

Model TPW-23 Oven and Cooker User

CE

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1. OVEN ELECTRONIC CARD

1.1 INTRODUCTION

1.1.1 Touch Buttons

1.1.2 Cooking Function Selection button

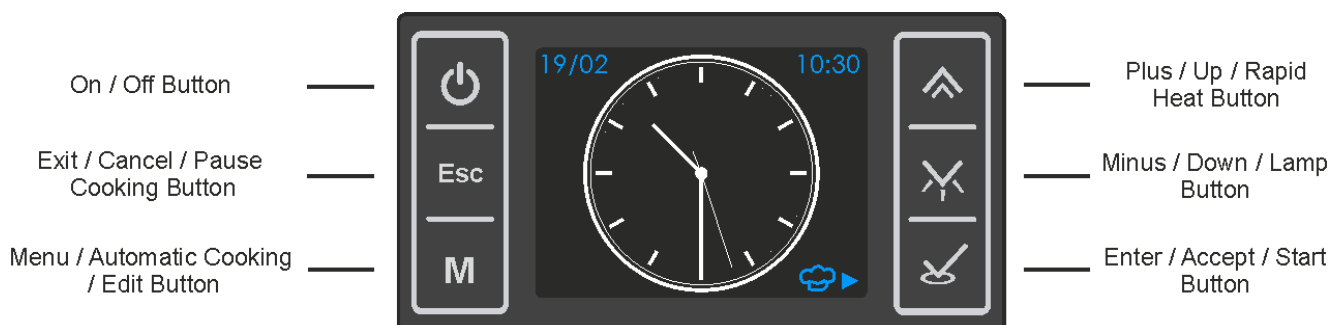
Resides on the left hand side of the oven and the screen (in some oven models, its position may be exchanged with the Temperature Adjustment button) and serves to select the desired cooking function. As the big oven symbol with symbolized cooking function is flashing on the screen (means you are allowed to change the currently assigned cooking function), touching it up/down will bring the next/previous cooking function onto the screen. The cooking function appearing on the screen will be accompanied by its default assigned Temperature , flashing on the screen.

1.1.3 Temperature Adjustment Button

Resides on the right hand side of the oven and the screen (in some models , its position is exchanged with the Cooking Function Selection Button) and serves to adjust the cooking Temperature. As the Temperature assigned to the cooking function is flashing, touching up/down buttons will increase/decrease the adjusted Temperature in 5C (5F).

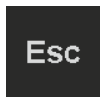
Cooking Function and Temperature Selection Touch Buttons

TCH-2B touch boards can be used instead of selection buttons. Every touching to appropriate button changes cooking function to the next one or changes temperature 5C (5F) steps.





Switches the oven ON or OFF upon long press (1 sec) , independent of the child lock. Any running program will be cancelled when turned OFF.



When scrolling through screen menus, pressing this button has the function of returning to the previous menu, at the end resulting in the idle screen. Pressing this button during a running cooking program will pause, a long (2 sec) press will cancel the program.



Serves to toggle between idle and main menu screens. In some cases / screens, it serves as a shortcut key to access directly the related edit menu.



Used to scroll upwards within menu items or for increasing any numerical parameter on the screen during editing. Long press during a cooking activates the RAPID HEAT UP function.



Used to scroll downwards within menu items or for decreasing any numerical parameter on the screen during editing. Long presses except being in any adjustment mode, will turn on and off the lamp.



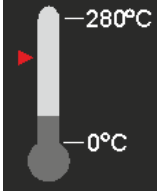

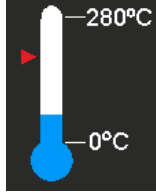























Used for selecting a highlighted menu item or confirm any (adjusted) parameter visible on the screen or to start cooking or a cooking program with prev. adjusted parameters.

1.1.5 Screen Symbols


The symbols which may appear on your screen and their meanings are below

	TOP heating element		Turnspit
	Grill heating element		Circular(Turbo) Fan (Opsiyonel)
	Selected cooking function (left example is for a combination of top + bottom + fan elements)		Lamp
	Bottom heating element		Defrost

	KeepWarm		Tray position recommendation (left example is for the mid position)
	Set Temperature and heating cycle indicator () This symbol indicates the set Temperature level according to the scaling from 0-280C. During a heating cycle (heater relays on), it will appear in red, otherwise in blue.		Thermometer Symbolises the oven cavity Temperature. The level of the interior fluid symbolization dynamically changes according to the measured cavity Temperature. It is scaled as 0C at the lowest, 280C at the top level. The color will be red when heating elements are active or the cavity Temperature is above 60C, otherwise it is blue.
	Cooking Appears when a cooking is in progress		Waiting for the cooking start time Appears when a delayed cooking is programmed and waiting for the time to start cooking.
	Rapid Heat Up		Alarm Appears steady when an alarm is or being set, flashes when the set alarm time has expired.
	Cooking Menu		Settings Menu
	Cooking Guide Menu		Auto Cooking. Appears steady during an automatic cooking, flashes upon its completion.
	Manual Cooking		Screen Clock Appearance Menu
	Start of Cooking		Language Selection Menu
	Cooking Duration		Time of day Time of day / clock adjustment
	End of Cooking		Date adjustment Menu
	Elapsed cooking time		Sound Menu (symbol on the left means all sound effects are on)
	Alarm Clock		Temperature Unit Selection Menu
	Child Lock		

1.2 USE

1.2.1 Switching ON

The screen will be black and empty when the device is OFF. By long (1 sec) pressing of the  button, the device is switched on, the screen lights up (a temporary logo screen may appear depending on the software version) and the idle screen will be visible. The oven controls are enabled now. To switch the device OFF, a long press of the same button is required. In that case, any running cooking program will be cancelled.





INFO: When no cooking or cooking program is in progress, the brightness of the screen will be reduced automatically after 1 minute following the last button press.

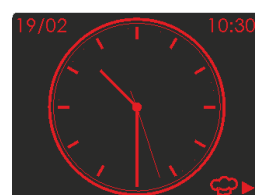
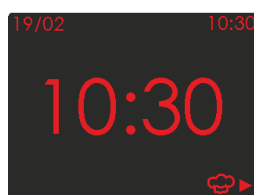
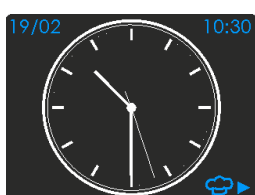
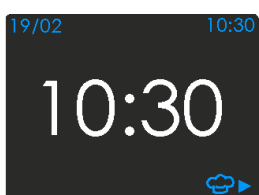
Mains Power Losses:

Your oven control will not be affected from mains power interrupts shorter than 2 minutes. Longer power losses will cause the oven to get OFF, any adjusted cooking or alarm will be cancelled. Upon power restore after a long loss of power, the device will be in idle mode when it was ON , in OFF mode when it was OFF before the mains power interrupt .

INFO! Upon first installation or after a power loss lasting longer than 48 hours, the date and time of day settings will not be correct. Please set/correct them using the SETTINGS menu.



The idle Screen

The idle screen is defined as the screen appearance as no cooking program is in progress and the time of day and date are shown. Any of the symbols  ,  ,  or  , not related to cooking may also take place on the idle screen .

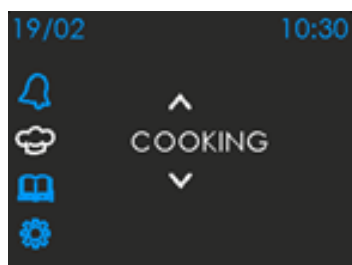








Digital Screen Clock Analog Screen Clock When oven cavity Temperature > 60C

When the Temperature of the oven cavity is above 60C, the screen will appear as red on black.

INFO : The symbol  appearing on the bottom right of the screen indicates that the,  button has a shortcut function to enter the cooking menu directly. The function and Temperature settings indicated on the screen will be the ones used in the last cooking performed before..

1.2.2 The Main Menu Screen and its items



There are 4 main menu items: 'ALARM', 'COOKING', 'COOKING GUIDE' and 'SETTINGS'. The MAIN MENU screen can be accessed upon pressing the  button when no cooking program is in progress . You can scroll through the 4 main menu items by pressing  or  buttons and select one by pressing . By pressing  or  , you can return to the idle screen.

1.2.3 Cooking



Using the cooking menu, you can start a manual cooking or program an automatic cooking and run it.

Cooking Functions

Your oven has 11 or more cooking functions. There might be additional available functions depending on the oven model.

Display	Function Name	Recommended Temperature	Setting Range	Display	Function Name	Recommended Temperature	Setting Range	Display	Function Name	Recommended Temperature	Setting Range
	Static Cooking	200C	50C-250C		Bottom Cooking	180C	50C-250C		Top Cooking	180C	50C-250C
	Small Grill	250C	50C-250C		Grill	250C	50C-250C		Small Grill + Fan	200C	50C-250C
	Static + Fan	200C	50C-250C		Pizza	200C	50C-250C		Grill + Turnspit	250C	50C-250C
	Defrost	20C	20C-60C		Keep Warm	80C	60C-90C		Small Grill + Turnspit	250C	50C-250C


Manual Cooking


It is a cooking type in which you select the cooking function and Temperature manually and terminate cooking manually after being sure the food is well cooked.

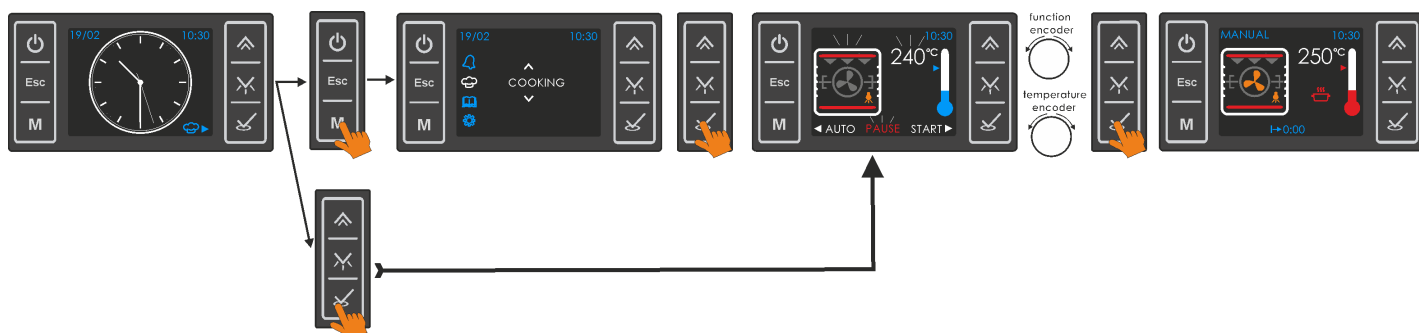
Press **M** as no cooking present and enter the main menu. Select “COOKING” by pressing **↩**. The screen will show the first cooking function and its assigned Temperature in a flashing manner. (pressing directly **↩** as the idle screen is visible is also available as a shortcut, in that case the last cooking parameters - function and Temperature – will be flashing)

Rotating the cooking function Selector button, select the desired function. The assigned Temperature of this function will also appear on the screen..




Rotating the Temperature button, you may change the Temperature within allowed limits.



Press  to start cooking. Cooking will last until manually stopped or the maximum allowed duration (10 hours) have been elapsed. In the latter case, an error code (see Error Codes) will be displayed on the screen.

Note: The elapsed cooking duration will be shown on the bottom near the symbol  in hours: minutes format.



Pause, Edit or Cancel a Manual Cooking

During a manual cooking, pressing  will pause it , PAUSE will appear on the screen in a flashing manner. An edit screen with flashing cooking function and Temperature is accessed. Rotating the related buttons on both sides , the cooking function and Temperature can be changed. Pressing  will resume manual cooking with the changes made if any. Instead, you can also press  to access automatic cooking parameters.

At any time during manual cooking, by pressing  (results in the idle screen) or  (screen will turn off) for 2 seconds , you may cancel the manual cooking.

Auto Cooking

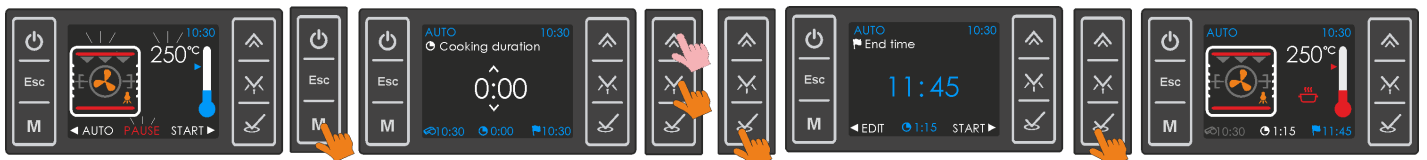
In case of using automatic cooking, by programming the cooking period and/or the cooking end time, cooking will be terminated automatically and accordingly.

Auto Cooking / Instant start

Cooking will start immediately and will be automatically terminated when the defined cooking duration has elapsed.

- 1- Follow the first 3 steps of manual cooking (explained above) to set the desired cooking function and Temperature.
- 2- Press **M** to enter the cooking duration menu.
- 3- Set the desired cooking duration using buttons **▲** or **✕** (maximum allowed cooking duration is 10 hours). Press **✓** to confirm your adjustment. The screen will show the cooking end time.
- 4- Press **✓** to start auto cooking. Cooking will be automatically ended when the cooking duration has elapsed.

Note: In the bottom info line of the screen , you will see the cooking start time, the remaining cooking duration and the cooking end time.



Delayed Auto Cooking

You may also use your oven by defining a cooking end (food ready) time. In this case, cooking will not start immediately but after some delay. This delay is automatically calculated according to the end time setting you give in and the cooking duration. The end time (food ready time) cannot exceed the current time of day plus 23 hours 59 minutes.

- 1- Follow the first 3 steps of auto cooking (explained above) to set the desired cooking function, Temperature and cooking duration.
- 2- Press **M**. The screen will show the end time.
- 3- Set the desired cooking end time using **▲** or **✕** buttons (maximum allowed cooking end time is current time + 23hours 59 minutes)
- 4- Press **✓** to start the delayed cooking program . Now , the control will wait until the calculated cooking start time, which is symbolized by **🕒** appearing on the screen.

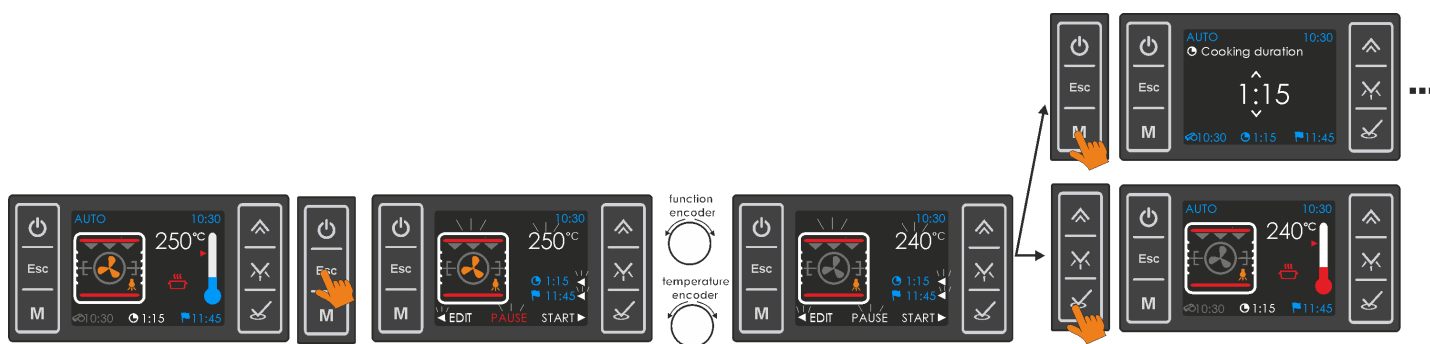
In the example below, it is explained how a previously entered 1h:15 min duration cooking is delayed so that cooking will be terminated automatically at 12:50. Since the current time of day is 10:30, the oven will wait until 11:35, at that time start cooking for 1 hour 15 minutes and automatically stop cooking at 12:50.



Note: In the bottom line of the screen , you will see the cooking start time , cooking duration and the cooking end time.

Pause, Edit or Cancel an Automatic Cooking :

During an Auto Cooking, pressing **Esc** will pause it, PAUSE, cooking function and Temperature will start flashing. Rotating the related buttons on both sides, the cooking function and Temperature can be changed. . You may also press **M** to enter the menus for editing the cooking duration and end time. Pressing **✓** will resume auto- cooking with the changes made if any.



At any time during auto-cooking, by pressing **Esc** (results in the idle screen) or **Power** (screen will turn off) for 2 seconds , you may cancel the cooking . The cooking program will be erased.

Note: On the bottom line of the Follow the first 3 steps of manual cooking (explained above) to set the desired cooking function and Temperature.

Cooking guide

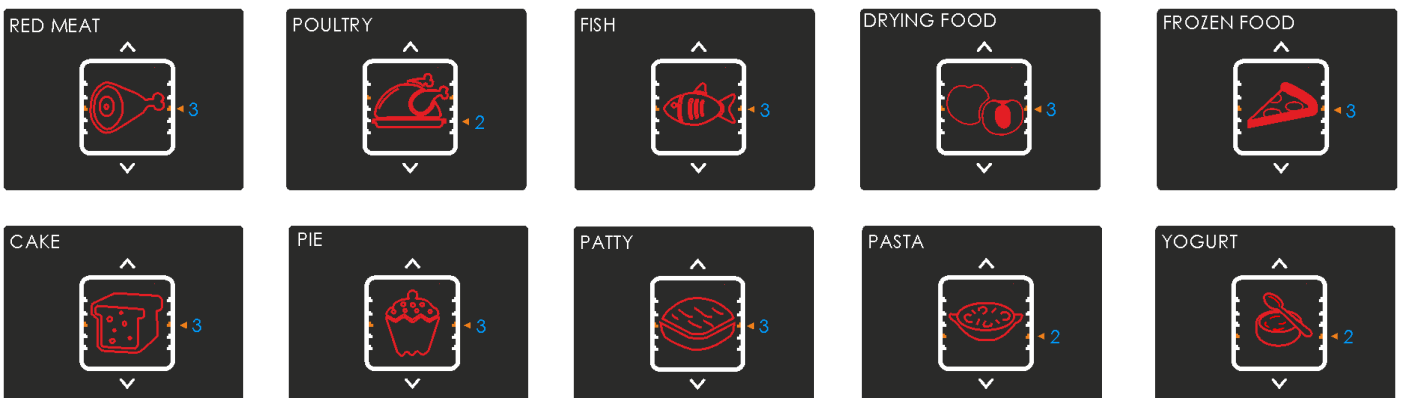


Using the Cooking Guide menu, you can select one food type among a variety. The most suitable cooking function, Temperature, Cooking Duration will be automatically set. You will also be advised a suitable tray position.

1. Press **M** as no running cooking program, and access the main menu. Select 'Cooking Guide' using buttons **▲** or **✕** and press **✓**. The first type of food in memory and the suggested tray position will be shown on the screen.






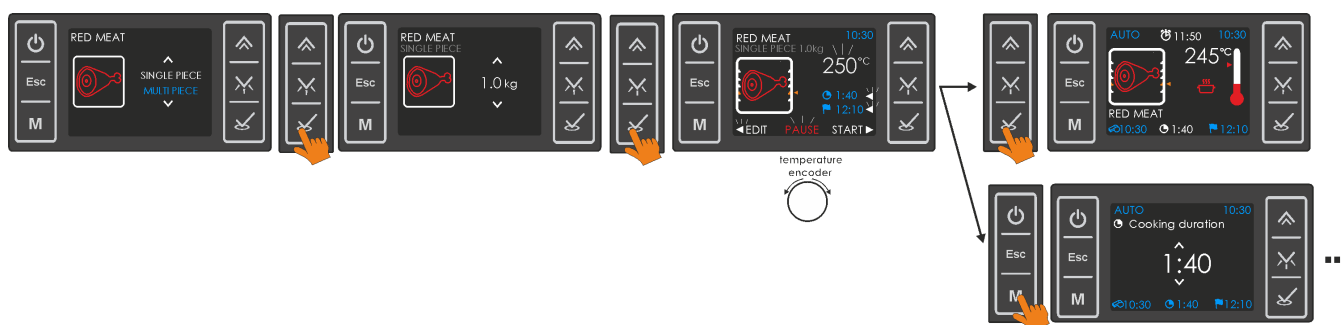
2. Using the **▲** or **✕** buttons (or by rotating the Function Selector Button), you may scroll through all available food types. Press **✓** when the desired food type is on the screen.






3. For some type of foods, the control will ask you if your food to be cooked as a single piece or multi pieces (e.g a big piece of meat or sliced meat /steak). Using **▲** or **✕**, select the correct match and press **✓** to confirm.
4. The weight of the food to be cooked might be asked for some food types. Give in the right weight (correct the default weight appearing if necessary) using **▲** or **✕** and confirm with **✓**.

5. The screen will show all parameters of the cooking you are about to start. The set oven Temperature will be flashing and can be changed within allowed limits rotating the Temperature button.



6. Pressing  will start cooking with the parameters seen on the screen including the automatically set cooking duration and end time. Before pressing , you may edit those two parameters by pressing  and entering the edit menu. Editing is done as explained before in the AUTO COOKING paragraph before (Please note that the cooking duration is only allowed to be changed within some limits).



Pause, Edit or Cancel a Cooking :

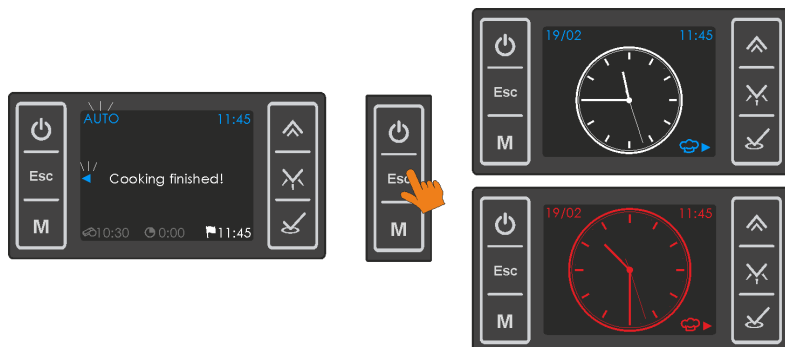
During Cooking, pressing  will pause it, PAUSE and Temperature will start flashing. Rotating the related button, Temperature can be changed. You may also press  to enter the menus for editing the cooking duration and end time. Pressing  will resume auto-cooking with the changes made if any.



At any time during auto-cooking, by pressing  (results in the idle screen) or  (screen will turn off) for 2 seconds , you may cancel the cooking . The cooking program will be erased. .


Automatic End of a Cooking

Any cooking except manual, will end automatically when the programmed cooking duration has elapsed. The screen will show the 'cooking finished' indication, AUTO symbol will be flashing and a buzzer tone is heard. Press **Esc** to confirm you received the message and stop it, the idle screen will be visible now.




When the oven cavity Temperature is below 60C

When the oven cavity Temperature is above 60C.


INFO: The Cooking Function and Temperature setting of the last cooking will be memorized. Direct Access to the cooking menu with those parameters is possible when  appears nearby.

1.2.4 Alarm

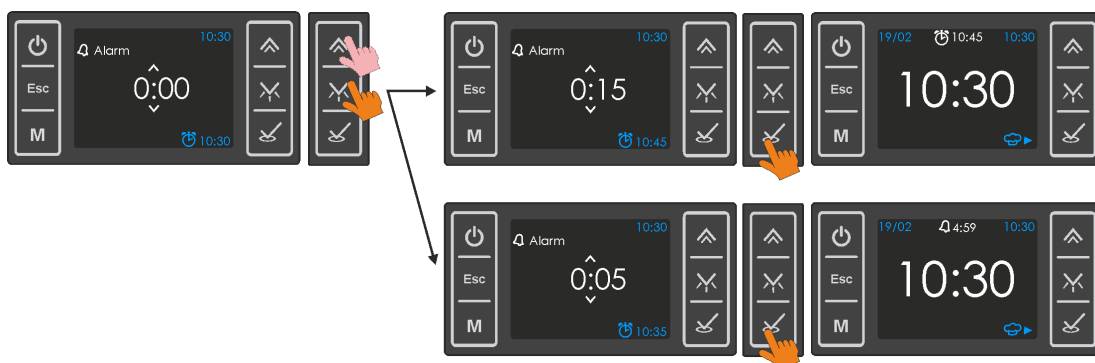
 You may use the Alarm function independent of the cooking functions. The alarm will sound after the adjusted duration has elapsed or the adjusted time of day has been reached.

Press **M**. This will result in the main menu screen if no cooking or cooking program is running, select ALARM using buttons **▲** or **✕** and confirm with **✓**. The alarm duration menu will appear. If a cooking or cooking program was running, this screen will appear directly upon pressing **M**.



Using buttons **▲** and **✕**, adjust the alarm duration in terms of hours: seconds. Note that, the time of day the alarm will be activated (calculated according to the duration being programmed), is also indicated on the bottom right of the screen, nearby the  symbol. After completing your adjustment, press **✓** to confirm.

The remaining time for the alarm will be indicated on the top of the screen if less than 10 minutes, in minutes : seconds format, nearby the 🔔 symbol. If more than 10 minutes, the time of day the alarm will be active is indicated instead, nearby the 🕒 symbol.



Auto end or Cancellation of an Alarm:

To cancel any running alarm countdown, the duration has to be set to zero following the steps above.

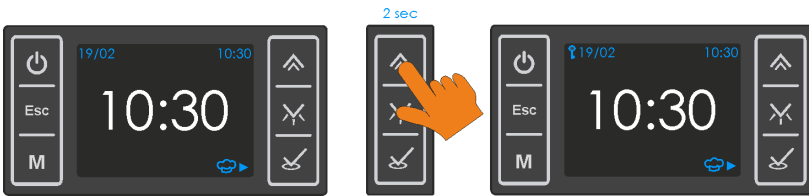
When the programmed alarm time has been reached / programmed duration has expired, the buzzer will sound and 🔔 0:00 will be flashing on the screen. Any button press will stop the buzzer, whereas only pressing Esc will clear up the screen resulting in the idle screen.






1.2.5 Smart functions

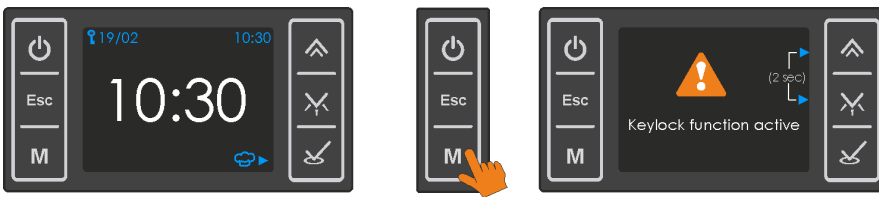
The Child Lock

In order to prevent unintended button presses, you may use the child lock function. To activate, press both ⬆️ and ✖️ simultaneously for 2 seconds, when not being in any adjustment mode. The symbol 🔒 will appear on the left top of the screen.



When the child lock is active, only button  will be functional . By long pressing  you can turn the control ON or OFF. All other touch keys will be inactive.




As the child lock is active, any button press except  will result in a warning message shown below. To disengage the child lock, press both  and  buttons for 2 seconds.

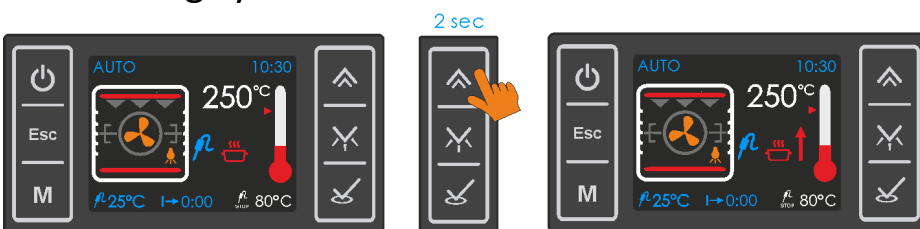



The warning message will disappear after 10 seconds if key lock is not disengaged.

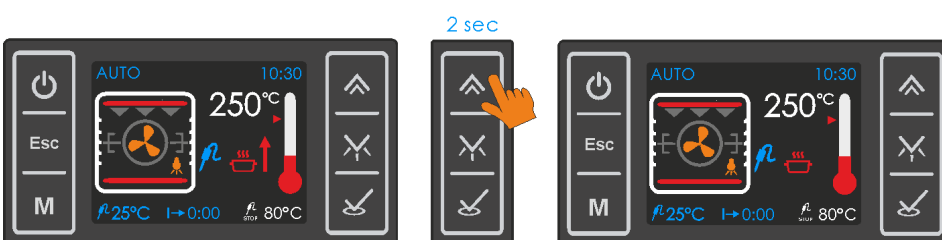
Rapid Heat Up


This tool is useful for heating up the oven rapidly to the set Temperature by temporarily activating convectional heating (circular heating elements and turbo fan) . Those additional heating elements will automatically be deactivated when the desired cavity Temperature has been reached.

As cooking is running (after having started) , pressing  for 2 seconds will activate this function. The rapid heat up symbol  will appear on the right of the cooking symbol .




To cancel any running rapid heat up function, pressing  for 2 seconds is required.



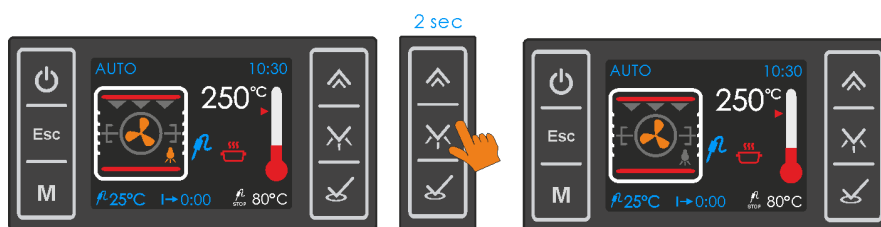
The rapid heat up function is automatically cancelled when the oven cavity Temperature reaches the set value,  symbol will disappear.

Note: Rapid Heat Up cannot be activated during any grill function or if the difference between set and actual Temperature is less than 50C or the set Temperature is below 100C in other functions

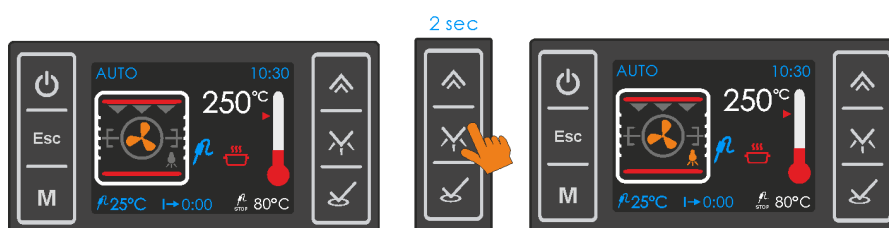
Lamp ON/OFF

When not in any adjustment menu, pressing  for 2 seconds will toggle the lamp off and on.


Switching the Lamp OFF:



Switching the Lamp ON:



When the Lamp is ON, the lamp symbol on the screen will appear colored, when OFF grey.

Note: when entering the cooking menu lamp light up automatically. if user starts cooking lamp remains lit. If desired, the lamp can be turned off by pressing the  button for 2 seconds.

Settings



Using this menu, you may adjust the time of day, date, language,

screen clock (digital or analog) , sound preferences and the Temperature unit to be used.

Press **M** as no running cooking program, and access the main menu, select SETTINGS using buttons **▲** or **✕** and press **✓**. The first menu on the screen will be the time of day. To make adjustments on the current menu on the screen, press **✓**, to access other menus, scroll with **▲** or **✕**. Press **✓**, when the menu to be adjusted appears on the screen.



INFO: In case of a running cooking or cooking program , the Settings menu cannot be accessed.

Time of Day

Following the steps below, the time of day can be adjusted.

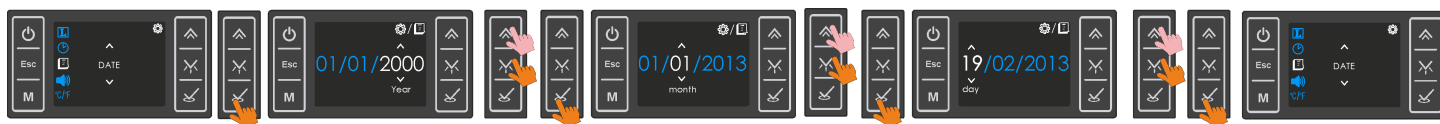


As seen above , you can select any of 24 or 12 hour formats.



INFO: In case of an alarm countdown, time of day menu cannot be accessed.

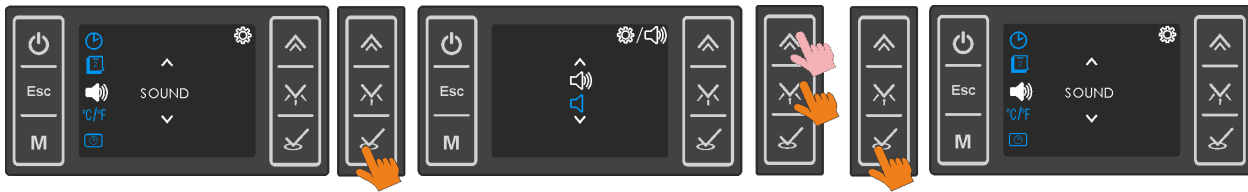
Date

Following the steps below, the date can be adjusted.



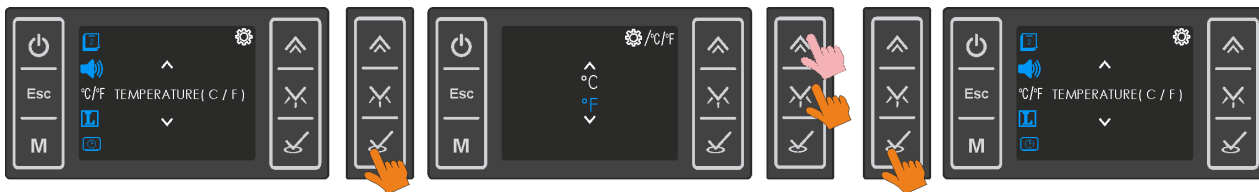
Sounds

Selecting and confirming  , the buzzer sound will only be active upon any alarm and/or cooking end. Selecting  will activate all other warning tones available additionally.



Temperature Unit

Any of the units Celcius or Fahrenheit can be selected as explained below.



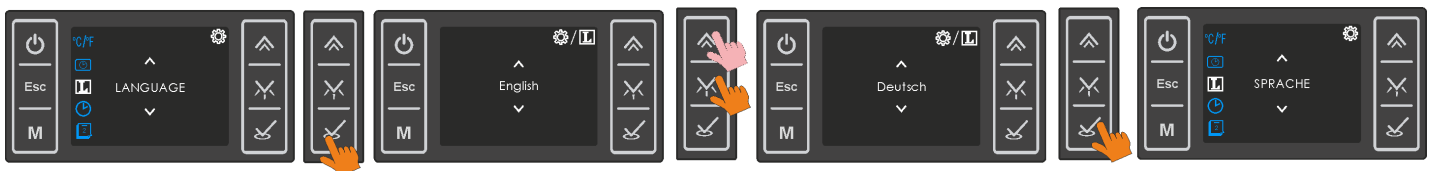
Screen Clock





The clock indication on the idle screen may be selected as digital or analog as explained below.




Language

Any of the available languages may be selected as explained below.



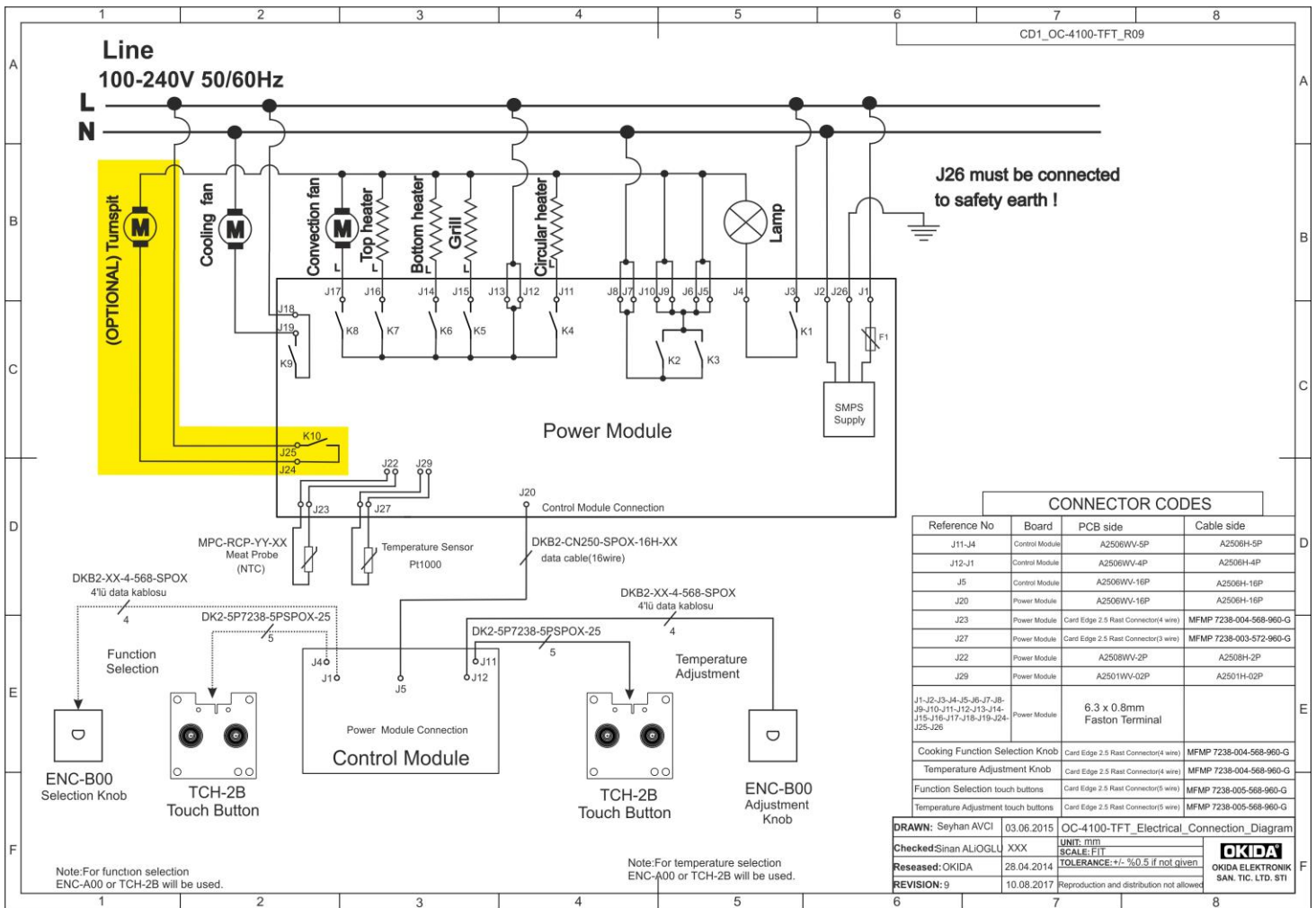
INFO : After completing an adjustment , the adjusted menu item will appear on the screen . You may select another item to be adjusted using buttons  or  and confirm with  or return to the main menu screen by pressing  .

1.2.6 Error Codes

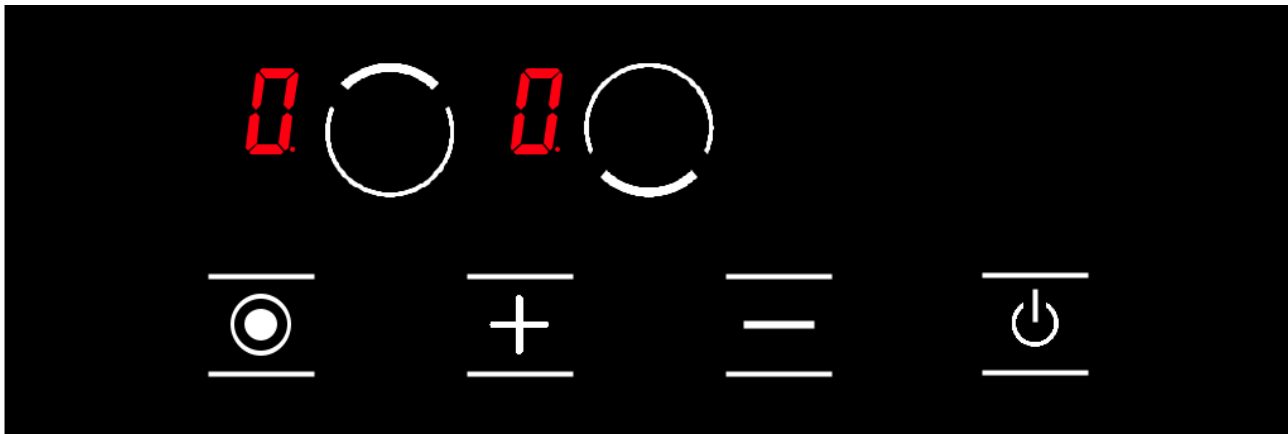
Any error preventing normal operation will be displayed on the screen . In that case, any running cooking or cooking program will be cancelled. The message will remain on the screen until  is pressed , even if the error has been recovered.




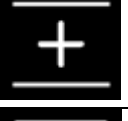



Error Code	Explanation
Error 1	Temperature Sensor Error The connector of the sensor may be loose or disconnected. Temperature sensor malfunction . Power Module malfunction
Error 2	User Module Temperature limit exceeded The ambient Temperature of the user module is > 85C. Cooling Fan malfunction . User module malfunction
Error 3	User Module Temperature Limit Sensor Error User module malfunction
Error 6	Real Time Clock Error The real time clock IC on the user module is defect.
Error 8	Power Section Error (oven gets not heated or does not cool down) Loose heating element connection Power Module malfunction
Error 9	Frequency Error The crystal oscillator of the real time clock is defect.

1.2.8. Electrical Connection Diagram



2. 30 CM BUILT-IN STOVE OVALDUAL - DOUBLE ELECTRONIC BOARD





	Upper cooking area selection key
	Lower cooking area selection key
	Special function selection key
	Plus key
	Minus key
	On / OFF key
	Temperature display icon

2.1 Turning the Stove ON/OFF

Note: Unit becomes operational within 1 second after it is plugged to the mains. All LEDs and displays illuminate for 1 second.



Figure 1

Unit is turned on by pressing the  key. The  symbol is displayed on all displays. (See Fig. 1)

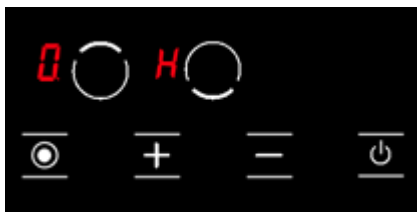


Figure 2







If the temperature of the glass over the hobs is above + 60°C,  and  icons are displayed on the display of the relevant successively. ( = 0.5 seconds,  = 0.5 seconds) (see Fig. 2)



Figure 3

Unit is turned off by pressing the  key. (see Fig. 3)
You may turn off the unit by pressing the  key even if the child lock is active.

WARNING: Electronic components remain active for 20 seconds. If there is no cooking level within this period, unit switches to “**off mode**” automatically with a signalling sound.

Residual Heat Display

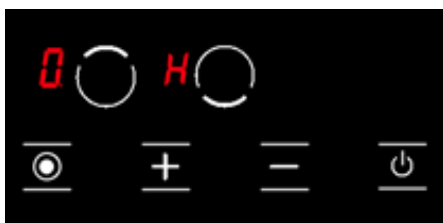



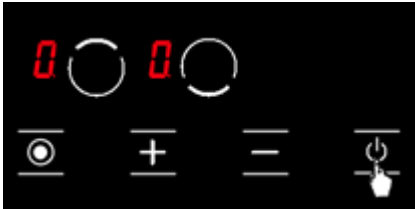
Figure 4

If the  icon on the display of the stove is illuminated, this means that the relevant hob is still hot. It may be used for heating a small amount of food. (See Fig. 4)

WARNING: Residual heat display is not illuminated and thus it does not warn the user against heat in case of a power outage

WARNING: Residual heat display of each cooking area remains active until the measured glass temperature is below + 60 °C.

Turning the Stove Cooking Areas ON



1.  Turn the stove on by pressing the button.

(See Fig. 5)

Figure 5




2. Press the relevant hob selection key. The  icon shall be displayed in the relevant hob when you touch for the first time. (See Fig. 6)

Figure 6






3. Power level of the relevant hob may be set from 1 to 9 using the  and the  keys or from  to 9 as per the option of the stove. (See Fig. 7)

Figure 7

WARNING: If the hob selected is hot,  icon shall be displayed instead of  icon after the selection is made.

Keep Warm Function (Optional)

Keep warm function keeps the cooked food placed on a cooking area warm. The selected hob is operated with a lower power in this function. Keep warm function is also a cooking level.

To activate the keep warm function



Figure 8


1.  Turn the stove on by pressing the button. (See Fig. 8)



Figure 9




2. Press the relevant hob selection key once. The  icon is displayed when you touch for the first time. (See Fig. 9)



Figure 10

3. Then, press the  key once. The  icon shall be displayed in the relevant hob with this touch. (see Fig. 10) Thus, the keep warm shall be activated.

Turning the Stove Cooking Areas Off:



Figure 11


1. You may turn the stove off by pressing the  button. (See Fig. 11)



Figure 12

2. Using the **+** and **-** keys, bring the temperature on all hobs to **0**. (see Fig. 12) Stove shall be turned off by itself after 20 seconds.

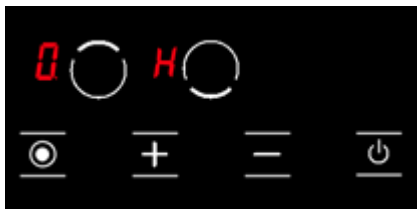


Figure 13

3. If any hob is still hot after 20 seconds, **H** symbol is displayed until the temperature of the relevant hob becomes lower than +60 °C. (see Fig. 13) No icon is displayed after the stove is turned off if the relevant hob is not hot.

2.2 Child Lock Function (Optional)

To activate the child lock



Figure 14

1. Press upper hob selection key (**0**) and plus key (**+**) simultaneously, you shall hear a short warning signal at this time. (see Fig. 14) Then, remove your fingers from the stove control panel.



Figure 15

2. Press the upper hob selection key (**0**) again. (See Fig. 15)



Figure 16

3. The child lock is activated at this time and the **L** icon is displayed on all hobs to indicate this condition. (see Fig. 16) The **L** and **H** icons are displayed alternatively if any hob is hot.

To deactivate the child lock until the stove is turned off



Figure 17

1. The **L** icon is displayed on all displays when the stove is on and the child lock is active. (see Fig. 17) The **L** and **H** icons are displayed alternatively if any hob is hot. You may turn the stove on or off with the **⏻** key only.



Figure 18

2. Press upper hob selection key (**⏻**) and plus key (**+**) simultaneously. (see Fig. 18) You shall hear a short warning signal at this time. Then, remove your fingers from the stove control panel.



Figure 19

3. The **H** icon is displayed on all displays. (see Fig. 19) The **H** and **L** icons are displayed alternatively if any hob is hot.

WARNING: Child lock is deactivated until the stove is turned off only with the steps performed in this section. In other words, child lock shall be activated again if the unit is turned off and on again. Thus, the child lock shall be activated whenever the stove is turned off and on.

To activate the child lock completely



Figure 20

1. The **L** icon is displayed on all displays when the stove is on and the child lock is active. (see Fig. 20) The **L** and **H** icons are displayed alternatively if any hob is hot. You may turn the stove on or off with the **⏻** key only.



Figure 21




2. Press upper hob selection key () and plus key () simultaneously. (see Fig. 21) You shall hear a short warning signal at this time. Then, remove your fingers from the stove control panel.



Figure 22

3. Press the  key again. (see Fig. 22) This shall be performed right after the 2nd step. Child lock is deactivated permanently. In other words, child lock shall continue to be deactivated even if the unit is turned off and on again.

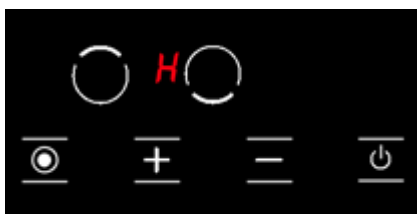



Figure 23

4. Unit switches to stand-by mode after these procedures. However, the  icon shall be displayed in case of a hot hob even if the unit switches to stand-by mode. (See Fig. 23)


WARNING: Child lock shall be deactivated in case of a power outage.

Special Function Selection Key

Special function selection key controls the double heater. When the double heater is selected for cooking, both hobs of this heater are activated. You may select one cooking area of the double heater by pressing the special function selection key. Touch the special function selection key again to activate both cooking areas of the heater.



Figure 24

A point () icon is displayed beside the cooking level of the relevant hob when both hobs of the double heater are active. (See Fig. 24)



Cooking level is displayed by itself without a point (•) icon when a single hob of the double heater is activated by touching the special function selection key. (See Fig. 25)

Figure 25

2.3 Error Codes and Recommendations for Solutions

Error codes, their probable causes and recommendations for solutions are provided in the chart below.

WARNING: The chart below is applicable for all models

Error Code	Error Description	Potential Cause for Error	Clearing Error
ER 03 & continuous signal sound	Constant use of buttons; control unit is disrupted after 10 seconds.	Water or cooking utensils on the glass over the control unit.	Clean the operating surface of the stove.
ER 20	Flash fault.	^ C error.	Replace the electronic board.
ER 21	Excessive temperature.	The ambient temperature for electronics is too high.	Allow the cooking surface to cool down. Check the temperature verification of the control unit.
ER 22	Key evaluation fault. Control unit is turned after 3.5 – 7.5 seconds.	Short circuit or error in detection of keys.	Replace the electronic board.
ER 31	Configuration data is incorrect.	---	New configuration is required.

ER 36	Temperature sensor error.	Short circuit or electronic board turns off.	Replace the electronic board.
ER 40	Power supply is too low to turn on the appliance	Primary PTC is too hot.	Disconnect the stove from power supply system.
ER 47	Communication error between the electronic board configuration and the heaters.	No communication or faulty communication.	Make sure that the connection cable is connected correctly and functionally.
U 400	Incorrect connection.	Control unit is connected incorrectly.	Connect the stove to correct mains voltage.

WARNING: If the device is operated at maximum level for too long, it can turn off automatically. This is an ordinary measure for safety of the device.

2.4 Hotplate usage

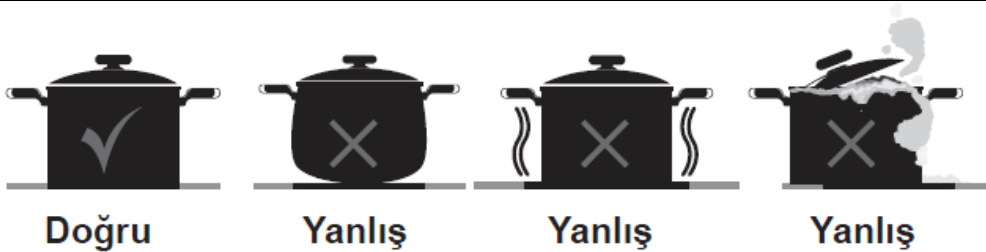
You can use the electric cooker, by selecting the desired level through remote panel button. The power of the cooker according to the level is given in the table below.

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6
80 mm	200 W	250 W	450 W	---	---	---
145 mm	250 W	750 W	1000 W	---	---	---
180 mm	500 W	750 W	1500 W	---	---	---
145 mm Speed	500 W	1000 W	1500 W	---	---	---
180 mm speed	850 W	1150 W	2000 W	---	---	---
145 mm	95 W	155 W	250 W	400 W	750 W	1000 W
180 mm	115 W	175 W	250 W	600 W	850 W	1500 W

145 mm Speed	135 W	165 W	250 W	500 W	750 W	1500 W
180 mm Speed	175 W	220 W	300 W	850 W	1150 W	0 W

2.5 Electric heating power

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	LEVEL 7	LEVEL 8	LEVEL 9	Max.
Ø 140 mm Commutator	130 W	206 W	350 W	500 W	850 W	1200 W	---	---	---	---
Ø 180 mm Commutator	180 W	470 W	790 W	850 W	1230 W	1700 W	---	---	---	---
Ø 180 mm Regulator	180 W	180 W	1800 W	1800 W	1800 W	1800 W	1800 W	1800 W	1800 W	---
Ø140/250 mm Ovaldual	100 W	100 W	1000 W	1000 W	1000 W	1000 W	1000 W	1000 W	1000 W	1800 W
Ø120/180 mm Double	700 W	700 W	700 W	700 W	700 W	700 W	700 W	700 W	700 W	1700 W



The diameter of the cookware needs to be minimum 120 mm.

2.6 Maintenance and cleaning

Before cleaning the cooker please unplug it from electricity. If the cooker is hot please wait until it is cool.

1. Your cooker must be cleaned and maintained regularly to ensure a long economic life.
2. Do not clean the cooker with hard tools such as hard brushes, dishwasher wire or knives. Do not use abrasives, scourers, acidic substances or detergents.
3. After wiping the parts of your stove with a soapy cloth, rinse, then dry thoroughly with a soft cloth.
4. Clean glass surfaces with special glass cleaning agents. Do not use abrasive cleaners or sharp metal scrapers when cleaning glass surfaces, as scratching and breaking of glass surfaces may result.
5. Do not clean the cooker with steam cleaners.
6. Never use flammable materials such as acid, thinner or gas when cleaning your hob.
7. Do not wash any cooker parts in the dishwasher.
8. Vinegar, lemon, salt, cola and similar acid and alkaline spills on your cooker should be cleaned quickly.
9. Over time, it may be difficult to turn the cooker buttons or turn them at all, in this case the buttons need to be replaced. Replacement must only be carried out by authorized service.

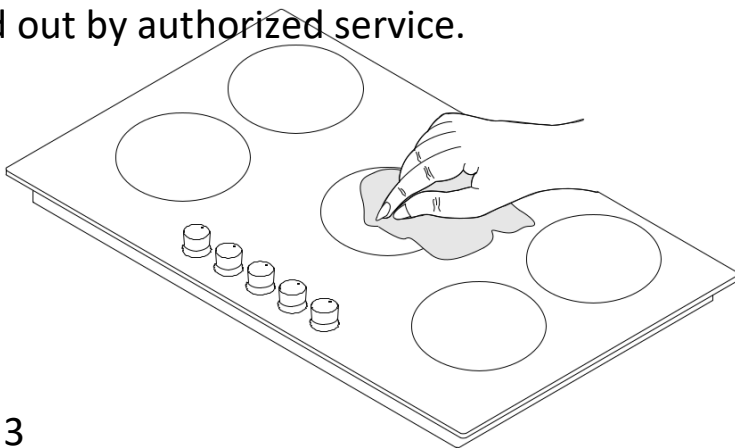


Figure 3