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Operation manual

Built in electrical oven

**model
SP-70-DUO**

Read these instructions carefully before using Your oven, and keep it carefully.

If you follow these instructions, Your oven will provide you with many years of good service

Never transport, push or move the unpacked device directly on the floor.

CONTENT

Using This Manual

This Owner's Manual contains important information on safety and instructions intended to assist you in the operation and maintenance of your appliance.

The following symbols are used in the text of this Owner's Manual



Important



Note

Safety Instructions

Installation of this oven must be performed only by a licensed electrician. The installer is responsible for connecting the appliance to the mains power supply in observance of the relevant safety recommendations.

Electrical safety

- If the oven has been damaged in transport, do not connect it.
- Appliance must be connected to the mains power supply only by a specially licensed electrician.
- In the event of a fault or damage to the appliance, do not attempt to operate it.
- Repairs should be performed by a licensed technician only. Improper repair may result in considerable danger to you and others. If your oven needs repair, contact a Service Centre or your dealer.
- If the supply cord is defective, it must be replaced by a special cord or assembly available from the manufacturer or an authorized service agent.
- Electrical leads and cables should not be allowed to touch the oven.
- Install an omnipolar circuit-breaker with a minimum contact opening of 3 mm between the appliance and the mains. The omnipolar circuit breaker should be sized according to the load and should comply with current regulations (the earth wire should not be interrupted by the circuit breaker).
- The rating plate is located on the right side of the door.
- The power supply of the appliance should be turned off when it is being repaired or cleaned.
- Take care when connecting electrical appliances to sockets near the oven.

WARNING

The appliance should be powered down before replacing the lamp to avoid the possibility of electric shock. During oven operation, the interior surfaces become very hot.

Safety during operation

- This oven has been designed only for the cooking of household foods.
- During use, the oven interior surfaces become hot enough to cause burns. Do not touch heating elements or interior surfaces of the oven until they have had time to cool.
- Never store flammable materials in the oven.
- The oven surfaces become hot when the appliance is operated at a high temperature for an extended period of time.
- When cooking, take care when opening the oven door as hot air and steam can escape rapidly.
- When cooking dishes that contain alcohol, the alcohol may evaporate due to the high temperatures and the vapour can catch fire if it comes into contact with a hot part of the oven.
- For your safety, do not use high-pressure water cleaners or steam jet cleaners.
- Frozen foods such as pizzas should be cooked on the wire grill. If the baking tray is used, it may become deformed due to the great variation in temperatures.
- Do not pour water into the oven bottom when it is hot. This could cause damage to the enamel surface.
- The oven door must be closed during cooking.
- Do not line the oven bottom with aluminium foil and do not place any baking trays or tins on it. The aluminium foil blocks the heat, which may result in damage to the enamel surfaces and cause poor cooking results.
- Fruit juices will leave stains, which can become indelible on the enamel surfaces of the oven. When cooking very moist cakes, use the deep pan.
- Does not rest bake ware on the open oven door.
- This appliance is not intended for use by young children or infirm persons without the adequate supervision of a responsible person ensuring that they are using the appliance safely.
- Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
- If a cooking time is not entered, the oven will shut itself off after the lengths of time indicated below.

Child safety

- Children of less than 3 years should be kept away unless continuously supervised.
- Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- CAUTION- Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- The appliance is not intended for use by persons (including children) with reduced physical sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Keep electrical appliances out of reach from Children or infirm persons. Do not let them use the appliances without supervision.
- Accessible parts may become hot when the oven is in use. Children should be kept away.
- Always place oven racks in desired location while oven is cool. If a rack must be moved while oven is hot, do not let potholder contact the heating elements.
- Always use 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.
- Accessible parts may become hot during use. You children should be kept away.
- Do not allow anyone to climb, stand, lean, sit, or hang on any part of an appliance, especially a door, warming drawer or storage drawer. This can damage the appliance, and the unit may tip over, potentially causing severe injury.

WARNING: The appliance and its accessible surface parts become hot during use. Care shall be taken to avoid touching heating elements. Do not allow children less than 8 years of age to use this appliance unless closely supervised by an adult. Children and pets should not be left alone or unattended in the area where the appliance is in use. They should never be allowed to play in its vicinity, whether or not the appliance is in use.

Cleaning Safety

CAUTION:

Items of interest to children should not be stored in an appliance, in cabinets above an appliance or on the backsplash. Children climbing on an appliance to reach items could be seriously injured.

Do not clean the appliance while it is still hot. Some cleaners produce noxious fumes when applied to a hot surface. Wet clothes or sponges can cause burns from steam.

Make sure the oven is cool before cleaning.

Oven exterior

- For cleaning both the interior and exterior of the oven, use a cloth and a mild cleaning agent or warm soapy water.
- Dry with kitchen paper or a dry towel.
- Do not use scourers, caustic cleaners or abrasive products.

Stainless steel oven fronts

- Do not use steel wool, scouring pads or abrasives. They may damage the finish.

Aluminium oven fronts

- Wipe the plate gently with a soft cloth or microfiber cloth and a mild window cleaning detergent.

Oven interior

- Do not hand - clean the door seal.
- Do not use coarse scouring pads or cleaning sponges.
- To avoid damaging the enameled oven surfaces, use commercially available oven cleaners.
- To remove stubborn soil, use a special oven cleaner.

Oven door glass

The oven door is equipped with three sheets of glass placed against each other. The inner & middle sheets can be removed for cleaning.

- Whenever the door is separated from the oven, the clips should be flipped open.

- Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can cascratch the surface, which may resulting in shattering of the glass.
- When the door is mounted, removing some of the parts (the door glass or some other part) from the door may result in injury.

Accessories

Wash all bakeware and accessories after each use and dry with a kitchen towel.To clean easily, soak in warm soapy water for about 30 minutes.

Catalytic enamel surface

The removable cover casing is coated with a dark gray catalytic enamel that can become coated with oil and fat distributed by circulating air during convection heating. These deposits will burn off at oven temperatures of 200 °C and higher, for example, when baking or roasting.Higher temperatures will result in faster burning.The oven and accessories should be cleaned after each use. Otherwise further baking and roasting will cause the deposits to bake on even harder and cleaning may become difficult and in extreme cases impossible.

Cleaning by hand

Make sure the oven is cool before cleaning.

- The catalytic enameled cover casing should be cleaned using a solution of hot water and washing-up liquid applied with a soft nylon brush.

Do not use abrasive cleaning agents, hard brushes, scouring pads or cloths, steel wool, knives or other abrasive materials.Do not use oven spray on catalytic enamel as the chemicals used in oven sprays will damage catalytic enamel and render it ineffective.

If using oven sprays on the interior oven surfaces, the catalytic cover casing must first be removed from the oven.

Cleaning with high temperatures

Before cleaning the catalytic cover casing with high temperatures, make sure that all interior oven surfaces have been cleaned as described above. Otherwise, the high temperatures can bake deposits onto the interior oven surfaces and make them impossible to remove.

If, after manual cleaning, the oven is still heavily soiled, heating it to a high temperature will help remove soiling caused by oil and grease splashes.

Note that deposits of spices, syrups and similar substances are not removed by this process. These should be removed by hand with a mild solution of hot water and washing-up liquid applied with a soft brush.

- Remove all accessories from the oven.
- Set the oven to conventional function.
- Set the heat to 250 °C.
- Run the oven for approximately 1 hour. The length of time will depend on the degree of soiling.

It is a good idea to set the finish time for the process using the end time setting, in case you forget to switch the oven off at the end. Any remaining soil will gradually disappear with each subsequent use of the oven at high temperatures.

Disposal Instructions

Disposing of the packaging material

- The material used to package this appliance is recyclable.
- Dispose of the packaging materials in the appropriate container at your local waste disposal facility

WARNING

Before disposing of old appliances, make them inoperable so that they cannot be a source of danger.

To do this, disconnect the appliance from the mains supply and remove the mains lead.

To protect the environment, it is important that old appliances are disposed of in the correct manner.

- The appliance must not be disposed of with household rubbish.
- You can obtain information about collection dates and public refuse disposal sites from your local refuse department or council.



Meaning of crossed –out wheeled dustbin:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact you local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumb, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Installing the Oven



Electrical installation of this appliance must be performed only by a licensed electrician.

The oven must be installed according to the instructions supplied.

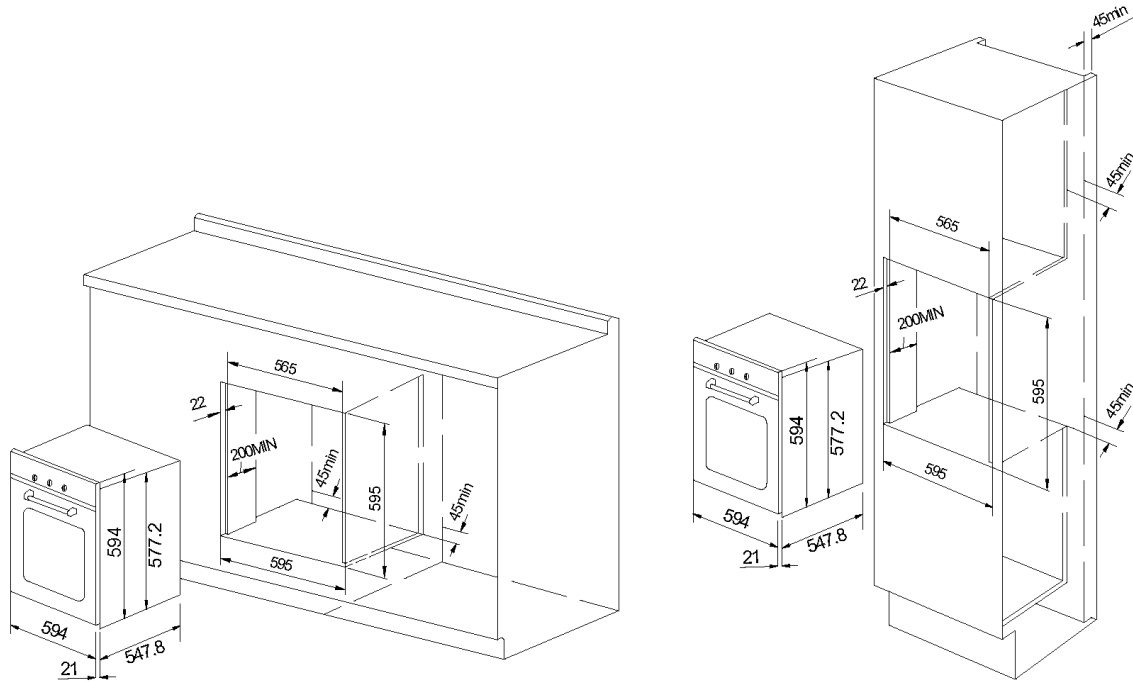
Remove the protective vinyl from the door after installation.

Safety instructions for the installer

ⓘ Installation must guarantee protection against exposure to electrically live parts.

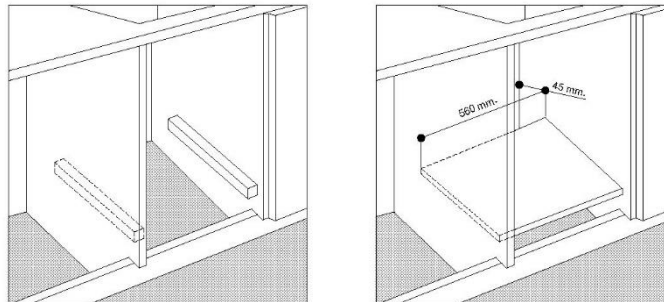
Installation of Built-in Ovens

In order to ensure that the built-in appliance functions properly, the cabinet containing it must be appropriate. The figure below gives the dimensions of the cut-out for installation under the counter or in a wall cabinet unit.



N. B : Installation in compliance with the consumption declaration

In order to ensure adequate ventilation, the back panel of the cabinet unit must be removed. Installing the oven so that it rests on two strips of wood is preferable. If the oven rests on a continuous, flat surface, there must be an aperture of at least 45x560mm.




The panels of the adjacent cabinets must be made of heat-resistant material. In particular, cabinets with a veneer exterior must be assembled with glues which can withstand temperatures of up to 100°C.

In compliance with current safety standards, contact with the electrical parts of the oven must not be possible once it has been installed. All parts, which ensure the safe operation of the appliance, must be removable only with the aid of a tool.

To fasten the oven to the cabinet, open the door of the oven and attach it by inserting the 4 wooden screws into the 4 holes located on the perimeter of the frame.

Connecting to the mains power supply

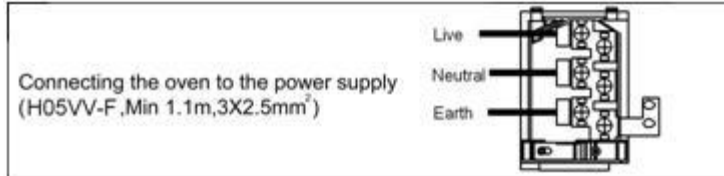
Electrical connections must be made as per the connection plate fixed to the back of the appliance by an electrical fitter who must ensure that the appliance has been connected up in accordance with fitting instructions and local regulations. Where the appliance is not connected to the mains electricity supply by a plug, an Omni polar cutout device (with a contacts gap of at least 3 mm) must be fitted on the supply side of the connection to meet safety requirements.

 When power is connected, the electronics of the oven are initialized; The electric cable (H05VV-F, Min 1.1m, 3X2.5mm²) must be long enough for it to be connected to the built-in oven standing on the floor in front of its unit.

Open the back cover of the oven at the bottom (using a flat-bladed screwdriver) and completely unscrew the connection screw and the cable clamp before fitting conducting wires into the appropriate terminals.

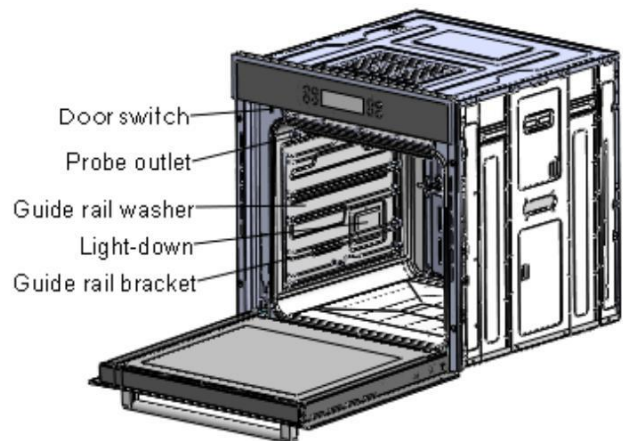
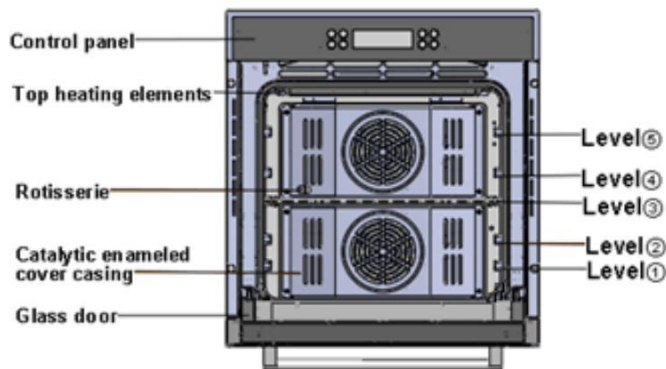
The earth wire must be connected to the (⏏) terminal of the oven.


If the oven is connected to the power supply by a plug, this must remain accessible once the oven has been fitted. We cannot accept any liability in the event of an accident resulting from non-existent or faulty earthing.



Parts and Features

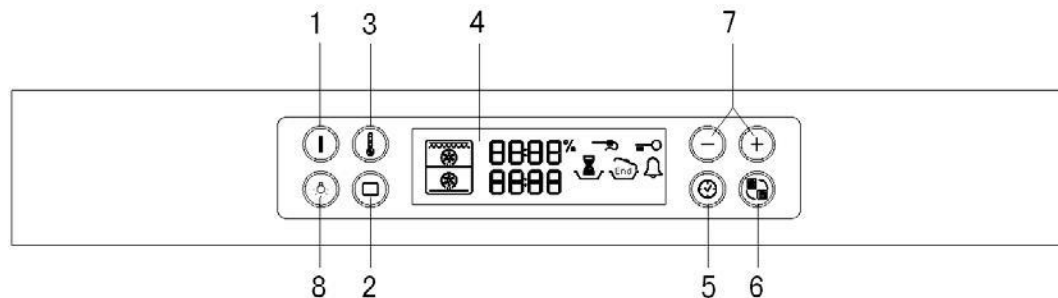
Oven



 Shelf levels are numbered from the bottom up. Levels 4 and 5 are used mainly for the grill function.

Please refer to the cooking guides provided throughout this manual to determine appropriate shelf levels for your dishes.

Oven control



1. On/Off Button

3. Temperature Button

5. Time Button

7. Time / Temp / Function Adjust Button

2. Function Button

4. Window Display


6. Upper and Lower Exchange
□ Button

8. Light Button

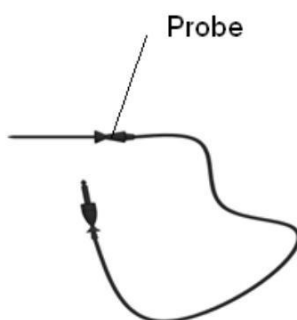
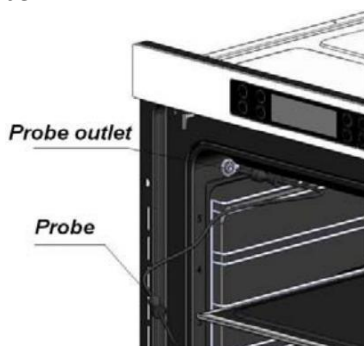
Special features

The oven comes equipped with the following special features.


- **Divider modes:** When the divider inserted, the appliance's divider facility enables independent cooking in two separated partitions, enhancing energy efficiency and convenience for use.
- **Probe** (an optional choice for customers) : This function just can be used in single mode.

(These modes can't use it )

There is a Probe Outlet to match with the Probe.



How to set the oven for roasting when using the probe

- Insert the probe into the meat.
- Plug the probe into the outlet in the oven. Make sure it is pushed all the way in. If the Probe is inserted correctly,  will shows on the display.
- Close the oven door.
- Switch the Oven On by touching the **On/Off Button** , then touch the **Time / Temp / Function Adjust Button** to select the function you need.
- Touch the **Temperature Button**, the oven temperature will shows on the display,you can using the **Time / Temp / Function Adjust Button** set the desired oven temperature, in 5°C increments, from 40°Cto 250°C.
- Touch the **Temperature Button again**, the Probe temperature will shows on the display, you can using the **Time / Temp / Function Adjust Button** set the Probe temperature ,in 5°C increments, from 40°Cto 95°C.
- When the internal temperature of the meat reaches the number you have set, the probe and the oven turn off ,End will show in the display and the oven control will beep.

Accessories

The following accessories are provided with your oven.



1. Wire grill, for dishes, cake tins, roast- ing and grilling trays.





2. Wire roast, for roasting.



3. Baking tray, for cakes and biscuits.




5. Rotisserie spit (only can be used in these two modes:  )

comprises a spit, 2 prongs, a removable handle and a cradle, which fits into the 3rd shelf from the bottom. To use the rotisserie, fit the spit into the hole in the rear wall of the oven's interior. Place the deep pan on level 1 when using the spit.

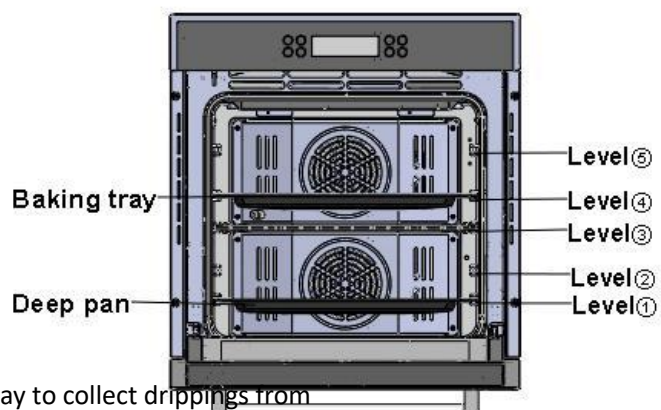
6. Divider, for the upper, lower and twin mode. Use inserted in level 3. There is a divider-sensing switch on the rear wall of the cooking compartment. Insert into the back completely.



 If you hear two beeps after inserting the divider, that means you can use divider function. When you take off the divider, two beeps means this function can not be used.

The baking tray, deep pan and wire grill should be inserted correctly into the side runners. When taking out the cooked foods from the oven, be careful of hot utensils and surfaces.

Example Level 1: Deep pan
Level 4: Baking tray



When using the deep pan or the baking tray to collect drippings from cooking foods, ensure that the pan or tray is properly placed in the side runners. Allowing these accessories to contact the bottom surface of the oven can damage the enamel of the surface. Trays and pans placed on level 1 should clear the bottom surface of the oven by at least 2 cm.

Using the accessories

Divider, Probe, wire grill, baking tray and deep pan

Positioning the divider

Insert the divider into level 3 of the oven.

Positioning the Probe

Insert the **Probe** into the **Probe outlet**.

Positioning the wire grill

Insert the wire grill at any desired level.

Positioning the baking tray or deep pan

Insert the baking tray into level 4 of the oven and the deep pan into level 1 of the oven

WARNING

To cook in the lower, upper or twin divider modes, you must insert the divider.

Safety shutoff

If a cooking time is not entered, the oven will shut itself off after 2 hours.

- This oven's electrical circuitry features a thermal shutoff system. If the oven heats to abnormally high temperatures, the system will shut off the power supply to the heating elements for a period of time or even for all along.

Cooling fan

To cool the oven outer layer, and some models equipped with a cooling fan. When the oven gets hot, the cooling fan is automatically enabled.



When the fan is on, between the oven door and the control panel will appear normal airflow.

Note: After baking, the oven fan has been working to cool sufficiently.

Before You Begin

Setting the clock

When power is first supplied to the oven, the display on the control panel will light briefly and 0:00 will begin blinking in the display. The oven cannot be operated until the clock is set.

- 1 "0: " will blink in the display when power is first supplied to the appliance and shows the set hour.
- 2 Touch the **Time / Temp / Function Adjust Button** "+" or "-" to set the hour of the day. Example: to set 1:30.
Wait for about 5 seconds, The clock stops blinking and show the set hour.
- 3 Press the **Time Button** . The " :00" will blink.
- 4 Touch the **Time / Temp / Function Adjust Button** "+" or "-" to set the minute of the time.
- 5 Press the **Time Button**  to finish setting the clock or wait for about 5 seconds. The " :30" will stop blinking. The display shows the time of day. The appliance is now ready to use.

Initial cleaning

Clean the oven thoroughly before using for the first time.



Do not use sharp or abrasive cleaning materials. These could damage the oven surface. For ovens with enamel fronts, use commercially available cleaning agents.

To clean the oven

1. Open the door, the oven lights comes on by touching the **Light Button**.
2. Clean all oven trays, accessories and side runners with warm water or washing up liquid and polish dry with a soft clean cloth.
3. Clean the oven interior with a soft clean cloth.
4. Wipe the front of the appliance with a damp cloth.

Check that the clock is set correctly. Remove accessories and operate the oven at the convection setting at 200 °C for 1 hour before using. There will be a distinctive odor; this is normal, but ensure your kitchen is well ventilated during this conditioning period.

Oven functions

The features of this oven include the following functions

1. Conventional

Suggested temperature: 200 °C

The conventional function is ideal for baking and roasting foods arranged on one rack. Both the top and bottom heating elements operate to maintain the oven temperature.

Before starting to cook you should preheat the oven.

(You can preheat the oven in the current mode, "Conventional", or in "Top-heat +Convection" mode)

Food Item	Shelf Level	Temperature (°C)	Accessory	Time(min)
Lasagne frozen (500-1000g)	3	180-200	Wire grill	40-50
Dorado & the same size fish(300-1000g) 3-4 cut on each side DROP OIL	3/2	240	Wire grill/ Baking tray (for juice catching)	15-20
Fish filets(500-1000g) 3-4 cut on each side DROP OIL	3	200	Baking tray	13-20
Frozen cutlets (minced meat & with ham, cheese or Mushroom filing) (350-1000g) DROP OIL	3	200	Baking tray	25-35
Frozen cutlets from minced, carrot, beetroot or Potato(350-1000g) DROP OIL	3	200	Baking tray	20-30
Pork on bone cutlets (500-1000g) DROP OIL,ADD SALT& PEPPER	3/2	200	Wire grill/ Baking tray (for juice catching)	40-50
Baked potato (cut in half) (500-1000g)	3	180-200	Baking tray	30-45
Meat roll With mushrooms filing Frozen(500-1000g) DROP OIL	3	180-200	Baking tray	40-50

2. Top Heat + Convection

Suggested temperature: 190 °C

This setting should be used when cooking cakes placed on one shelf and biscuits that must be well browned or crispy on the bottom. It is also good for pizzas, quiches lorraine and cheesecakes. The top heating element is in operation and the fan operates to constantly circulate the hot air.

Before starting to cook you should preheat the oven.

(You can preheat the oven in the current mode " Top-heat +Convection ")

Food Item	Shelf Level	Temperature (°C)	Accessory	Time(min)
Pork on bone (1000g) DROP OIL,ADD SALT&PEPPER	3/2	180-200	Wire grill with products Baking tray (for juice catching)	50-65
Pork shoulder in foil (1000-1500g) Better marinate meat	3/2	180-230	Baking tray	60-120
Whole chicken (700-1500g) DROP OIL,ADD SALT&PEPPER	3/2	190-200	Baking tray	40-55
Meat or fish steaks (400-800g) DROP OIL,ADD SALT&PEPPER	3/2	180-200	Baking tray with a wire roast on top	15-35
Sponge cake(Bisquit) (1000g)	3/2	180	Deep pan	20

3. Convection

Suggested temperature: 170 °C This function bakes foods placed on up to three shelves and is also appropriate for roasting. Cooking is achieved by the heating element on the rear wall and the fan distributes the heat.

Before starting to cook you should preheat the oven.

(You can preheat the oven in the current mode, "Convection heat", or in "Top-heat +Convection" mode)

Food Item	Shelf Level	Temperature(°C)	Accessory	Time(min)
Lamb rack (350-700g) DROP OIL,ADD SALT&PEPPER	3/2	190-200	Wire grill / Baking tray (for juice catching)	40-50
Bananas in foil with chocolate, nuts & brown sugar 3-5pc Each cover by foil with 3-4pc of sugar(drop on sugar water).make a small cut & put inside the cut 10- 15g chocolate, 5-10g nuts	3	220-240	Wire grill	15-25
Bake apples 5-8pc x 150-200g Take out the hearts, add sugar in. Put in a pan with water	3	200-220	Wire grill	15-25
Cutlets from minced meat (300-600g) DROP OIL	3	195	Baking tray	18-25
Meat roll with filling (minced meat) (500-1000g) DROP OIL	3	180-200	Baking tray	50-65

4. Grill

Suggested temperature: 240 °C

The grill function grills large quantities of flat foods, such as steaks, schnitzels and fish. It is also suitable for toasting.

Both the top outside element and the top inside element are on in this mode.

Before starting to cook you should preheat the oven.

(You can preheat the oven in the current mode, "Grill", or in "Top-heat +Convection" mode)

Food Item	Shelf Level	Temperature(°C)	Accessory	Time(min)
Sausages 5-10pc	4/3	200	Wire grill /Baking tray (for juice catching)	10-15
Hunters sausages 8-10pc DROP OIL	4/3	200	Wire grill /Baking tray (for juice catching)	10-12
Toasts 5-10pc	4	240	Wire grill /Baking tray (for juice catching)	8-12
Cheese Toasts 5-10pc	3/2	200	Baking tray	18-25
"Bliny" (Pancakes) with filing frozen) 200-500g) PUT IN COLD OVEN (before preheat) DROP OIL	3	180-200	Baking tray	20-30

5. Fan Assisted Grill

Suggested temperature: 240 °C

The top central heating elements and the fan come on. This combination of features increases the effectiveness of the unidirectional thermal radiation of the heating elements through forced circulation of the air throughout the oven.

This helps prevent food from burning on the surface, allowing the heat to penetrate right into the food. Excellent results are achieved with kebabs made with meats and vegetables, sausages, ribs lamb chops, chicken in a spicy sauce, quail, pork chops, etc.

Before starting to cook you should preheat the oven.

(You can preheat the oven in the current mode, "Fan Assisted Grill", or in "Top-heat +Convection" mode)

Food Item	Shelf Level	Temperature(°C)	Accessory	Time(min)
Camembert for frying, Frozen (2x75g-4x75g) PUT IN COLD OVEN (before preheat)	3	200	Wire grill	10-12
Tomato-Mozzarella baguettes (French bread) (with ham, with salami) frozen	3/2	200	Wire grill /Baking tray (for juice catching)	15-20
Fish fingers (300-700g)	3/2	200	Wire grill /Baking tray (for cheese catching)	15-25

PUT IN COLD OVEN (before preheat) DROP OIL				
Fish burger frozen (300-600g) PUT IN COLD OVEN ,DROP OIL	3	180-200	Baking tray	20-35
Pizza frozen (300-500g) PUT IN COLD OVEN (before preheat)	3/2	180-200	Baking tray	23-30

6. Bottom Heat + Convection

Suggested temperature: 190 °C

The Bottom Heat + Convection mode is for recipes calling for a moist topping and a crisp base, as with foods like pizzas, quiches lorraine, German-style open fruitcakes and cheese-cakes. Before starting to cook you should preheat the oven. (You can preheat the oven in the current mode, "Bottom-heat + Convection", or in "Top-heat +Convection" mode)

Food Item	Shelf Level	Temperature(°C)	Accessory	Time(min)
Yeast dough pie with apple Frozen (350-700g)	3	180-200	Wire grill	15-20
Puff pastry small pie with filling frozen (300-600g) BRUSH EGG YOLK,PUT IN COLD OVEN(before preheat)	3	180-200	Baking tray	25
Meat balls in sauce (250-500g) USE A frying pan	3	180-200	A pan on a Wire grill	25-35
Puff pastry fans (500-1000g) BRUSH EGG YOLK	3	180	Baking tray	15-23
Cannelloni in sauce (250-500g) USE A PAN	3	180	A pan on a Wire grill	22-30
Yeast dough pies with filling (600-1000g) BRUSH EGG YOLK	3	180-200	Baking tray	20-30

7. Twin Convection

In the models of ovens where the Twin Convection function is, one can cook 2 dishes with 2 different modes at the same time, using the divider.

For example, you can cook apple pie putting it in lower part of the oven with meat steak putting it in the upper part of the oven. Before starting to cook you should preheat the oven.

You can preheat the oven in any mode you choose as current or in "Top Heat + Convection" Mode Variant 1

PARTITION	Food Item	Shelf Level	Cooking Mode	Temperature (°C)	Accessory	Time (min)
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UPPER OVEN	Meat or fish Steaks	4	Top-heat+ convection	180-200	Baking tray with wire roast on top	15-35
	(400-800g) DROP OIL,ADD SALT&PEPPER					
LOWER OVEN	Yeast dough pie with apple frozen (350-700g)	1	Bottom Heat+ Convection	180-200	Wire grill	15-20

Variant 2

PARTITION	Food Item	Shelf Level	Cooking Mode	Temperature (°C)	Accessory	Time (min)
UPPER OVEN	Meat or fish Steaks (400-800g) DROP OIL,ADD SALT&PEPPER	4	Top-heat+ convection	180-200	Baking tray with wire roast on top	15-35
LOWER OVEN	Puff pastry small pie with filling frozen (300-600g) BRUSH EGG YOLK,PUTIN COLD OVEN (before preheat)	1	Bottom Heat+ Convection	180-200	Wire grill	25

8. Probe

Meats			Minutes	Oven Temp	Internal Temp.
Beef	Rib Boneless RIB,	Rare	20-24	165°C	60°C
	Top Sirloin	Medium	24-28	165°C	70°C
	(1360 to 2270g)	Well	28-32	165°C	75°C
	Beef Tenderloin	Rare	10-14	165°C	60°C
		Medium	14-18	165°C	70°C
Pork	Bone-in Boneless (1360 to 2270 g)		23-27	165°C	75°C
	Chops (1/2 to 1" thick)	2 chops	30-35 total	165°C	75°C
		4 chops	30-40 total	165°C	75°C
		6 chops	40-45total	165°C	75°C
Ham	Canned, Butt, Shank (1360 to 2270g)		14-18	165°C	60°C


	(fully cooked)			
Lamb	Bone-in Boneless Medium	17-20	165°C	70°C
	(1360 to 2270g) Well	20-24	165°C	75°C
Seafood	Fish whole (1360 to 2270g)	30-40 total	205°C	
	Lobster Tails (170-230g each)	20-25 total	175°C	
Poultry	Whole Chicken (1134 to 1588g)	24-26	175°C	80-85°C
	Cornish Hens Unstuffed (453-680g)	50-55 total	175°C	80-85°C
	(Stuffed 453-680g)	55-60 total	175°C	80-85°C
	Ducking (1800-2270g)	24-26	160°C	80-85°C
	Turkey, whole*			
	Unstuffed (4536-7260g)	8-11	160°C	80-85°C
	Unstuffed (8165-10890g)	7-10	160°C	80-85°C
	Turkey Breast (1814-2720g)	16-19	160°C	75°C




Oven use


Setting the divider mode

For upper, twin and lower modes, insert the divider when the oven is being "Off" state. For single mode, remove the divider when the oven is being "Off" state. And switch on the oven by touch **"On/Off" Button**, then touch the **Function Button** to select the mode you want. For further details, see the table below.

1. Switch on the oven by touching "On/Off" Button.
2. Short touch the Function Button to select the desired partition.
3. Touch the Time / Temp/ Function Adjust Button "+" or "-" to select the desired oven function. If 3 seconds have elapsed and there are no further adjustments, the oven will begin automatically in the selected mode and function.

If you want to change the partition, Touch the Function Button  and hold for about 3 seconds, then Short touch the Function Button to select the desired partition.

Divider	Marking	Oven Function	Insert Divider	Usage Information
Upper Mode		1. Convection 2. Top Heat+ Convection 3. Top Heat	Yes	This mode saves energy and time when cooking small amounts of food.
Twin Mode		Both Upper and Lower Partition Function	Yes	You can cook two dishes at two different temperatures at the same time.
Lower Mode		1. Convection 2. Bottom Heat+ Convection	Yes	This mode saves energy and time when cooking small amounts of food.

Single Mode		<ol style="list-style-type: none"> 1. Convection 2. Top Heat+ Convection 3. Convectional 4. Grill 5. Fan Assisted Grill 6. Bottom Heat+Convection 7. Defrosting 	No	Standard oven mode. It gives the biggest capacity of oven chamber, also special functions can be used.
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Upper mode

The divider should be inserted.



Convection



Top Heat + Convection



Top Heat

Lower mode

The divider should be inserted.



Convection

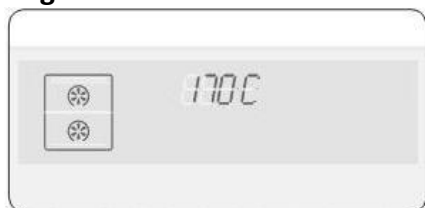


Bottom Heat + Convection

Twin mode

The upper and lower modes operate at the same time. It is possible to set which mode activates first. When one of the dishes has finished cooking in twin mode and you would like to change the cooking time or temperature of the other partition, touch the **Function Button** to select the mode (upper or lower) that you would like to continue operating, then touch the **Time Button** and the **Temperature Button** to select the cooking time or temperature. Divider should be inserted.

Single mode



Convection



Top Heat + Convection



Standard



Grill



Fan Assisted Grill




Bottom Heat + Convection



Defrosting

Setting the oven temperature

In single, upper and lower modes

- 1 Touch the **Temperature Button**  and hold for about 3 seconds, the temperature will flash.
- 2 Touch the **Time / Temp/Function Adjust Button** "+" or "-" to adjust the temperature in increments of 5 °C.

Single Mode	40°C-250°C
Upper Mode	40°C-250°C
Lower Mode	40°C-250°C



The temperature may be adjusted during cooking.

In twin mode



1. Touch the Temperature Button and hold for about 3 seconds ,the temperture will flash(upper or lower mode).
2. Touch the Time / Temp/Function Adjust Button “+” or “-” to adjust the temperature in increments of 5 °C.
3. Touch the upper and lower exchange Button, the temperture will flash (lower or upper mode).
4. Touch the Time / Temp/Function Adjust Button “+” or “-” to adjust the temperature in increments of 5 °C.

Upper Mode	180°C-250°C
Lower Mode	180°C-250°C

 The temperature may be adjusted during cooking. Temperature difference of upper and lower is 30°C.

Switching the Oven On/Off

To switch the oven on/off, touch the **On/Off Button**.

Switching the Light On/Off

To switch the lighe on/off, touch the **Light Button**.

End time

You can set the end time during cooking.

In single upper and lower modes



- 1.Touch the **Time Button** several times untill the end time icon and the three digits on the display begin to flash.
- 2.Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired end time.
- 3.The oven operates with the selected end time automatically after press the **Time Button** or wait for about 3 seconds.

Button



seconds.






- (1) During cooking, you can adjust the previously set end time with the **Time Button** and **Time / Temp /Function Adjust Button** for better results.

- (2) You can not set cook time during the function with probe.

In twin mode

End times for the upper and lower modes can be selected using the **Time Button**、the **upper and lower exchange button** and the **Time / Temp /Function Adjust Button**.

- 1.Touch the **Time Button**  several times untill the end time icon and the three digits on the display begin to flash (upper or lower) .
2. Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired end time.
3. Touch the **upper and lower exchange button**  , the end time icon and the three digits on the display begin to flash (lower or upper) .
4. Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired end time.
5. The oven operates with the selected end time automatically after press the **Time Button**  or wait for about 3 seconds.





During cooking, you can adjust the previously set end time with the **Time Button** and **Time / Temp /Function Adjust Button** for better results.

Cook time

You can set the cook time during cooking.

In single、upper and lower modes




- 1.Touch the **Time Button**  several times untill the cook time icon and the three digits on the display begin to flash.
2. Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired cook time.
- 3.The oven operates with the selected cook time automatically after press the **Time Button**  or wait for about 3 seconds.



- (1) During cooking, you can adjust the previously set cook time with the **Time Button** and **Time / Temp /Function Adjust Button** for better results.

- (2) You can not set cook time during the function with probe.




In twin mode

- 1.Touch the **Time Button**  several times untill the cook time icon and the three digits on the display begin to flash (upper or lower) .
2. Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired cook time.
3. Touch the **upper and lower exchange Button**  , the cook time icon and the three digits on the displaybegin to flash (lower or upper) .
4. Touch the **Time / Temp /Function Adjust Button** “+” or “-” to set the desired cook time.
5. The oven operates with the selected cook time automatically after press the **Time Button**  or wait for about 3 seconds.



- During cooking, you can adjust the previously set cook time with the **Time Button** and **Time / Temp /Function Adjust Button** for better results.

In single、upper and lower modes

- 1.Touch the **Time Button**  several times untill the cook time icon and the three digits on the display begin to flash.
2. Turn the **Time / Temp /Function Control Knob**  to set the desired cook time.
- 3.The oven operates with the selected cook time automatically after press the **Time Button**  or wait for about 3 seconds.









- (1) During cooking, you can adjust the previously set cook time with the **Time Button** and **Time / Temp /Function Control Knob**

for better results.

(2) You can not set cook time during the function with probe.


In twin mode

1. Touch the **Time Button**  several times until the cook time icon and the three digits on the display begin to flash (upper or lower) .
2. Turn the **Time / Temp /Function Control Knob**  to set the desired cook time.
3. Touch the **upper and lower exchange Button** , the cook time icon and the three digits on the display begin to flash (lower or upper) .
4. Turn the **Time / Temp /Function Control Knob**  to set the desired cook time.
5. The oven operates with the selected cook time automatically after press the **Time Button**  or wait for about 3 seconds.


 During cooking, you can adjust the previously set cook time with the **Time Button** and **Time / Temp /Function Control Knob** for better results.

Delayed start




If the end time is entered after the cook time has already been set, the cook time and the end time are calculated and if necessary the oven sets a delayed start point.

1. Touch the **Time Button**  .
Example : Current time is 3:00 and the desired cook time is 5 hours.
2. Touch the **Time / Temp /Function Adjust Button** "+" or "-" to set the end time. Example: You want to cook for 5 hours and finish at 8:30.









3. Touch the **Time Button**  . The oven is inoperable until the delayed start point.

Kitchen timer (for Oven control 1)

1. Touch the **Timer Button**  several times until "  " icon and the three digits on the display begin to flash.
2. Touch the **Time / Temp /Function Adjust Button** "+" or "-" to set the desired time.
3. Touch the **Timer Button**  to start the kitchen timer. When the set time has elapsed, an audible signal sounds..

Child safety function

- 1 Touch the **Time Button**  and **Function Button**  at the same time and hold for 1 seconds.  icon will appear in the display .
- 2 Press the **Time Button**  and **Function Button**  at the same time and hold for 3 seconds again to unlock.

 When locked, all buttons and knobs except the **Divider Select Knob** and the unlock button will not operate. The lock is available whether or not the oven is in operation.

Cleaning and Care

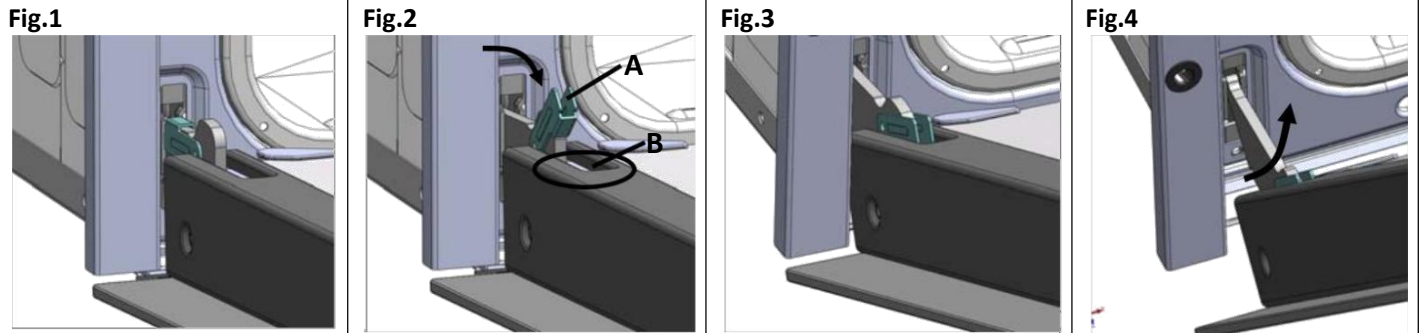
Cleaning the oven door

For normal use, the oven door should not be removed but if removal is necessary, for example, for cleaning, follow these instructions. The oven door is heavy.

How to Remove the Oven door

For a more thorough clean, you can remove the oven door. Proceed as follows:

- Open the door to the full extent (Fig.1);
- Open the lever A completely on the left and right hinge (Fig.2);
- Hold the door as shown (Fig.3);
- Gently close the door until left and right hinge levers A are hooked to part B of the door (Fig.4); Reassemble the door by following the above procedures backwards.



To dismantle the oven door (two methods)

Method 1 remove and assemble procedure:

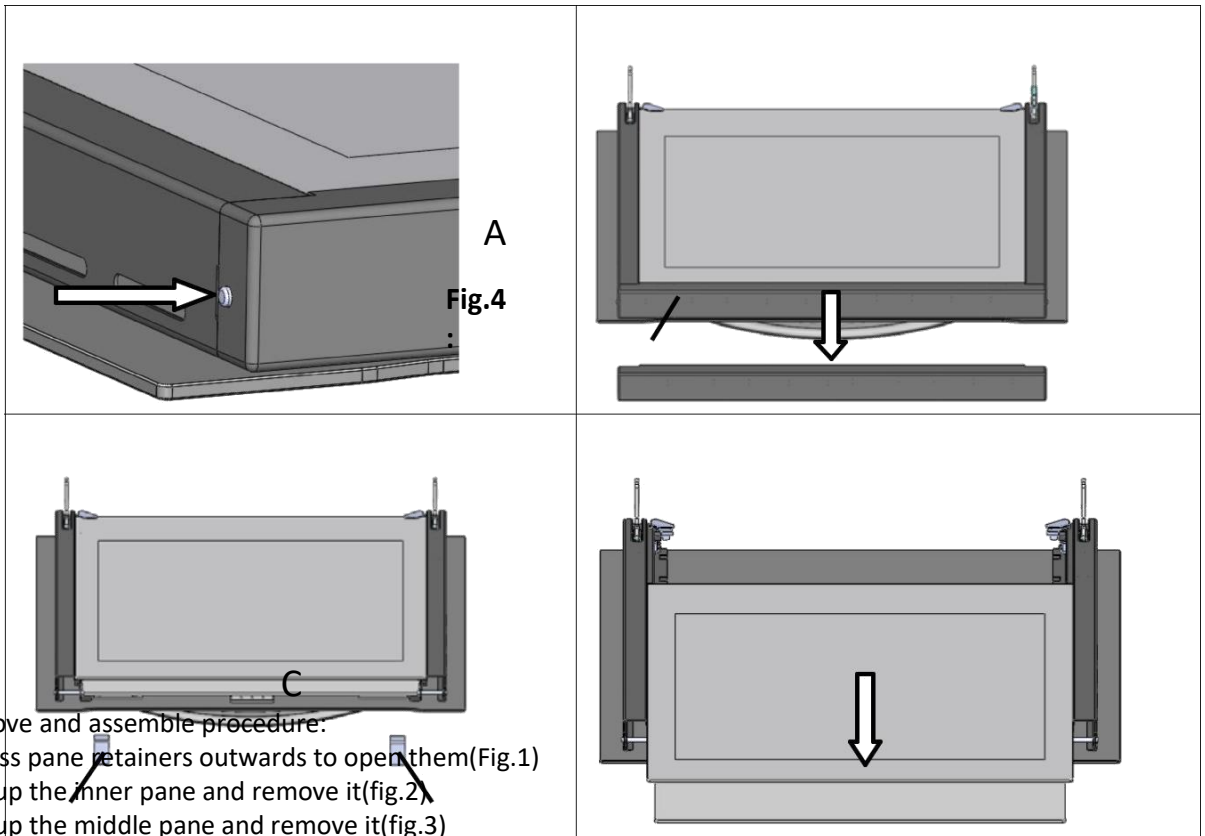
- Remove the seal A(Fig.2)、B、 C(Fig.3) by push the no.2 rods of left and right sides(fig.1)
- Gently pull out the inner and middle panes of glass(fig.4)
- Clean the glass and other components with an appropriate cleaner. Dry thoroughly, and place on a soft surface. Reassemble the door by following the above procedures backwards.

Fig.1:

Fig.2

:

Fig.3:



Method 2 remove and assemble procedure:

- Flip the glass pane retainers outwards to open them(Fig.1)
- Gently lift up the inner pane and remove it(fig.2)
- Gently lift up the middle pane and remove it(fig.3)
- Clean the glass and other components with an appropriate cleaner. Dry thoroughly, and place on a soft surface. Reassemble the door by following the above procedures backwards.

Fig.1:

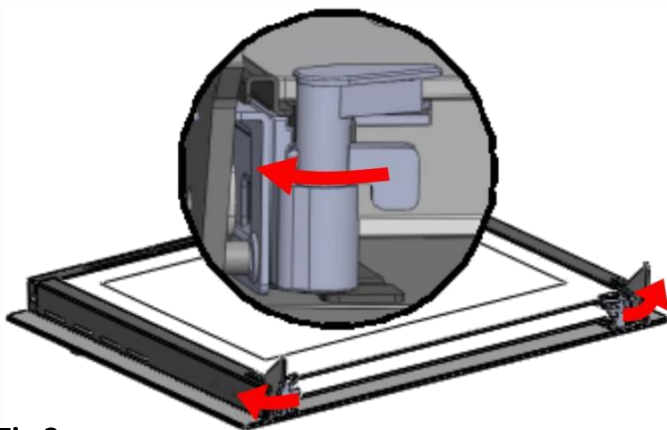


Fig.3:

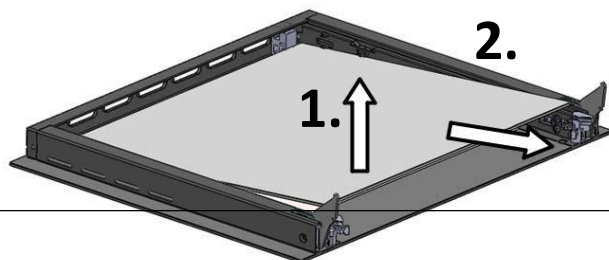
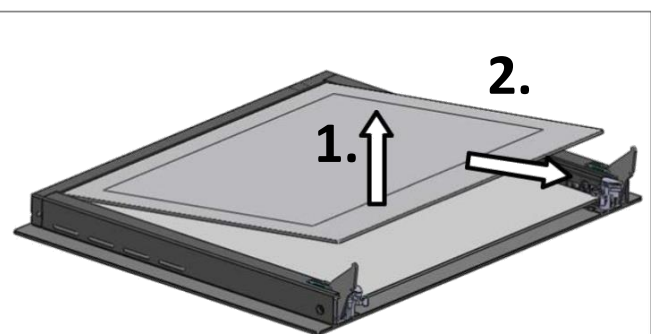


Fig.2

:



Warranty & Service

FAQs and Troubleshooting

On no account open the appliance housing!

Installation, maintenance and repairs may only be carried out by a suitably qualified and competent person in strict accordance with current national and local safety regulations.

Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorised work. Ensure current is not supplied until after maintenance or repair work has been carried out.

Problem	Possible cause and remedy
The oven does not heat up	<ul style="list-style-type: none">- The oven may not be switched on. Switch the oven on.- The clock may not be set. Set the clock.- Check to see if the required settings have been applied.- A household fuse may have blown or a circuit breaker may have tripped. Replace the fuses or reset the circuit. If this happens repeatedly, call an authorised electrician.
A noise can be heard after a cooking programme	The cooling fan remains switched on after the end of a cooking programme.
The back lighting is not working	<ul style="list-style-type: none">⌚ Disconnect the appliance from the electricity supply: Switch off and unplug at the socket, or disconnect the fuse, or switch off at the isolator as appropriate.⌚ Turn the lamp turn anti-clockwise to release it and then pull it downwards to take it out.⌚ Replace it with a new halogen lamp.⌚ Refit the lamp cover and turn it clockwise to secure it.⌚ Reconnect the appliance to the mains electricity supply.
The side lighting is not working	<ul style="list-style-type: none">⌚ Disconnect the appliance from the electricity supply: Switch off and unplug at the socket, or disconnect the fuse, or switch off at the isolator as appropriate.⌚ Remove the shelf runners.⌚ Use the lever to release the lamp cover from its frame.⌚ Replace it with a new halogen lamp.⌚ Push the lamp cover back into its retainers, and replace the shelf runners.⌚ Reconnect the appliance to the mains electricity supply.
Cakes and biscuits are	There will always be a slight unevenness. If browning is very uneven check that the correct



browning unevenly	temperature was set and that the correct shelf level was used.
A fault code appears in the display:ER + a number	-ER 3 or ER 4:Temperature sensor error, you can call local service centre -ER 0:Communication failure,you can call local service centre

Technical data

Power Source	220-230V ~50/60Hz
Volume (usable capacity)	67 L
Output Power	4,190-4,985 W
Compan y Name	ARDA(ZHEJIANG)ELECTRIC Co., LTD
Compan y Add	NO.166,Yingui northern road, chengxi new industrial area Yongkang , Zhejiang 321300 P.R. China