/pans that have uneven bases and therefore do not make good contact with the glass. Cookware like this will not heat up properly. Use cookware with smooth bases which sit flat against the glass.
The 'Element on' and 'Hot surface' indicator lights are not working.	Call your Service Centre. See your Warranty and service book for contact details.
The cooktop surface is cracked.	Switch the power to the appliance off at the wall and call your Service Centre. See your Warranty and service book for contact details. Failure to do so could result in death or electric shock.

Troubleshooting 45 us



Problem	Possible causes	What to do
The display flashes door (An alarm may also	The function dial has been turned to Self clean when the door is still open.	Close the door and restart the Self clean sequence.
sound)	The door has been opened after Self clean has been selected but before the oven has been started.	Close the door and restart the Self clean sequence.
	The door is open during cooking.	Close the door. The oven is still operating normally.
The display shows Fdor	The door lock is malfunctioning.	Turn the function dial to OFF. Wait for the oven to cool down completely and disconnect the cooker from the mains power supply. Wait a few minutes then reconnect the mains. If the display still shows Fdpr disconnect the cooker again and call your Authorised Service agent of Customer Care. Do not use the cooker.
The display shows FOEO A	The Self clean cycle has been stopped and then immediately re-started. Note: we advise against stopping a Self clean cycle and then immediately starting it again. Always wait for the oven to cool completely first.	Turn the function dial to OFF. Wait for at least 30 minutes and then start the Self clean cycle again. If the error re-occurs call your Authorised Service Agent or Customer Care.

Problem	Possible causes	What to do
The display shows F000 or F001	The oven temperature sensor is malfunctioning. The cooling fan will remains on and if the Self cleaning cycle is in process the door will remain locked.	Turn the function dial to OFF. Wait for the oven to cool down completely and disconnect the cooker from the mains power supply. Wait a few minutes then reconnect to the mains power supply. If the display still shows the error code, disconnect the cooker from the power supply and call your Authorised Service Agent or Customer Care.
The display shows Fpot, Fdor, FRdc or FrEL	The oven is malfunctioning.	Turn the function dial to OFF. Wait for the oven to cool down completely and disconnect the cooker from the mains power supply. Wait a few minutes then reconnect to the mains power supply. If the display still shows the error code, disconnect the cooker and call your Authorised Service Agent or Customer Care – the cooker must not be used.
The display is blank.	Turn the function dial to OFF. Wait for the oven to cool down completely and disconnect the cooker from the mains power supply. Wait a few minutes then reconnect to the mains power supply. If the display is still blank disconnect the cooker and call your Authorised Service Agent or Customer Care – the cooker must not be used.	

Before you call for service or assistance ...

Check the things you can do yourself. Refer to the installation instructions and your user guide and check that:

- 1 your product is correctly installed
- 2 you are familiar with its normal operation.

If after checking these points you still need assistance or parts, please refer to the Service & Warranty book for warranty details and your nearest Authorized Service Center, or contact us through our local website listed on the back cover.

Product details

Fisher & Paykel Ltd

Model	Serial no.
Date of purchase	Purchaser
Dealer	Suburb
Town	Country

www.fisherpaykel.com

Fisher&Paykel

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The product specifications in this booklet apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. You should therefore check with your Dealer to ensure this booklet correctly describes the product currently available.