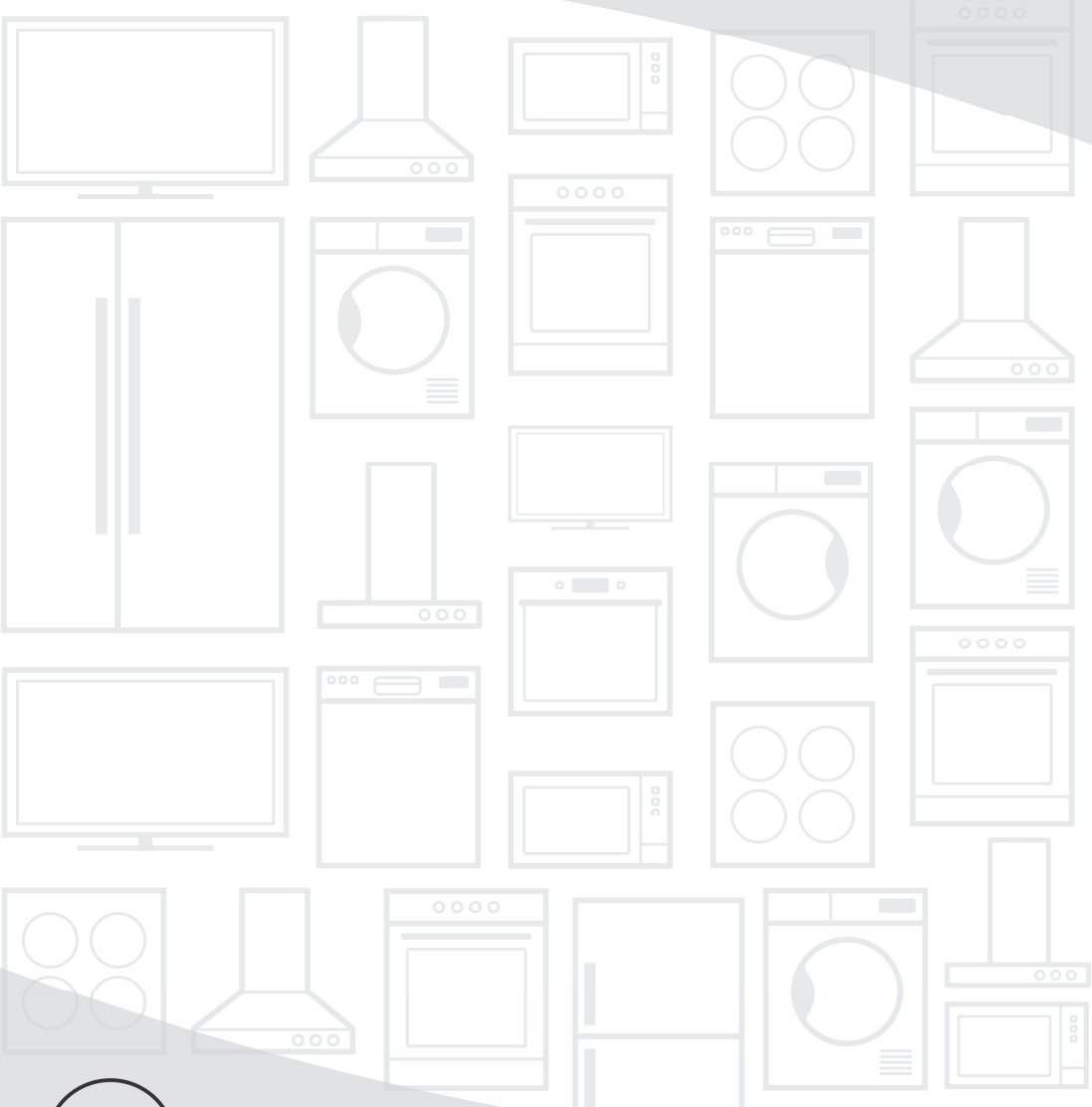


DHD406A
600 TC VITROCERAMIC HOB



Believe in better



Customer Care Line
(after sales service)

086 100 3339

Part number: 073516



Cooking
Instruction manual

- 3 Introduction
- 4 Important safety instruction
- 5 Electrical safety
- 6 Product safety
- 7 Prevention against possible fire risk
- 8 General information
- 9 Installation
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- 13 How to use the hob
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- 21 Maintenance and care
- 22 Troubleshooting
- 23 Branches
- 24 Warranty

Record in the space below the listed information for future reference. The serial number may be found on the label attached to the hob base.

SERIAL NUMBER.....

DATE OF PURCHASE.....

PURCHASED FROM.....

.....

Introduction

Congratulations on the purchase of this quality appliance. We trust that you will enjoy many years of trouble free use.

Please read these instructions carefully before using the appliance.

This book will provide you with information on how to operate and care for your appliance in order that you gain the maximum benefit from it.

Disposing of the old appliance

- Dispose of the old appliance in an environmentally friendly manner.
- Refer to your local dealer or solid waste collection centre in your area to learn how to dispose of your appliance. Before disposing of the appliance, cut off the power cable plug and make the door lock (if any) unusable to avoid dangerous conditions to children.

Important safety instructions

This section contains safety instructions that will help you avoid risk of injury and damage. All warranties will become void if you do not follow these instructions.

General safety

- This 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 the 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.
- Always keep children and infirm persons away from the appliance when it is in use.
- Do not carry out any repairs or modifications on the appliance.
- The appliance must be disconnected from the mains during installation, maintenance, cleaning and repair procedures.

Product safety instructions

- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates at high temperatures and may cause a fire since it can ignite when it comes into contact with hot surfaces.

- Do not use the appliance for heating closed tins and glass jars. The pressure that would build up in the tin/jar may cause it to burst.
- Do not place any flammable materials close to the appliance as the sides may become hot during use.
- Keep all ventilation slots clear of obstructions.
- The appliance may be hot when it is in use. Never touch the hot cooking zones.
- Make sure that the hob controls are switched off after every use.
- Use a deep pan, large enough to cover the appropriate cooking zone.
- Always dry food thoroughly before placing it in hot oil or fat. Frozen food in particular will spit and splatter if added too quickly.
- Never fill the pan more than one third full of fat or oil.
- Never heat fat or fry with a lid on the pan.
- Do not fry too much food at once. This lowers the temperature of the oil or fat and results in fatty foods.
- Do not leave hot fat or oil unattended. If overheating occurs, these could catch fire.



Danger of fire: Do not store items on the cooking surface. **CAUTION:** The cooking process has to be supervised. A short term cooking process has to be supervised continuously. **WARNING:** Unattended cooking on a hob with fat or oil can be dangerous and may result in a fire.

- Do not leave hot fat or oil unattended. If overheating occurs, these could catch fire.
- Do not use or store inflammable products (alcohol, petrol, benzene etc.) near the appliance as these pose a fire risk.
- Do not cover the hob or burners with aluminium foil.
- Switch off the power at the mains in the event of a fault or when cleaning the appliance.
- Only use clean pots with an even flat base to prevent cracking on glass due to hot spots.

If the product is handed over to someone else for personal use or second-hand use purposes, the user manual, product labels and other relevant documents and parts should be also given.

- Installation and repair procedures must always be performed by Authorized Service Agents. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised persons which may also void the warranty. Before installation, read the instructions carefully.
- Do not operate the product if it is defective or has any visible damage.
- Ensure that the product function knobs are switched off after every use.

• **Electrical safety**

If the product has a failure, it should not be operated unless it is repaired by an Authorised Service Agent. There is the risk of electric shock!

Only connect the product to a grounded outlet/line with the voltage and protection as specified in the “Technical specifications”. Have the grounding installation made by a qualified electrician while using the product with or without a transformer. Our company shall not be liable for any problems arising due to the product not being earthed in accordance with the local regulations.

Never wash the product by spreading or pouring water onto it! There is the risk of electric shock!

- The product must be disconnected during installation, maintenance, cleaning and repairing procedures.

If the power connection cable for the product is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Only use the connection cable specified in the “Technical specifications”.

The appliance must be installed so that it can be completely disconnected from the mains supply. The separation must be provided by a switch built into the fixed electrical installation, according to construction regulations.

- Any work on electrical equipment and systems should only be carried out by authorized and qualified persons.
- In case of any damage, switch off the product and disconnect it from the mains. To do this, turn off the fuse at home.
- Make sure that fuse rating is compatible with the product.

Product safety

- **WARNING:** The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children shall be kept away unless continuously supervised.
- Never use the product when your judgment or coordination is impaired by the use of alcohol and/or drugs.

Do not place any flammable materials close to the product as the sides may become hot during use.

- Keep all ventilation slots clear of obstructions.
- Do not use steam cleaners to clean the appliance as this may cause an electric shock.

WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket.

- **CAUTION:** The cooking process has to be supervised. A short term cooking process has to be supervised continuously.
- **WARNING:** Danger of fire: Do not store items on the cooking surfaces.
- **WARNING:** If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- In case of hotplate glass breakage: Immediately shut off all burners and any electrical heating element and isolate the appliance from the power supply. Do not touch the appliance surface. Do not use the appliance.
- The appliance is not intended to be operated by means of an external timer or separate remote-control system.
- Vapour pressure that build up due to the moisture on the hob surface or at the bottom of the pot can cause the pot to move. Therefore, make sure that the oven surface and bottom of the pots are always dry.

- **WARNING:** Use only hob guards designed by the manufacturer of the cooking appliance or indicated by the manufacturer of the appliance in the instructions for use as suitable or hob guards incorporated in the appliance. The use of inappropriate guards can cause accidents.

Prevention against possible fire risk!


- Ensure all electrical connections are secure and tight to prevent risk of arcing.
- Do not use damaged cables or extension cables.
- Ensure liquid or moisture is not accessible to the electrical connection point.

Intended use

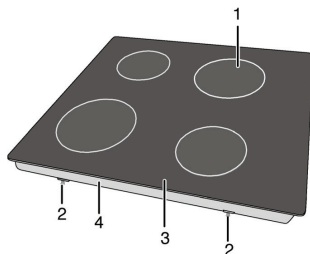
- This product is designed for domestic use. Commercial use will void the guarantee.
- **CAUTION:** This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating.
- The manufacturer shall not be liable for any damage caused by improper use or handling errors.

Safety for children

- **WARNING:** Accessible parts may become hot during use. Young children should be kept away.
- The packaging materials will be dangerous for children. Keep the packaging materials away from children. Please dispose of all parts of the packaging according to environmental standards.
- Electrical products are dangerous to children. Keep children away from the product when it is operating and do not allow them to play with the product.
- Do not place any items above the appliance that children may reach for.

	<p>Check the general appearance of your appliance for any damages that might have occurred during transportation.</p>
--	---

General information



- | | | | |
|---|------------------------------|---|------------------------|
| 1 | Single-circuit cooking plate | 3 | Vitroc ceramic surface |
| 2 | Assembly clamp | 4 | Base cover |

Technical specifications

Voltage / frequency	220-240 V ~ 50/60 Hz
Total power consumption	6000 W
Cable type / section	min.H05V2V2 5 x 1,5 mm ² / 3 x 2,5 mm ²
External dimensions (height / width / depth)	55 mm/650 mm/510 mm
Installation dimensions (width / depth)	560 mm/490 mm

Burners	
Front left	Single-zone cooking plate
Dimension	180 mm
Power	1800 W
Rear left	Single-zone cooking plate
Dimension	140 mm
Power	1200 W
Rear right	Single-zone cooking plate
Dimension	180 mm
Power	1800 W
Front right	Single-zone cooking plate
Dimension	140 mm
Power	1200 W



Technical specifications may be changed without prior notice to improve the quality of the product.






Values stated on the product labels or in the documentation accompanying it are obtained in laboratory conditions in accordance with relevant standards. Depending on operational and environmental conditions of the product, these values may vary.



Figures in this manual are schematic and may not exactly match your product.

Installation

Product must be installed by a qualified person in accordance with the regulations in force. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorized persons which may also void the warranty.

	Preparation of location and electrical installation for the product is under customer's responsibility.
	The product must be installed in accordance with all local electrical regulations.
	Prior to installation, visually check if the product has any defects on it. If so, do not have it installed. Damaged products cause risks for your safety.

Unpacking

- Please ensure that packaging material is disposed of in a responsible manner.
- Plastic bags should be cut up to prevent children playing with them and accidentally suffocating.
- Some models feature a protective film over stainless steel trim. This film must be carefully removed before using the hob.
- If the appliance is damaged in any way, do not use it. Report the damage to your dealer.

Before installation

The hob is designed for installation into commercially available work tops. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

It can also be used in a free standing position. Allow a minimum distance of 750 mm above the hob surface.

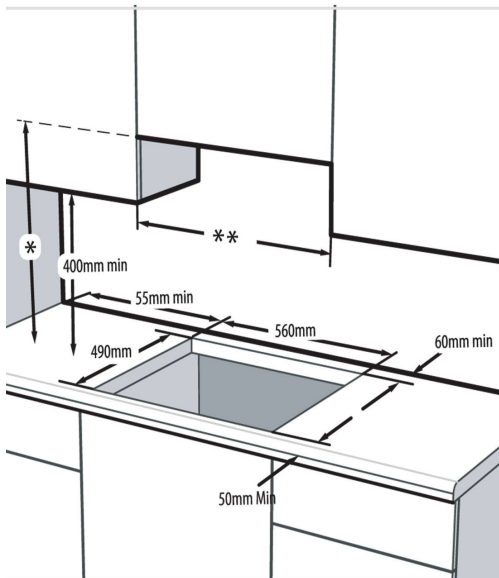
(*) If a cooker hood is to be installed above the cooker, refer to cooker hood manufacturer' instructions regarding installation height. If not defined any size in the hood manual, this height should be at least 650 mm.

Remove packaging materials and transport locks.

Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).

The worktop must be aligned and fixed horizontally.

Cut aperture for the hob in worktop as per installation dimensions.




*Minimum height to extractor as recommend in hood instruction manual. If not recommended in the hood instruction manual, this height should be at least 650 mm.

**Minimum distance between cabinetry must be equal to width of hob

Installation and connection

- The product must be installed in accordance with all local gas and electrical regulations.

	Do not install the hob on places with sharp edges or corners. There is the risk of breakage to the glass ceramic surface!
--	--


Electrical connection


Connect the product to a grounded outlet/line protected by a miniature circuit breaker of suitable capacity as stated in the "Technical specifications" table. Have the grounding installation made by a qualified electrician while using the product with or without a transformer.

Our company shall not be liable for any damages that will arise due to using the product without a grounding installation in accordance with the local regulations.


Earth leakage

This hob should not be connected through an earth leakage system. Refer to S.A.N.S. 10142

	The product must be connected to the mains supply only by an authorised and qualified person. The product's warranty period starts only after correct installation. Manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorised persons.
--	---

	The power cable must not be clamped, bent or trapped or come into contact with hot parts of the product. A damaged power cable must be replaced by a qualified electrician. Otherwise, there is risk of electric shock, short circuit or fire!
--	--

- Connection must comply with national regulations.
- The mains supply data must correspond to the data specified on the type label of the product. Type label is at the rear housing of the product.
- Power cable of your product must comply with the values in "Technical specifications" table.

	Before starting any work on the electrical installation, disconnect the product from the mains supply. There is the risk of electric shock!
--	---


Connecting the power cable

While performing the wiring, you must apply with the national/local electrical regulations and must use the appropriate socket outlet/line and plug for oven.

In case of the product's power limits are out of current carrying capability of plug and socket outlet/line, the product must be connected through fixed electrical installation directly without using plug and socket outlet/line.

1. **If a power cable is not supplied together with your product**, a power cable with a minimum requirement as stated in the Technical specifications table (*Technical specifications, page*) in accordance with the electrical installation at your home must be connected to your product by following the instructions in the cable diagram.

If it is not possible to disconnect all poles in the supply power, a disconnection unit with at least 3 mm contact clearance (fuses, line safety switches, contactors) must be connected and all the poles of this disconnection unit must be adjacent to (not above) the product in accordance with IEE directives. Failure to obey this instruction may cause operational problems and invalidate the product warranty.

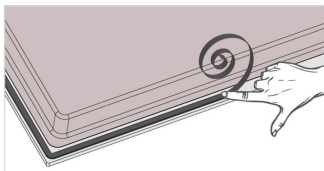
	Additional protection by a residual current circuit breaker is recommended.
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2. Open the terminal block cover with a screwdriver.
3. Insert the power cable through the cable clamp below the terminal and secure it to the main body with the integrated screw on cable clamping component.
4. Connect the cables according to the supplied diagram.
5. After completing the wire connections, close the terminal block cover.
6. Route the power cable so that it will not come into contact with the product and get squeezed between the product and the wall.

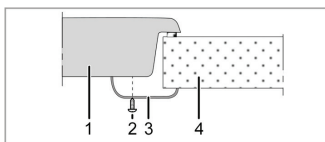
i Power cable must not be longer than 2 m because of safety reasons.

Installing the product

1. Turning the hob upside down, place it on a flat surface.
2. When installing the hob, apply the sealing gasket, which was provided in the packaging, around the hob as shown in the following picture, ensuring that it remains 1 to 2 mm inside from the outer edge of the glass.



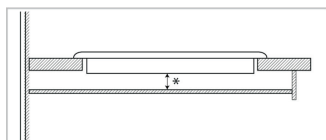
3. Place the hob on the counter and align it.
4. Using the installation clamps secure the hob by fitting through the holes on the lower casing.



- 1 Hob
- 2 Screw
- 3 Installation clamp
- 4 Counter

i When installing the hob onto a cabinet, a shelf must be installed in order to separate the cabinet from the hob as illustrated in the above figure. This is not required when installing onto a built-under oven.

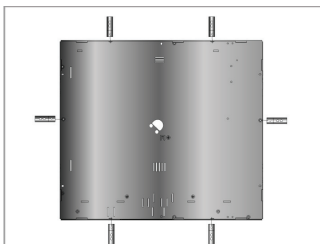
For example, if it is possible to touch the bottom of the product since it is installed onto a drawer, this section must be covered with a wooden plate.



* min. 15 mm

Rear view (connection holes)

i Location of the connection holes shown in the below figure are schematic, may vary depending on the product model. Fix them according to connection holes on your product.



! Making connections to different holes is not a good practice in terms of safety since it can damage the gas and electrical system.

! There are gas and electrical components contained within this hob, therefore when fitting the mounting springs/clamps only attach the supplied fixings to the connection holes shown in this manual. Failure to observe this advice may lead to life and property safety

Final check

1. Operate the product.
2. Check the functions.

Future Transportation

- Keep the product's original carton and transport the product in it. Follow the instructions on the carton. If you do not have the original carton, pack the product in bubble wrap or thick cardboard and tape it securely.

i Check the general appearance of your product for any damages that might have occurred during transportation.

Preparation


Tips for saving energy

The following information will help you to use your appliance in an ecological way, and to save energy:

- Defrost frozen dishes before cooking them.
- Use pots/pans with cover for cooking. If there is no cover, energy consumption may increase 4 times.
- Select the burner which is suitable for the bottom size of the pot to be used. Always select the correct pot size for your dishes. Larger pots require more energy.
- Pay attention to use flat bottom pots when cooking with electric hobs. Pots with thick bottom will provide a better heat conduction. You can obtain energy savings up to 1/3.
- Vessels and pots must be compatible with the cooking zones. Bottom of the vessels or pots must not be smaller than the hotplate.
- Keep the cooking zones and bottom of the pots clean. Dirt will decrease the heat conduction between the cooking zone and bottom of the pot.
- For long cookings, turn off the cooking zone 5 or 10 minutes before the end of cooking time. You can obtain energy savings up to 20% by using the residual heat.

Initial use


First cleaning of the appliance

	<p>The surface might get damaged by some detergents or cleaning materials.</p> <p>Do not use aggressive detergents, cleaning powders/creams or any sharp objects during cleaning. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.</p>
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1. Remove all packaging materials.
2. Wipe the surfaces of the appliance with a damp cloth or sponge and dry with a cloth.

How to use the hob

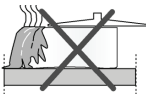
General information about cooking

	<p>Never fill the pan with oil more than one third of it. Do not leave the hob unattended when heating oil. Overheated oils bring risk of fire. Never attempt to extinguish a possible fire with water! When oil catches fire, cover it with a fire blanket or damp cloth. Turn off the hob if it is safe to do so and call the fire department.</p>
---	---

- Before frying foods, always dry them well and gently place into the hot oil. Ensure complete thawing of frozen foods before frying.
- Do not cover the vessel you use when heating oil.
- Place the pans and saucepans in a manner so that their handles are not over the hob to prevent heating of the handles. Do not place unbalanced and easily tilting vessels on the hob.
- Do not place empty vessels and saucepans on cooking zones that are switched on. They might get damaged.
- Operating a cooking zone without a vessel or saucepan on it will cause damage to the product. Turn off the cooking zones after the cooking is complete.
- As the surface of the product can be hot, do not put plastic and aluminum vessels on it. Clean any melted such materials on the surface immediately. Such vessels should not be used to keep foods either.
- Use flat bottomed saucepans or vessels only.
- Put appropriate amount of food in saucepans and pans. Thus, you will not have to make any unnecessary cleaning by preventing the dishes from overflowing. Do not put covers of saucepans or pans on cooking zones. Place the saucepans in a manner so that they are centered on the cooking zone. When you want to move the saucepan onto another cooking zone, lift and place it onto the cooking zone you want instead of sliding it.

Tips about glass ceramic hobs

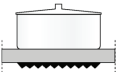
- Glass ceramic surface is heatproof and is not affected by big temperature differences.
- Do not use the glass ceramic surface as a place of storage or as a cutting board.
- Use only the saucepans and pans with machined bottoms. Sharp edges create scratches on the surface.
- Do not use aluminum vessels and saucepans. Aluminum damages the glass ceramic surface.



Spills may damage the glass ceramic surface and cause fire.



Do not use vessels with concave or convex bottoms.



Use only the saucepans and pans with flat bottoms. They ensure easier heat transfer.



If the diameter of the saucepan is too small, energy will be wasted.

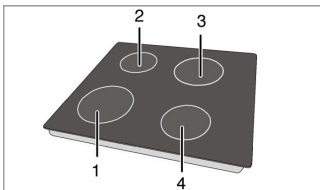


Do not allow any object to drop on the hob. Even small objects such as a saltshaker may damage the hob. Do not use cracked hobs. Water may leak through these cracks and cause short circuit. In case of any kind of damage on the surface (eg., visible cracks), switch off the product immediately to minimize the risk of electric shock.



Quick heating glass-ceramic hobs emit a bright light when they are switched on. Do not stare at the bright light.

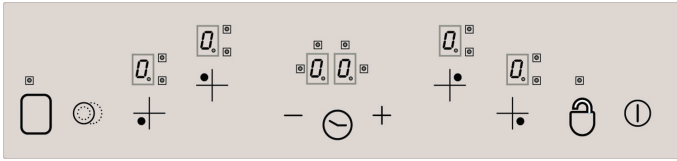
Using the hobs

















- 1 Single-Zone cooking plate 18-20 cm
- 2 Single-Zone cooking plate 14-16 cm
- 3 Single-Zone cooking plate 18-20 cm
- 4 Single-Zone cooking plate 14-16 cm is list of advised diameter of pots to be used on related burners.


Controls


Control panel



Specifications

-  Main key - ON/OFF key
-  Keylock
-  Temperature setting/Increasing timer
-  Temperature setting/Decreasing timer
-  ** Dual/Triple cooking zone selection key
-  * Enable/disable timer
-  ** Enable/disable cooking zone
-  Cooking zone selection controls
-  Cooking zone selection controls
-  Cooking zone selection controls
-  Cooking zone selection controls
-  Cooking zone display (temperature setting 0 ... 9)
-  Dual/triple cooking zone operation LED (Cooking zone display)
-  * Timer display (there are 4 LEDs for 4 different cooking zones)

 This unit is controlled over the touch control unit. Each operation you make on your touch control will be confirmed by an audible signal if your touch control unit is equipped with a timer.

 Always keep the control panels clean and dry. Humidity and dirt can cause problems in functions.



(*) If your hob is equipped with a timer.

**




If your hob is equipped with these functions



In models with a clock



 Graphics and figures are for informational purposes only. Actual appearance or functions may vary.

Turning on the hob

Touch the "⏻" key on control panel for 1 second. Cooking zone displays illuminate. The hob is ready for use now. You can select different cooking zones within the following 10 seconds. Other controls are not allowed to function when main key "⏻" is being operated.

"Q" and all the relevant decimal points will flash in all cooking zone displays.

If no operation is performed within 10 seconds, the hob will automatically return to Standby mode.

If you press main key "⏻" for longer than 2 seconds, the hob will turn off and return to Standby mode.



Selecting the cooking zones

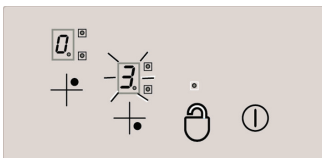
1. Turn on the hob.
2. Touch one of the cooking zone selection controls to turn on the desired cooking zone. After selecting the cooking zone of the hob, "0" decimal point will flash on the relevant cooking zone display.

If no operation is performed within 10 seconds, the hob will automatically return to Standby mode.

3. Touch "+" or "-" keys to set the temperature level to a value between "1" and "9" or between "9" and "1".

"+" and "-" keys are equipped with repeat function. If you touch any of these keys for a long time, temperature level will continuously increase or decrease at every 0,4 seconds.

If you start with "+" key, "1" appears on display. If you start with "-" key, set value appears on display (e.g., half second "A" and half second "9"). This indicates that Booster is activated.



When your hob gets overheated;

- If the active cooking zones are set to a higher than the 7th level, hob reduces the level of active cooking zones to level 7 and the cooking zones can not be selected higher than this level.
- If overheating persists; if the active cooking zones are set to a higher than the 5th level, hob reduces the level of active cooking zones to level 5 and the cooking zones can not be selected higher than this level.

If hob temperature rises excessively, it can turn itself off for protection and the cooking zones can not be operated.

Booster

This function facilitates cooking. When Booster is activated, the cooking will operate at maximum power for a certain period of time (see, Table-1). Booster time depends on the selected temperature level. This is indicated with an "A" and the set temperature value which flash alternately on cooking zone display (e.g., half second "A", half second "9") Once the Booster time is over, power of cooking zone will be reduced and the temperature value will be displayed continuously.

All cooking zones are equipped with Booster function.

Enabling the Booster function:

1. Turn on the hob.
2. Select the desired cooking zone by touching the cooking zone selection keys.
3. Use "-" key to set the cooking zone temperature value to "9". Once the temperature setting is made, "9" and "A" will appear on the display alternately. This indicates that temperature value is set to "9" and Booster function is activated.



If your hob gets overheated, booster function cannot be set for protection.

4. Then, use "-" key within 10 seconds to select the temperature setting you want to be activated for the remainder of cooking process after the Booster time is over.
Use "+" or "-" keys to set the cooking zone to a value between "1" or "9" (it is supposed that level 6 is selected for the example).
5. "A" and "6" appears alternately on the display during Booster function (at the end of Booster period, "6" will be displayed continuously).

Then, "🔒" LED will flash and all cooking zones will be locked.

Cooking zones, can only be locked in the operation mode. If the cooking zones are locked: only the main key "🔒" can be

operated. "🔒" LED will flash and indicate a key lock module. If you turn the hob off when the keys are locked, the keylock will be activated next time you turn the hob on again. Key lock must be deactivated in order to be able to operate the hob.



"🔒" key will allow you to lock or unlock the touch control in operation mode.

Touch "🔒" key for 2 seconds to unlock the cooking zones. Operation will be confirmed with an audible signal.

Then, "🔒" LED turns off. Now the touch control is unlocked and can be operated normally.

Child Lock

You can protect the hob against being operated unintentionally in order to prevent children from turning on the cooking zone. Child Lock function contains a few complex steps to lock the touch control unit. Child Lock can only be activated and deactivated in Standby mode.

Locking the module:

1. Touch main key "🔒" to turn on the hob.
2. Touch "+" and "-" keys simultaneously for at least 2 seconds.
3. Then, touch "+" key once again.

» Child Lock function is activated and "🔒" appears on all cooking zone displays.

Disabling the Child Lock:

You can disable the child lock as you have activated it.

1. Touch main key "🔒" to turn on the hob.
2. Touch "+" and "-" keys simultaneously for at least 2 seconds.
3. Then, touch "-" key once again.

» "🔒" appears on all cooking zone displays as long as the Child lock is activated. "🔒" will disappear when the lock is deactivated successfully.

Timer function * (in models with clock)

This feature facilitates cooking for you. You will not have to attend the hob continuously during the cooking process and the cooking zone will turn off automatically at the end of the time you have selected.

Timer provides following features: Touch control can command to maximum 4 cooking zone timers and one alarm cooking timer assigned at the same time. All timers can only be used in operation mode.

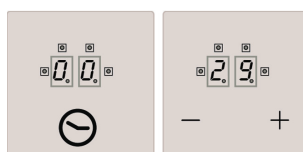
Timer as an alarm

Alarm timer operates independently from other cooking zones. Therefore, it is not important whether a cooking zone is selected or not.

1. Touch "🕒" key to enable the alarm timer.

"00" and "🕒" will appear on the timer display and a dot will appear on the lower right side. Thus, alarm timer is activated.

2. Then, set the desired time value by touching "+" and "-" keys.
3. Timer will start to countdown after you have made the time setting..



» When the time is over, an audible alarm will sound. Touch any key on the touch control panel to silence the audible alarm.

Cooking zone timer:

The cooking zone timers can only be set for the cooking zones that are activated.

1. First turn on the hob and then enable the desired cooking zone. (cooking zone must be set to a value between 1 and 9)
2. As in the alarm timer, enable the cooking zone timer by touching "⊖" key. "00" and "🕒" will appear on the timer display and a dot will appear on the lower right side. Thus, cooking zone timer is activated.
3. You must touch "⊖" key for a second time in order to enable cooking zone timer. Now you can assign the timer.
4. Set the desired time value by touching "+" and "-" keys.

To set the hob timers:

1. After enabling the first cooking zone timer, touch the "⊖" key again. The control will turn clockwise towards the next active cooking zone assigned to the timer. Assignment proposal will be shown with a flashing "🕒" LED.
2. Set the desired time value by touching "+" and "-" keys.
3. Timer activated for the cooking zone which was set first is indicated with a continuously flashing "🕒" LED.
- More timers can be assigned for other active cooking zones by touching the "⊖" key once again.

"🕒" LEDs that illuminate continuously on the timer display indicate the timer that is currently counting down.

You can display the values set for cooking zone timers and egg timer by changing the position of "⊖" key. A flashing front right "🕒" LED always shows an assignment.

If no LED is flashing, value of the egg timer will be displayed on the timer screen.

Disabling the timers:

First you must display the timer by changing the position of the "⊖" key until the timer appears. This value can later be cancelled in 2 different ways:

By decreasing the value step by step to "00" by touching "-" key.

By touching "+" and "-" keys simultaneously for half second until "00" appears on timer display.

When the time is over, an audible alarm will sound. Touch any key on the touch control panel to silence the audible alarm.

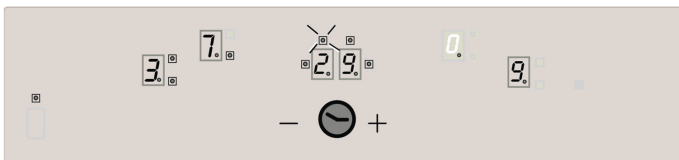
Display the remaining time value of the cooking zone timer 3 (indicator LED flashes) to the timer display (the indicator LEDs of the active timers of the cooking zones 1 and 4 in fact will not be visible on the timer display).

Keep warm function (if any)

Keep Warm function of the cooking zone helps to keep the food warm by selecting an additional temperature level between 0 and

1. Touch "🗄" key to activate the Keep Warm function.

Then, "🗄" LED flashes. Touch "🗄" key again to disable the cooking zone.



Operation time constraints

The hob control is equipped with an operation time limit. When one or more cooking zones are left on unintentionally, the cooking zone will automatically be deactivated after a certain period of time. (see, Table-1).


Operation time limit depends on the selected temperature setting. If there is a timer assigned for the cooking zone, "00" appears on the timer display for 10 seconds (10 seconds later, residual heat indicator turns on). Then, timer display is turned off. After disabling the cooking zone automatically as described above, it becomes operational again and maximum operation time is applied for this temperature setting.

Table-1: Temperature setting parameters; Cycle time 47.0 seconds.

Temp setting	OFF time - seconds	ON time - seconds	Operation time limit - hour	Booster time - seconds
0	0	0	0	-
1	45,6	1,4	6	60
2	43,6	3,4	6	180
3	41,3	5,7	5	288
4	38,4	8,6	5	390
5	35,9	11,1	4	510
6	33,1	13,9	1,5	150
7	26,2	20,8	1,5	210
8	19,2	27,8	1,5	270
9	0	47,0	1,5	-

Residual Heat Functions

For a deactivated cooking zone whose surface temperature is sensed to be above 60°C or whose display indicates a value

above 60°C, a "" (residual heat) symbol appears on the display. When residual heat falls below 60°C, "0" appears on the display.

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When power restores after a power failure or your Hob is switched off if the residual heat of the relevant cooking zone was above 60°C before the failure, residual heat display flashes. Display continues to flash until the maximum residual heat time is over or the cooking zone is selected and enabled

Sample application: Following lightning conditions will allow a smooth calibration:

Illumination with a bulb without a reflector (100W, dull) 70 cm above the glass ceramic hob. After a successful calibration, it is warranted that the hob will operate as intended even under a strong illumination such as halogen spot lamp with reflector (50 W).

If an error occurs, calibration is repeated until the ambient conditions allow for a successful calibration. Hob control system can only be operated when the calibration of all sensors are successful.

You must remove all substances on the hob during calibration. Also the ambient illumination should not be too strong during calibration. If one of the F1, F2 or F4 messages is obtained, user must turn off all light sources or close the window during the calibration process at first connection to the supply power. When the calibration is completed successfully, control system can tolerate high amount of ambient light. Hob control system adopts and recalibrates itself according to the changes in ambient conditions while it is in use.

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Touch control has a sensor that protects against overheating. The cooking zone will be deactivated when reacting to the sensor. For more information about error messages refer to table. If a key is activated repeatedly (more than 10 s), control system is deactivated and audio signal is given.

Maintenance and care

General cleaning information

▲ General warnings

- Wait for the product to cool before cleaning the product. Hot surfaces may cause burns!
- Do not apply the detergents directly on the hot surfaces. This may cause a permanent stain.
- The appliance shall be thoroughly cleaned and dried after each operation. Thus, food residues shall be easily cleaned and these residues shall be prevented from burning when the appliance is used again later. Thus, the service life of the appliance extends and frequently faced problems are decreased.
- Do not use steam cleaning products for cleaning.
- Some detergents or cleaning agents may damage the surface. Do not use abrasive detergents, cleaning powders, cleaning creams, descalers or sharp objects during cleaning.
- There is no need for a special cleaning agent for cleaning after each use. Clean the appliance using dish soap, warm water and a soft cloth or sponge and dry with a dry microfiber cloth.
- Be sure to completely wipe off any remaining liquid after cleaning and immediately clean any food splashing around during cooking.
- Do not wash any component of your appliance in a dishwasher.

For the hob:

- Acidic dirt such as milk, tomato paste and oil may cause permanent stains on the cookers and components of the burners, clean any overflow fluids immediately after cooling down the cooker by turning it off.

Inox and stainless surfaces

- Do not use acid or chlorine-containing cleaning agents to clean stainless or inox surfaces and handles.
- Stainless or inox surface may change colour in time. This is normal. After each operation, clean with a detergent suitable for the stainless or inox surface.

- Clean with a soft soapy cloth and liquid (non-scratching) detergent suitable for inox surfaces, taking care to wipe in one direction.
- Remove lime, oil, starch, milk and protein stains on the inox-stainless and glass surfaces immediately without waiting. Stains may rust under long periods of time.

Glass surfaces

- When cleaning glass surfaces, do not use hard metal scrapers and abrasive cleaning materials. They can damage the glass surface.
- Clean the appliance using dishwashing detergent, warm water and a microfiber cloth specific for glass surfaces and dry it with a dry microfiber cloth.
- If there is residual detergent after cleaning, wipe it with cold water and dry with a clean and dry microfiber cloth. Residual detergent residue may damage the glass surface next time.
- Under no circumstances should the dried-up residue on the glass surface be cleaned off with serrated knives, wire wool or similar scratching tools.
- You can remove the calcium stains (yellow stains) on the glass surface with the commercially available descaling agent, with a descaling agent such as vinegar or lemon juice.
- If the surface is heavily soiled, apply the cleaning agent on the stain with a sponge and wait a long time for it to work properly. Then clean the glass surface with a wet cloth.
- Discolorations and stains on the glass surface are normal and not defects.

Plastic parts and painted surfaces

- Clean plastic parts and painted surfaces using dishwashing detergent, warm water and a soft cloth or sponge and dry them with a dry cloth.
- Do not use hard metal scrapers and abrasive cleaners. It may damage the surfaces.
- Ensure that the joints of the components of the appliance are not left as damp and with detergent. Otherwise, corrosion may occur on these joints.

Troubleshooting

Product emits metal noises while heating and cooling.

- When the metal parts are heated, they may expand and cause noise. >>> *This is not a fault.*

Product does not operate.

- The mains fuse is defective or has tripped. >>> *Check fuses in the fuse box. If necessary, replace or reset them.*
- Product is not plugged into the (grounded) socket. >>> *Check the plug connection.*
- If the display does not light up when you switch the hob on again. >>> *Disconnect the appliance at the circuit breaker. Wait 20 seconds and then reconnect it.*

i	Consult the Authorised Service Agent or technician with licence or the dealer where you have purchased the product if you can not remedy the trouble although you have implemented the instructions in this section. Never attempt to repair a defective product yourself.
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Cleaning the hob

Glass cooking surface

Follow the cleaning steps described for the glass surfaces in the "General cleaning information" section for the cleaning of glass cooking surface. You may complete your cleaning as per the information below for special cases.

- Sugar-based foods such as dark cream, starch and syrup should be cleaned immediately, without waiting for the surface to cool. Otherwise, the glass cooking surface may be permanently damaged.
- Do not use cleaning agents for cleaning operations you perform while the hob is hot, otherwise permanent stains may occur.

Sensor Calibration and Error Messages

When the supply power is applied, hob control system performs calibration depending on the sensor, glass and ambient conditions.

Do not cover the glass part of the sensor with anything during calibration. Hob control system should also not be exposed to strong light sources such as sun light, strong halogen lamps and etc.

Table: Error codes and error sources

Error Code	Description	Recommended Action
AF10	Communication error with Touch Processor.	Call a service center.
AF20	Error on touch keys.	Call a service center.
AF30	Faulty relays.	Call a service center.
F-F-F-F	Pressing the same sensor for more than 12 seconds.	Wait for 10 seconds then press the button again. If error continues call a service center.
t-t-t-t	Touch control overheated	Wait for the unit to cool down and restart hob. If error continues call a service center.

Branches

If you have followed the instructions and still have a problem, contact the customer care line on 086 100 3339. They will be able to advise you on any aspect of the appliance.

South African Branches:

BLOEMFONTEIN

Unit Number 5
Monument Business Park
50 Monument Road
Oranjesig
Bloemfontein
Bloemfontein.Service@defy.co.za

CAPE TOWN

5A Marconi Rd. Montague Gardens, 7441
CapeTown.Service@defy.co.za

DURBAN

135 Teakwood Road, Jacobs,
Durban, 4052
Durban.Service@defy.co.za

EAST LONDON

Robbie de Lange Road, Wilsonia,
East London, 5201
EastLondon.Service@defy.co.za

GAUTENG, MIDRAND

127 15th Road, Cnr Pharmaceutical & 15th Rd,
Midrand, Gauteng
Gauteng.Service@defy.co.za

POLOKWANE

87 Nelson Mandela Drive, Superbia 0699
Polokwane.Service@defy.co.za

PORT ELIZABETH

112 Patterson Road, North End, Port Elizabeth
6001
PortElizabeth.Service@defy.co.za

Sub-Saharan Africa Branches:

ZAMBIA: SOUTHGATE INVESTMENTS LTD

Plot 1606, Sheki Sheki Road
P.O. Box 33681
Lusaka, 10101, Zambia
Tel: +260 0211 242332/3
Fax: +260 0211 242933
sgiservicecentre@microlink.zm

NAMIBIA: ATLANTIC DISTRIBUTORS (PTY) LTD

10 Tienie Louw Street, Northern Industrial Area
P.O. Box 21158, Windhoek, Namibia
Tel: (061) 216162
Fax: (061) 216134
atlantic@mweb.com.na

ZIMBABWE: TRADECOMAFRICA

Trade Com Africa, 183 Loreley Crescent
Msasa, Harare, Zimbabwe
Tel: +263 4 486165/6
Cell: +263 772 469010
Cell: +263 772 469011

BOTSWANA: RAY MORGAN AGENCIES

RMA Service Centre, Plot 48, East Gate
Gaborone International Commerce Park
Kgale View, Gaborone
Botswana
Tel: +267 390 3996 / 390 3912
Fax: +267 318 7376
Cell: +267 7134 6539
service@rma.co.bw; raja@rma.co.bw

SWAZILAND: LYNDS DISTRIBUTORS

P.O Box 716, Mbabane, Swaziland, H100
Tel: (00268) 2515 4310/8
Fax: (00268) 2518 4318

MOZAMBIQUE: COOL WORLD. LDA

Rua da Resistencia No. 97B R/C
Cell: +258 84 44 61 234
coolworldlda@hotmail.com
Nosso Show Room
Av: da Industrias, Parcela No.735 * 735A
Machava, Maputo

Warranty

This certificate is issued by DEFY APPLIANCES (PTY) LTD manufacturers of Defy and Ocean products, hereinafter the Company, to the original purchaser only, of the appliance described on the certificate and shall constitute the only warranty given in respect of this appliance.

The Company warrants to the original purchaser that for a period of TWO YEARS from date of purchase the appliance is free from defect under normal domestic use, both in workmanship and material, subject to the following conditions.

1. Repair or replacement of any part of this appliance, found by the Company to be defective, shall be at the election of the Company. The Company reserves the right to effect such service through any of its Service Divisions or Authorised Service Dealers. The cost of such service shall be borne by the Company in full, provided that the appliance is located no further than 50 km from a Company Service Centre or an Authorised Service Dealer. Where the appliance is located beyond the 50 km radius, the purchaser shall be liable for the standard travelling charges, as determined by the Company.
CARRY IN SERVICE Microwave ovens, Compact cookers and small appliances are repaired in our service centres and are not collected from the customers home. Faulty units should be delivered to the purchasing dealer or to the nearest Company Service Centre for warranty repairs.
2. Rusted or corroded plates, vitreous enamelware, fuses and lamps are specifically excluded from these warranties. It is an express condition of these warranties that the purchaser takes due care and attention in the use and maintenance of the appliance. Abuse, misuse in conflict with operating instructions, connection to incorrect voltages and subjection to commercial use shall release the Company from its obligations.
3. This warranty shall become void and cease to operate if the appliance is dismantled by, or any repairs to the appliance are effected by any persons not duly authorised by the Company, or if substitute parts not approved by the Company are used in the appliance, or if the serial number of the appliance is removed.
4. The Company shall not be responsible for damages resulting from fire, flood, civil disturbances or any Act of God. The Company shall not, in terms of these warranties be responsible nor held liable for any consequential loss or damage of any kind caused by or due to the failure or malfunction of the appliance. The Company shall not be responsible for damages caused by insect and/or animal infestation.
5. The Company shall not be responsible for transportation or other costs other than those incurred within the provisions of Point 1 of this Certificate.
6. **For warranties in the Republic of South Africa and Sub-Saharan Africa, please contact the customer care line. Please refer to the previous page for respective South African branches and Sub-Saharan Africa branches.**
7. Where service is requested under warranty and no fault or defect can be found by the Company, all costs incurred will be for the purchaser's account.
8. This Certificate as well as your invoice will serve as proof of purchase. For the purpose of warranty, it will be essential to produce this Certificate and invoice. Failure to do so, will render the purchaser liable for service costs.

KEEP THIS CERTIFICATE AND SALES INVOICE AS PROOF OF PURCHASE FOR WARRANTY PURPOSES.