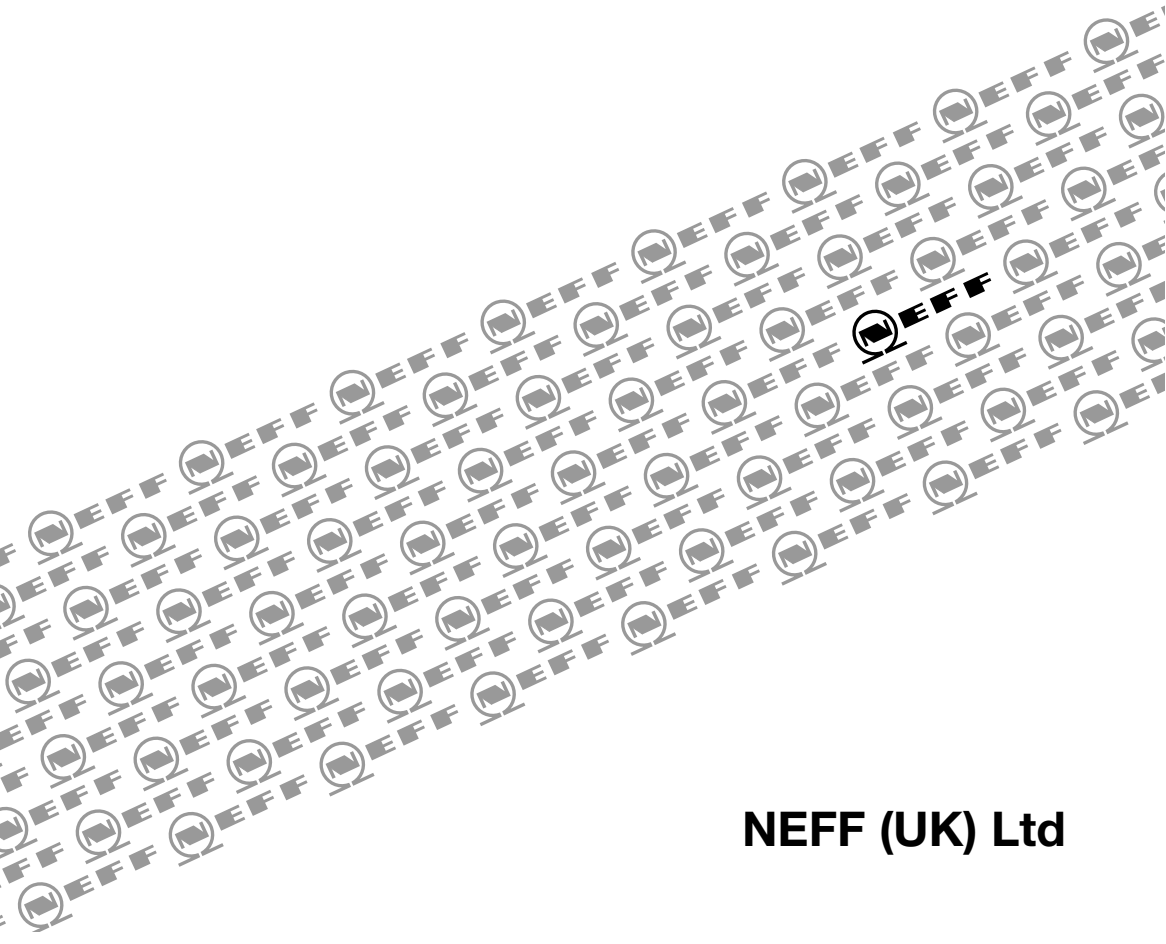


**How to connect up,  
build-in, set up, use and  
look after your  
B1320 oven**



**NEFF (UK) Ltd**

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### Notes on disposal

- ❑ Old appliances still have some residual value. An environment-friendly method of disposal will ensure that valuable raw materials can be recovered and used again.  
Before you dispose of your old appliance, make sure that it has been rendered inoperable.
- ❑ Your new appliance was protected by suitable packaging while it was on its way to you. All materials used for this purpose are environment-friendly and suitable for recycling. Please make a contribution to protecting the environment by disposing of the packaging appropriately.  
Up-to-date information concerning options for disposing of your old appliance and the packaging from the new one can be obtained from your retailer or local government office.

### Before connecting your new appliance

- ❑ Before using your new appliance, please read these Instructions for use carefully. They contain important information concerning your personal safety as well as on use and care of the appliance.
- ❑ The Instructions for Use apply to several versions of this appliance. Accordingly, you may find descriptions of individual features that do not apply to your specific appliance.
- ❑ Please keep the operating and installation instructions in a safe place; this important documentation may also be of use to a possible subsequent owner.
- ❑ Do not use the appliance if it is damaged in any way.
- ❑ Installation and connection of the appliance should be performed according to the instructions and connection diagram provided, and should be entrusted to a competent electrician. In the event of a damage that occurs as a result of improper connection, the warranty will be void.
- ❑ Our appliances meet the applicable safety regulations for electrical appliances. Repairs must only be performed by service engineers trained by the manufacturer. Repairs carried out by incompetent service agents can make the appliance unsafe.

### Appliance safety considerations

- The appliance should only be used for the preparation of food.

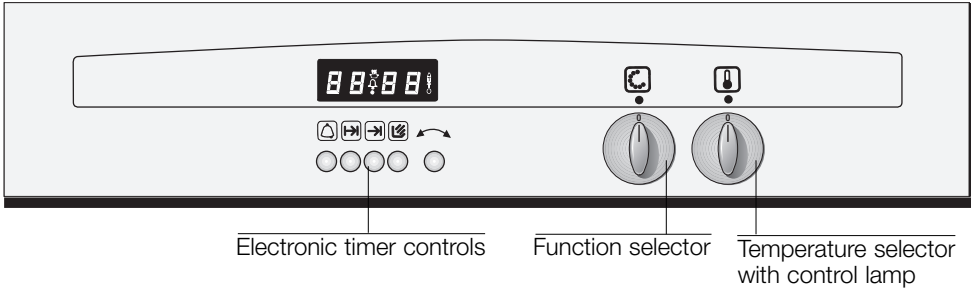
- 



Open the oven door carefully.  
Hot steam may escape.

- The surfaces of heating and cooking appliances get hot during operation. The interior oven walls and the heating elements get extremely hot. Always keep children away from the appliance.
- Never leave the appliance unattended when cooking with fat or oil. They can catch fire if overheated.
- Clean the oven regularly. Fatty or oily remnants could ignite when the oven is switched on.
- Make sure that the power cord does not get caught in the hot oven door. The plastic insulation could melt.
- In the case of a defect, switch off (or remove) the mains fuse in the building electrical system.
- Do not store combustible items in the oven. They could ignite if the oven is switched on accidentally.
- Do not clean the oven with steam or high-pressure cleaners.
- Do not insert a baking sheet at the bottom of the oven, or cover the base of the oven with aluminium foil, as this would result in heat build up. Roasting and baking times would change, and the enamel would be damaged.
- Never pour water directly into the hot oven. Damage to the enamel could result.
- Dripping juices may leave spots on the oven lining. Always place a baking tray below to prevent this from happening.
- Never stand or sit on the open oven door.
- The oven door must close properly. Keep the door seal surfaces clean.

# Introducing: Your new Oven



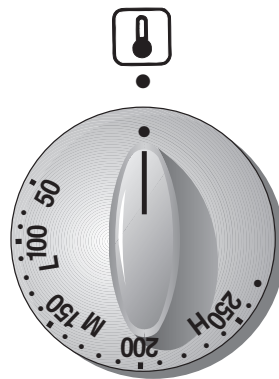
## Function selector



### Setting:

- Defrosting position
- Circotherm
- Radiant grill

## Temperature selector



### Setting:

- 50–250      Temperature in ° C
- L, M, H      Temperature for radiant grill

---

## Introducing: Your new Cooker

---

### Accessories

- Your appliance is supplied with:

<b>1 Wire shelves</b>
<b>1 Roasting/grill pan with grid</b>

- The following accessories can be obtained from the supplier of your oven:

**Order no.**

Deep roasting pan	Z 1270 X2
Baking tray, aluminium	Z 1330 X0
Baking tray, enamelled	Z 1340 X2
Small grill-set	Z 1240 X2

#### Note:

- The baking tray or roasting pan may distort while the oven is operating. This is caused by major temperature differences on the utensil. These differences may occur if only one part of the utensil was covered or if deep-frozen food, e. g. pizza, was placed on the utensil.

The distortion will already subside again during baking, roasting or grilling.

---

### Shelf positions

- Your oven features 4 shelf positions. The shelf positions are counted from bottom to top. The numbers are marked in the oven.

**⚠** When using **circotherm**, do not use shelf position »2«, in order not to block air circulation.



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
## Before Using Your Appliance for the First Time

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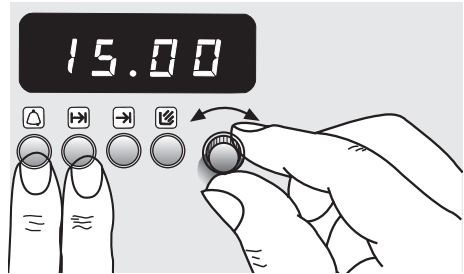
### Time of day

- ❑ Before you use your appliance for the first time, it is necessary to set the current time on the electronic timer.
- ❑ After connecting to the mains, or after a power failure, the display 0.00 will blink.

#### To set the time of day:

Press the  and  button simultaneously, while turning the rotary knob  to set the current time of day (example: 15.00 hrs., see illustration).

Note: Any incorrect settings that were made accidentally must be reset to zero before setting the time of day (see the section “Electronic timer”).




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### Preliminary cleaning:

1. Clean the appliance exterior with a soft damp cloth.
2. Clean the oven interior and the accessories with a hot detergent solution.

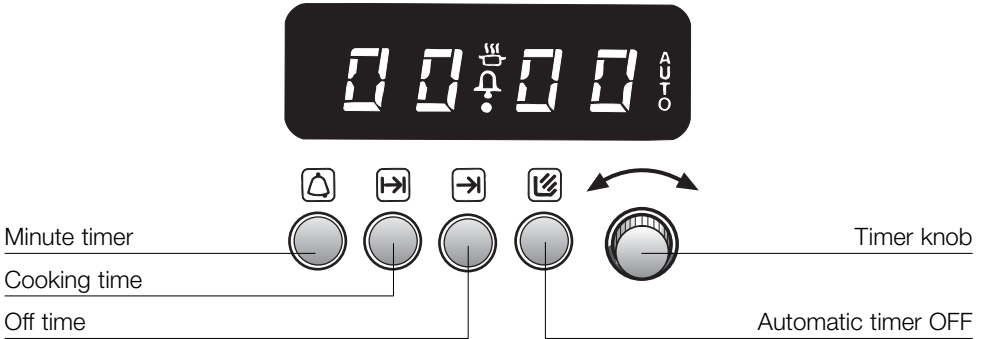
### Initial burn-in

1. Preheat the empty oven for about 30 minutes. Select  heat at a setting of 190 °C. During the initial burn-in phase, please open the kitchen windows to dissipate unpleasant odours.

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## Electronic Timer




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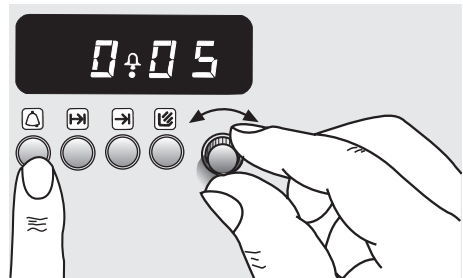
- The timer knob is designed for one-hand operation. To use this function, the required cooking time must be set by turning the timer knob within 4 seconds of pressing the appropriate function button.
- Setting the time of day:**  
Follow the steps described in the preceding section "Before Using Your Appliance for the First Time ...".

### Minute timer:

Press the  button and set the length of time required for the alarm. (The example in the illustration shows a time of 5 minutes.) After setting, the time of day is displayed again.

- Press the  button to display the time remaining.
- After the time has elapsed, an alarm signal sounds. To switch off the alarm, briefly press the  button.
- The settings can be corrected at any time.
- To cancel a setting before the time has elapsed:  
Press the  button and set the time in the display to 0.00.

### Setting the timer:







### Automatic timer for the main oven


- ❑ You can use the automatic timer functions to switch the oven ON or OFF.


#### Automatic OFF:

- ❑ If you want cooking to start immediately, simply use the timer knob to set the required total cooking time.

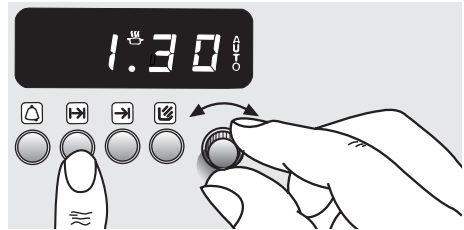
1. Set the oven to the required temperature.
2. Press the  button and set the total cooking time (see the example in the illustration to the right, showing 1 hour and 30 minutes).

When the cycle has been set, the time is displayed and the **AUTO** and  symbols illuminate.

- ❑ The oven is now operating.
- ❑ After the set cooking time, a signal sounds and the oven is automatically switched OFF.  
To turn the signal off, briefly press the  button.
- 3. Turn the oven selector switch to the **0** position.
- 4. The **AUTO** symbol blinks.

**Important:** It must be switched OFF by pressing the  button.

#### Setting the length of cooking time








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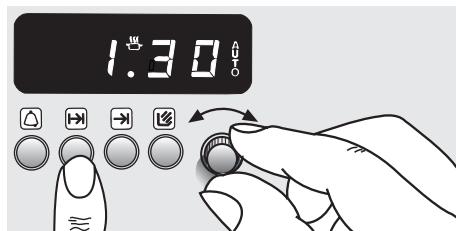
## Electronic Timer

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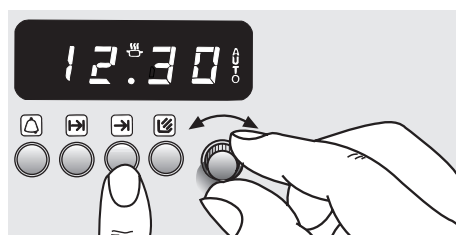
### Automatic ON and OFF:

1. Select the heating system and the oven temperature.
2. Press the  button and set the total cooking time (see the example in the illustration right, showing 1 hour and 30 minutes).
3. Press the  button and set the cooking finish time (the example in the illustration shows 12.30 hrs.).  
After setting the display shows the time of day and indicates **AUTO**.
  - The oven cooling fan will start immediately.
  - The oven switches on automatically at the preselected time and the  symbol illuminates.
  - The settings can be corrected at any time.
  - When the pre-set cooking finish time is reached, a signal sounds and the oven is automatically switched OFF.  
To turn the signal off, briefly press the  button.
4. Turn the oven selector switch to the **0** position.
5. The **AUTO** symbol blinks.  
**Important:** It must be switched OFF by pressing the  button.

### Setting the length of cooking time




### Setting the end of cooking time



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### Please note:

- The automatic timer is ideal for dishes that require little attention during cooking.
- Both the alarm and the automatic timer may be programmed up to 24 hours in advance.
- The current settings can always be checked by pressing the appropriate function button.
- To cancel a setting before the timer has elapsed:  
Press the  button and reset the time in the display to 0.00.
- The acoustic signal switches off automatically after 2 minutes.

---

## Definition of Oven Features

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### Gentle defrosting \_\_\_\_\_

Advantages:

Recommended for delicate pastries only (i.e., whipped-cream gateaus).

### Circotherm \_\_\_\_\_

Advantages:

- low soiling of oven interior
- cooking on up to 3 shelf levels at once is possible
- shorter preheating times
- low oven temperatures
- bread baking

### Circotherm grilling \_\_\_\_\_

A system by which foods, that would normally be grilled by direct heat from an element, are cooked using Circotherm. Temperatures between 180 to 190 °C are selected and the food is placed on the wire shelf, roasting on the roasting/grill pan.

Advantages:

- ideal for steaks, sausages, chicken joints, fish, kebabs and chops
- no turning of food is required
- three shelves of 'grilled' food can be prepared at one time
- very convenient

### Radiant grill \_\_\_\_\_

The food being cooked is exposed to heat from the grill element at the top of the oven cavity.

Advantages:

- particularly suitable for flat, small cuts of meat, i.e., steaks and sausages, fish, vegetables and toast.

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## Switching the Oven ON and OFF

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Before switching on your oven, you should decide which heating system you wish to use.

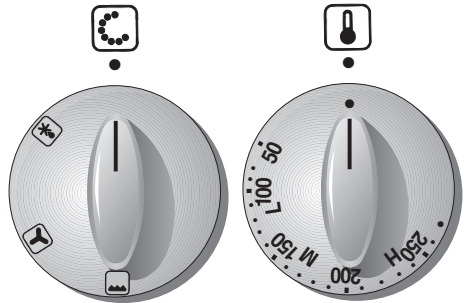
### Switching the oven ON:

1. Use the function selector to determine the desired system.
  2. Set the temperature control knob to the desired temperature.
- The selected temperature will be controlled automatically.
  - The red oven temperature control lamp illuminates when the oven is first switched on, and extinguishes when the required temperature has been reached.

### Switching the oven OFF:

To switch the oven OFF, turn both the temperature selector and function selector to the »0« position.

**Note:** After switching OFF the oven, the fan may continue to run for a short time in order to prevent heat build-up.

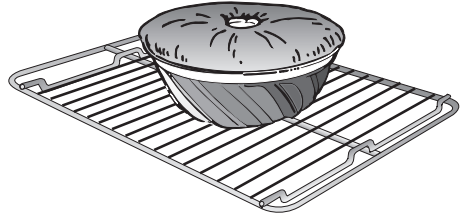


Function selector

Temperature selector

### Using baking tins

- Always place baking tins in the centre of the wire shelf.**
- The wire shelf may be turned upside down to accommodate different size tins.
- If the cake base gets too dark:**  
Check the shelf level. Reduce the baking time, and possibly use a lower baking temperature.
- If the cake base stays too light:**  
Check the shelf level. Increase the baking time, select a lower temperature, or use a dark metal baking tin.
- You can use baking tins of any material and of any colour, as long as they are oven-proof.
- Do not place baking tins or high cakes too close to the rear oven wall.



### Notes:

- You can influence the degree of browning by changing the temperature setting.
- If a cake collapses after removing it from the oven, use less liquid on your next attempt, consider using a longer baking time, or use a slightly lower temperature setting.

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## Roasting

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### Roasting with Circotherm

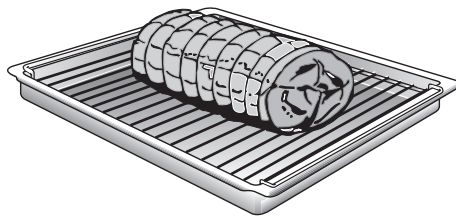
#### Notes:

- Meat roasted using the Circotherm system will brown on all sides and stay moist without additional fat.
- Choose cuts of meat that weigh 150 grams (5oz) or more.
- Place the shelf on top of the roasting pan.
- Place the meat on the shelf, season if desired.
- Slide the pan and shelf into the oven on the same shelf position.
- No pre-heating is required. Save energy by putting the roast into the cold oven.
- Use a Circotherm temperature of 160 °C.

### Circotherm grilling

Use this method for small cuts of meat – steaks, chops, sausages, bacon, chicken joints and fish.

- Use the shelf and roasting pan together.
- Season meat as required.
- Place on shelf.
- Do not turn food over – the hot air will circulate around the food cooking all sides.
- Use a temperature of 180–190 °C.



### Casseroles or pot-roasting in a covered dish:

- Some meats should be prepared in liquid in a covered casserole. This type of cooking is suitable for less tender cuts of meat.
- Place the casserole on the wire shelf on a suitable shelf position.

### Cooking tips:

- Only use ovenproof cookware.
- Extra large turkeys and joints can be placed directly in the roasting pan and not on the wire shelf.
- Cover large turkeys with foil during cooking. Remove foil during the last hour.

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## Grilling

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### Radiant grilling

Used for small cuts of meat or poultry.

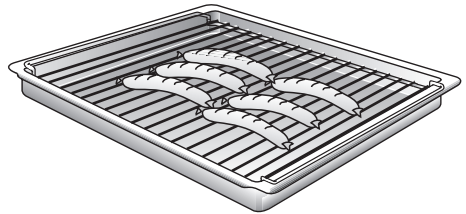
**! Exercise CAUTION when grilling.**

**! Always keep children away from the oven when it is in use.**

#### Notes on grilling:

- Always close the oven door when grilling.
- The grilling temperatures are variable.
- Always use the grill and roasting pan together.
- Turn the food after approx. two-thirds of the grilling time has elapsed.
- Lightly brush the wire shelf with oil and baste the food if desired.

- Always place the food to be grilled in the centre of the wire shelf.
- If the heating element switches off automatically, the overheating protection was activated. The element will be reactivated after a short period of time.



---

## Cooking Tips and Helpful Hints

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### When cooking with Circotherm:

- Cakes baked in a tin get too dark at the back.
- Cakes remain doughy and collapse when removed from the oven.
- Uneven browning of small cakes or biscuits.
- With very moist foods steam develops and condenses on the oven door and drips onto the floor.

Avoid blocking the air vents at the rear wall of the oven with the cake tins.

Reduce the temperature for deep cakes. Bake for a longer period of time. Test with a skewer before removing.

Avoid placing trays too close to the back wall. Space food on the tray.

Several brief periods of opening the oven door during baking (1 or 2 times, more frequently with longer roasting times) will aid in venting the steam in the oven and reduce condensation.

---

### To save energy:

- Preheat only if recommended by the recipe.
- Dark baking tins have a higher degree of heat absorption.

- Residual heat:** In the case of longer baking times, you can switch off the oven 5–10 minutes before the full baking time has elapsed.




### Defrosting and cooking using the Circotherm

#### Important heating system information:

- For defrosting and cooking of frozen foods, use circotherm.
- With all frozen foods, follow the food manufacturers instructions on the package.
- As a rule, **defrosted frozen foods** (especially meats) require less cooking time than fresh products, since freezing has a pre-cooking effect.
- If **frozen meat** is placed in the oven, the defrosting time must be added to the required cooking time.
- Always defrost **frozen poultry** before cooking because the giblets must be removed.
- For cooking **frozen fish**, use the same temperatures as for fresh fish.
- Frozen ready-to-eat meals** in aluminium dishes may be placed into the oven several at a time.
- Frozen vegetables** (i.e., when cooking complete meals) should be cooked in a covered pot together with the roast. Use only approximately half of the liquid specified in the recipe. Use fat only for adding flavour.

#### Gentle defrosting:

Recommended for delicate pastries only (i.e., whipped-cream gateaus).

- Turn the function selector switch to the  position. Dependent on size and type of the baked goods, defrost 25 – 45 minutes, take out of the oven and allow to stand 30 – 45 minutes.
- With smaller amounts (pastries), the defrosting time is reduced to 15 – 20 minutes and the subsequent standing time to 10 – 15 minutes.

#### Standard defrosting of various foods:

##### Shelf-in levels:

**With 1 baking sheet:** Slide-in level **3**

**With 2 baking sheets:** Slide-in levels **1** and **3**

- All stated times** are approximate guidelines that vary with the shape and volume of frozen products.
- Raw frozen products or foods from a freezer** always defrost at 50° C. Higher defrosting temperatures may cause the food to dry out.
- Defrost **frozen meals packed in aluminium foil or closed aluminium containers** at a setting of 130 – 140° C.
- Place frozen meals **packed in plastic bags or plastic containers** in a pot filled with water. Cover the pot and defrost of 130 – 140° C.  
**Attention:** Pot handles must be oven-proof.
- Defrost and warm up **frozen baked goods** at 100 – 140° C. Brush bread, rolls or yeast pastry lightly with egg to make the crust more appealing.
- Defrost **dry frozen yeast cakes** at 160 – 170° C for 20 – 30 minutes.
- Defrost **moist frozen yeast cakes** (with fruit topping) at 160 – 170° C for 30 – 50 minutes after wrapping in aluminium foil to prevent cake from drying out.
- Defrost and toast **frozen toast** (with topping) at 160 – 170° C for about 20 minutes.
- Defrost and bake **frozen pizzas** at 180 – 190 °C for 15 – 25 minutes. Place on wire grill covered with greaseproof paper. Please ensure that the greaseproof paper is suitable for use at these temperatures.

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## Cleaning and Care

---

### Important cleaning basics:

- For cleaning, do not use abrasives, corrosive cleaners, aerosol cleaners or sharp objects.
  - Do not scratch off burnt-on food residues, but soak off them with a damp cloth and washing up liquid.
  - Oven cleaners must not be used on aluminium or plastic parts.
- 


### Stainless steel front:

- When using commercially available Stainless Steel cleaning agents, avoid cleaning any lettering, as this can become damaged!
  - Do not use any scouring pads or abrasive cleaners.
  - Use commercially available detergents applied with a soft, moistened cloth or a chamois.
- 

### Enamel and glass:

- Use hot detergent suds for cleaning.
  - Remove the oven door before cleaning the enamel surface.
- 

### Oven interior:

- Clean the oven after each use, especially after roasting or grilling. Food remnants burn in when the oven is reheated. The baked in remnants are very difficult to remove once burnt in.
- You can reduce the degree of soiling by greater use of the circotherm.
-  Do not clean the warm oven with any of the cleaning products specifically designed for this purpose.

- When baking very moist cake (e.g. rich fruit cake) that could drip over the top of the tin, place on the roasting pan or your own baking sheet.
- When roasting, ensure that the meat juices do not splash on to the base of the oven.
- Clean the oven before soiling becomes too heavy. Wash out the oven cavity with hot detergent suds. Leave the door open until the interior has dried.

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## Cleaning and Care

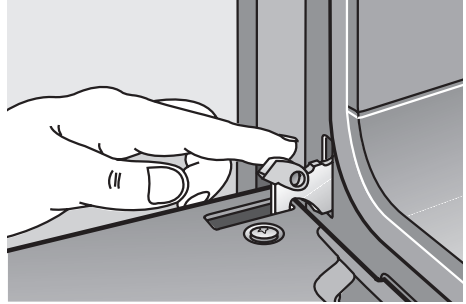
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### Manual cleaning steps:

**Note:** To make cleaning more convenient, the oven offers you the following options:

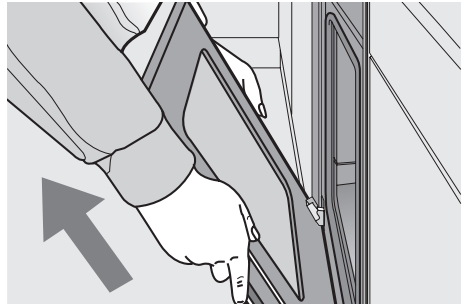
#### Removing the oven door:

1. Fully open the oven door.
2. Move the catch levers on the right and left-hand sides to the fully open position.
3. Placing the door at an upward angle toward you, grasp the door with both hands and lift it out of the hinges toward you.



#### Replacing the oven door:

1. Set both hinges into their respective receptacles on the left and right, and swing the oven door downward.
2. Close the catch levers on the left and right.
3. Close the oven door.



#### Switch on the oven light:

- Set the function selector to a random position.

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## Service and Repair Information

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In the event of problems or repairs that you cannot solve yourself, our customer service will be happy to help. Check the customer service directory for an office facility in your area.

**Caution:** Calling customer service because of an operator error can be very costly! In the event of a service request, please have the following information handy:

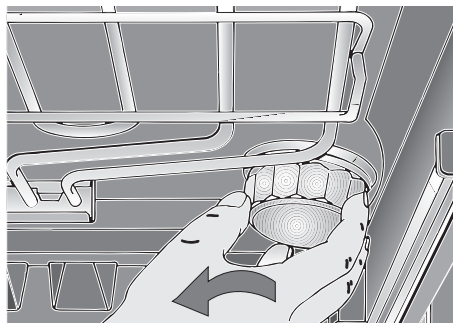
<b>E-Number</b>	<b>FD</b>
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You can find this information on the appliance's nameplate. The nameplate is located on the appliance, behind the oven door, on the left bottom edge of the oven.

### Replacing the oven light:

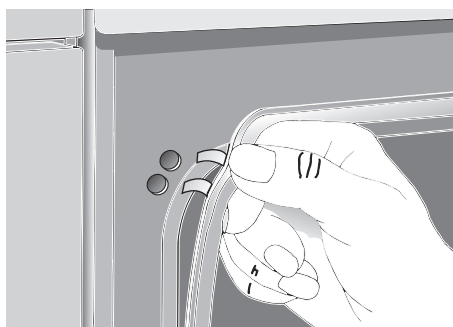
**Caution: Disconnect the appliance or remove the fuse!**

1. To prevent damage, place a tea cloth into the cold oven.
2. Unscrew the lamp cover by turning it anti-clockwise.
3. Replace the lamp.
  - Type: Incandescent bulb E 14, 220–240 V, 40 W, heat-resistant to 300 °C.
  - You may obtain this bulb from our spares department.



### Replacing the oven door seal:

1. Remove the defective oven door seal by simply unhooking it. You may obtain the new oven door seal from our spares department.


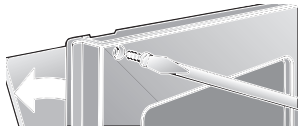


## Trouble-shooting Guide

**Calling the customer service is not always really necessary. In some cases, you can remedy the situation yourself. The following table may contain some helpful tips.**

**Important general safety guidelines:**

Service or repair work on the electronic components may only be performed by a qualified expert. Without exception, prior to starting such repairs, the appliance must be disconnected from the mains. This may be accomplished by tripping the automatic fuse or by removing the fuse from the fuse box that controls your flat or apartment.

Problem	Possible cause	Remedy
There is a general failure of all electrical functions, i.e., the control lamps have suddenly ceased to function.	Defective fuse.	Check the fuse in the fuse box, and replace if required.
Liquids or thin cake mixes are distributed at a visibly uneven thickness.	The appliance has not been placed or installed plumb-and-level.	Level the appliance using the leveling feet, or check the installation.
The electronic timer display suddenly shows a blinking 0.00.	The power supply was briefly interrupted.	Reset the time of day.
The oven suddenly stop functioning.	The electronic timer is set to an automatic timing cycle.	Set the timer for operation without automatic timing. Press the  key.
The oven door window pane fogs up.	This is a normal condition. It is caused by the occurrence of temperature differences.	Heat the oven at 100 °C for about 5 minutes.
A considerable amount of water condensation occurs in the oven.	This condition is normal with moist cakes or with very large roasts.	During baking or roasting, open the oven briefly several times; wipe up condensation after use.
After prolonged use, the oven window panes are soiled from the inside.	This kind of soiling is normal. 	<b>Remove the oven door</b> , and put aside with the handle facing upward. For cleaning, remove the two screws at the door handle moulding with a screwdriver. <b>Caution:</b> During reassembly, install both the door handle and the door seal in their original positions.

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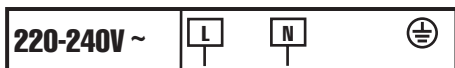
## Assembly Instructions

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### For the installer and kitchen expert!

#### Important installation notes:

- Properly dispose of **packaging materials**.
- Do not use **oven door handle** for transporting or handling the unit during installation.
- WARNING:** Connection and first start of the appliance may only be performed by an authorised specialist.
- Connection must be made using an H05VV-F mains connection cable.
- Nominal connected loading, nominal voltage and model number of the appliance:**  
see the rating plate, located behind the oven door, fixed to the lower left facing edge of the oven.
- The unit's nameplate is located at on the right sidewall of the unit.**
- Electrical safety** of the appliance can be ensured only if the equipment earth in the building installation has been installed according to regulations.
- On the installation side a isolating device shall be provided.  
Any switch with a contact gap exceeding 3 mm may be considered a separating device.  
Other examples are LS switches, fuses and contactors.
- In the case of repairs** interrupt all power connections to the unit.
- Connection diagram**



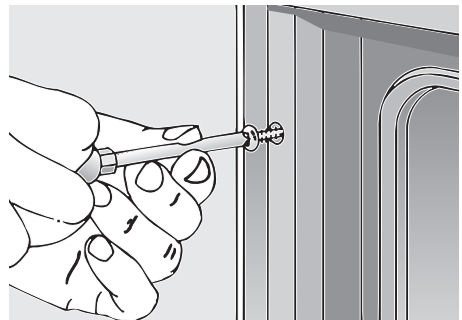
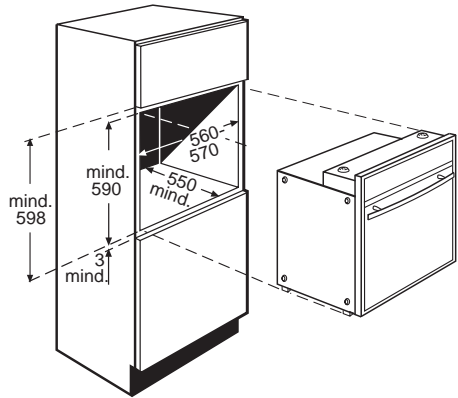
#### Kitchen furniture

Oven housing units from virtually all lines of kitchen furniture are suitable for installing the built-in oven. However, the veneers or plastic laminates on the housing unit must be applied with heat-resistant glue (90 °C). If plastic laminate or glue are not sufficiently heat-resistant, warping, bubbling or detachment of the finish may result.

## Assembly Instructions

### Installation of the built-in oven

- ❑ To burn-in the insulation, heat up the oven prior to installing the unit.
- ❑ Push the built-in oven into the housing unit and align the unit until it is in a **level position**.
- ❑ Open the oven door and, using one screw on each side, fasten the built-in oven to the side strips of the housing unit (see illustration). The two screws (supplied with the built-in oven) must be started slightly outward.
- ❑ Verify that the built-in oven is positioned securely and in a **level position**, and that the required installation dimensions have been maintained.
- ❑ The properly installed appliance must be covered on all sides in such a fashion that not even components with rough insulation are exposed to the touch. The cover must be removable with tools only.



NEFF (UK) Ltd.  
Grand Union House,  
Old Wolverton Road,  
Old Wolverton  
Milton Keynes, MK12 5PT  
Tel: 01908 328300  
Fax: 01908 328399

**5750 203 132**

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