

User manual

Dishwasher



ZDF 511

Thank you for selecting our appliance

We wish you lots of enjoyment with your new appliance and we hope that you will consider our brand again when purchasing household appliances.

Please read this user manual carefully and keep it throughout the product life cycle as a reference document. The user manual should be passed on to any future owner of the appliance.

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Safety information

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety.

Correct use

- This dishwasher is only intended for washing household utensils suitable for machine washing.
- Do not put any solvents in the dishwasher. This could cause an explosion.
- Knives and other items with sharp points must be loaded in the cutlery basket with their points down or placed in a horizontal position in the upper basket.
- Only use products (detergent, salt and rinse aid) suitable for dishwashers.
- Avoid opening the door whilst the appliance is in operation, hot steam may escape.
- Do not take any dishes out of the dishwasher before the end of the dishwashing cycle.
- After use, isolate the appliance from the power supply and turn off the water supply.
- This product should be serviced only by an authorised service engineer, and only genuine spare parts should be used.

- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons will cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts.

General safety

- Dishwasher detergents can cause chemical burns to eyes, mouth and throat. Could endanger life! Comply with the safety instructions of the dishwasher detergent manufacturer.
- The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine.
- Ensure that the door of the dishwasher is always closed when it is not being loaded or unloaded. In this way you will avoid anybody tripping over the open door and hurting themselves.
- Do not sit or stand on the open door.

Child safety

- This appliance is designed to be operated by adults. Don't allow children to use the dishwasher unsupervised.
- Keep all packaging well away from children. There is risk of suffocation.
- Keep all detergents in a safe place out of children's reach.
- Keep children well away from the dishwasher when the door is open.

Installation

- Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged contact your supplier.
- All packaging must be removed before use.
- Any electrical and plumbing work required to install this appliance must be carried out by a qualified and competent person.
- For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way.
- Never use the dishwasher if the electrical supply cable and water hoses are damaged;

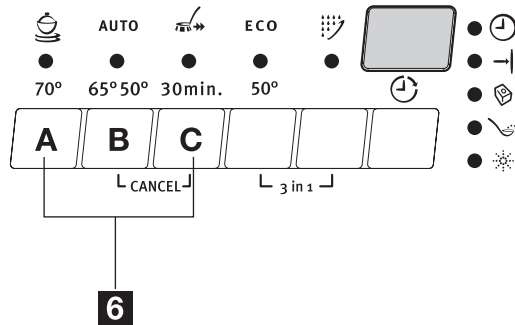
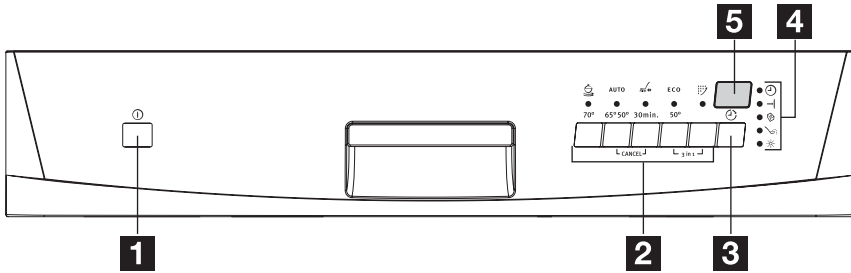
or if the control panel, work top or plinth area are damaged such that the inside of the appliance is freely accessible. Contact your local Service Force centre, in order to avoid hazard.

- All sides of the dishwasher must never be drilled to prevent damage to hydraulic and electric components.

CAUTION!

For electrical and water connection carefully follow the instructions given in specific paragraphs.

Control panel



- 1** On/Off button
- 2** Programme selection buttons
- 3** Delay start button
- 4** Indicator lights
- 5** Digital display
- 6** Function buttons

Setting mode

IMPORTANT!

Always remember that when performing operations as:

- selecting a washing programme,
- setting the water softener,

- activating/deactivating the rinse aid dispenser

the appliance **MUST** be in setting mode:

- Press On/Off button, ALL programme selection button lights are illuminated = appliance in setting mode.
- Press On/Off button, ONLY a programme button light is illuminated = last performed programme still set.

In this case the programme has to be cancelled (see instructions "Cancel a washing programme in progress").

Function buttons	In addition to the dishwashing programme selection, the following functions can also be set with the help of these buttons. <ul style="list-style-type: none">– the setting of the water softener,– the cancelling of a programme in progress.– the activation/deactivation of the rinse aid dispenser
Digital display	In the digital display is indicated: <ul style="list-style-type: none">– the level of hardness to which the water softener is set,– the approximate remaining time of the running programme,– activation/deactivation of the rinse aid dispenser,– the end of the programme (a zero is visible),– the countdown of the delay start,– fault codes concerning malfunction of the appliance.

IMPORTANT!

Select the washing programme and the delay start with the door slightly opened. The start of the programme or the countdown of the delay

start will occur only after the closure of the door. Until that moment it is possible to modify the set made.

Programme selection buttons

- **Starting the washing programme:**

1. Press the On/Off button.
2. Press the button corresponding to the required programme, the corresponding light remains illuminated while the other programme lights turn off. In the digital display will appear, flashing, the running time of the programme (in minutes).
3. The programme in progress light illuminates.
4. Close the dishwasher's door, the programme will start automatically. In the digital display the running time of the programme is no longer flashing and the programme in progress light remains illuminated.

IMPORTANT!

Once the programme has started, if you want to change the selection made you must cancel the washing programme in progress.

- **Cancel the washing programme in progress:**

1. Press and hold simultaneously function buttons B and C until ALL programme button lights will illuminate.
2. Release function buttons B and C.
3. Switch off the machine by pressing the On/Off button or select a new washing programme (check that there is detergent in the detergent dispenser).

Delay start button

This option allows the start of the programme to be delayed from 1 to 19 hours. After having selected the washing programme press the delay start button until the flashing number of the hours for the delay start will appear in the digital display.

Close the dishwasher's door, the countdown starts automatically. Once the countdown has elapsed the washing programme will start automatically.

- **Cancel the delay start in progress:**

To cancel a delay start in progress you have to reset the dishwasher; follow the same instructions given in "Cancel the washing programme in progress".

IMPORTANT!

Cancelling a delay start involves also the cancelling of the washing programme set. In this case you have to select the washing programme again.

IMPORTANT!

The selection of the washing programme and delay start can occur also with the door closed. Keep in mind that in this way, once a washing programme button is pressed you have ONLY

3 seconds in which you can choose another programme or select a delay start, after which the selected programme will start automatically.

Indicator lights

Programme in progress light



Illuminates when the washing programme has been set.

When the delay start has been set, this light turns off and will come on again once the countdown has elapsed and the washing programme has started.

End of programme light



Illuminates when the washing programme has ended.

3 in 1 light



Indicates the activation/deactivation of the "3 in 1 function" (see "3 in 1 function").

Salt refilling light



Illuminates when special salt needs to be filled.




It can remain illuminated several hours after the salt has been filled.

Rinse aid refilling light



Illuminates when rinse aid needs to be filled.

Washing programmes

Programme	Degree of soil	Type of load	Programme description
Intensive 70° 	Heavy soil	Crockery, cutlery, pots and pans	Prewash Main wash 2 intermediate rinses Final rinse Drying
AUTO 65° 50°	Normal / Light soil.	Crockery and cutlery	Prewash Main wash 1 or 2 intermediate rinses Final rinse Drying
Eat-Load-Run 1)  30 min.	Light soil	Crockery and cutlery	Main wash Final rinse
ECO 50° 2)	Normal soil	Crockery and cutlery	Prewash Main wash 1 intermediate rinse Final rinse Drying
Rinse and Hold 	Any. Partial load (to be completed later in the day).		1 cold rinse (to avoid food scraps from sticking together). This programme does not require the use of detergent.

1) Ideal for washing a partially loaded dishwasher. This is perfect daily programme, made to meet the needs of a family of 4 persons who only wish to load breakfast and dinner crockery and cutlery.

2) Test programme for test institutes.

"Auto" washing programme

During the "Auto" washing programme the amount of soil on the dishes is determined by how cloudy the water is.

If the appliance is partially loaded and the dishes lightly soiled, the "prewash", "main

wash", and "rinse" phases of the programme are shorter and the water consumption level is lower.

If the appliance is fully loaded and the dishes heavily soiled, the "prewash", "main wash", and "rinse" phases of the programme are longer and the water consumption level is higher.

For this reason the programme duration, water and energy consumption levels can vary within the stated range for "Auto" programme (see "Washing programmes chart").

During the "Auto" programme the temperature of the main wash water is also automatically adjusted between 50°C and 65°C depending on the amount of soil on the dishes.

First use

Before using your dishwasher for the first time:

- Ensure that the electrical and water connections comply with the installation instructions
- Remove all packaging from inside the appliance
- Set the water softener
- Pour 1 litre of water inside the salt container and then fill with dishwasher salt

- Fill the rinse aid dispenser

If you want to use combi detergent tablets such as: "3 in 1", "4 in 1", "5 in 1" etc... set the 3 in 1 function (see "3 in 1 function").

Set the water softener

The dishwasher is equipped with a water softener designed to remove minerals and salts from the water supply, which would have a detrimental or adverse effect on the operation of the appliance.

The higher the content of these minerals and salts, the harder your water is.

Water hardness is measured in equivalent scales, Clarke degrees, French degrees (°TH)

and mmol/l (millimol per litre - international unit for the hardness of water).

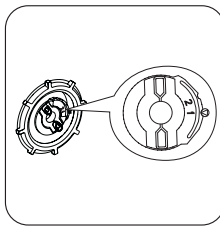
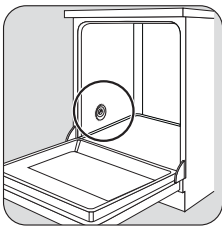
The softener should be adjusted according to the hardness of the water in your area. Your local Water Authority can advise you on the hardness of the water in your area.

Water hardness			Adjusting the water hardness setting		Use of salt
Clarke	°TH	mmol/l	manually	electronically	
64 - 88	91 - 125	9,0- 12,5	2	level 10	yes
53 - 63	76 - 90	7,6 - 8,9	2	level 9	yes
46 - 52	65 - 75	6,51 - 7,5	2	level 8	yes
36 - 45	51 - 64	5,1 - 6,4	2	level 7	yes
28 - 35	40 - 50	4,0 - 5,0	2	level 6	yes

Water hardness			Adjusting the water hardness setting		Use of salt
Clarke	°TH	mmol/l	manually	electronically	
23 - 27	33 - 39	3,3 - 3,9	2	level 5	yes
18 - 22	26 - 32	2,61 - 3,2	1	level 4	yes
13 - 17	19 - 25	1,9 - 2,5	1	level 3	yes
5 - 12	7 - 18	0,71 - 1,8	1	level 2	yes
< 5	< 7	< 0,7	1	level 1	no

The water softener must be set in both ways: manually, using the water hardness dial and electronically.

Setting the water softener manually (see table)

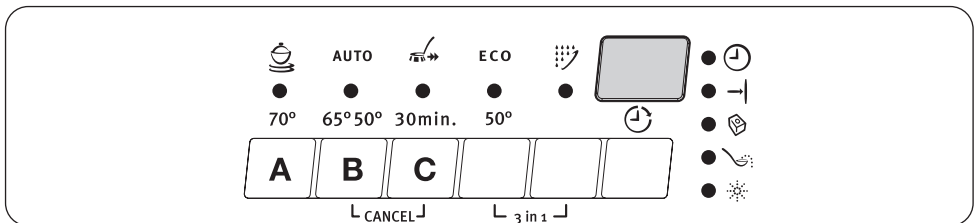


Set switch to position 1 or 2

The water softener is factory set at position 2.

Setting the water softener electronically (see table)

The water softener is factory set at position 5.

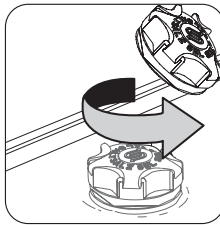
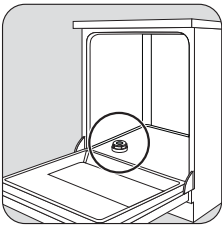


1. Press the On/Off button. The dishwasher must be in setting mode.
2. Simultaneously press and hold function buttons B and C, until the lights of function buttons A, B and C start flashing.
3. Press function button A, the lights of function buttons B and C turn off while the light of function button A goes on flashing. In the digital display is visible the current level.
Examples:
5 L displayed = level 5
10 L displayed = level 10
4. To change the level, press function button A. Each time the button is pressed the level changes. (For the selection of the new level see the chart).
Examples:
if the current level is 5, by pressing function button A once, level 6 is selected.
if the current level is 10, by pressing function button A once, level 1 is selected.
5. To memorise the operation, switch off the dishwasher by pressing the On/Off button.

Filling with dishwasher salt

CAUTION!

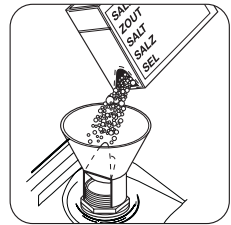
Use only special salt suitable for dishwashers.



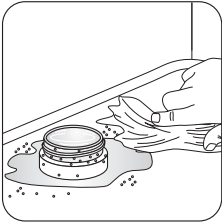
Unscrew the cap.



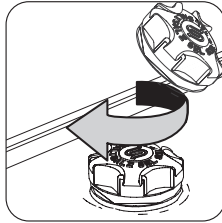
Only before filling with salt for the first time, fill the salt container with water.



Using the funnel provided, pour in the salt until the container is filled with salt.



Remove any trace of salt.



Replace the cap tightly turning it clockwise until it stops with a click.

IMPORTANT!

Immediately start a complete programme.

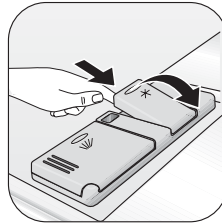
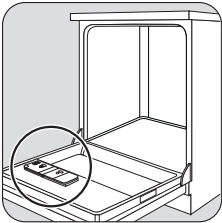
IMPORTANT!

Water will overflow from the container as salt is added.

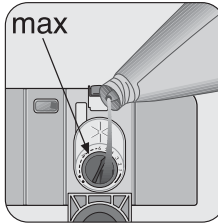
IMPORTANT!

Top up the special salt when the light on the control panel illuminates.

Filling with rinse aid



Open the lid.



Fill up with rinse aid. The maximum level for filling is indicated by "max"



Clean up any rinse aid which overflows. Close the lid and press until it locks.

! CAUTION!

Never fill the rinse aid dispenser with any other substances (e.g. dishwasher cleaning agent, liquid detergent). This would damage the appliance.

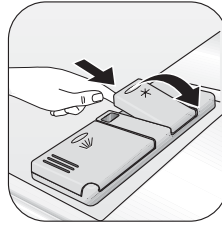
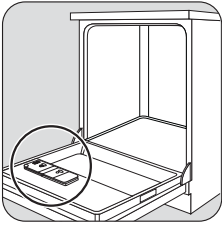
IMPORTANT!

Top up the rinse aid when the light on the control panel illuminates.

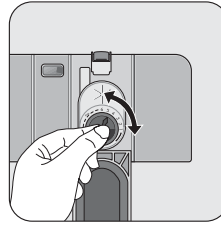
Adjusting the dosage of rinse aid

Increase the dose if there are drops of water or lime spots on the dishes after washing.

Reduce the dose if there are whitish streaks on the dishes or a bluish film on glassware or knife blades.



Open the lid.



Set the dosage level. (The dose is factory set in position 4).



Close the lid and press until it locks.

Loading cutlery and dishes

Sponges, household cloths and any object that can absorb water may not be washed in the dishwasher.

- Before loading the dishes, you should:
 - Remove all left over food and debris.
 - Soften remnants of burnt food in pans
- When loading the dishes and cutlery, please note:
 - Dishes and cutlery must not impede the rotation of the spray arms.
 - Load hollow items such as cups, glasses, pans, etc. with the opening downwards so that water cannot collect in the container or a deep base.
- Dishes and items of cutlery must not lie inside one another, or cover each other.
- To avoid damage to glasses, they must not touch.
- Lay small objects in the cutlery basket.
- Plastic items and pans with non stick coatings have a tendency to retain water drops; these items will not dry as well as porcelain and steel items.
- Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.

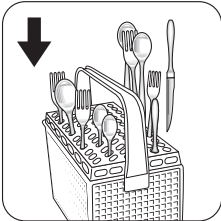
For washing in the dishwasher the following cutlery and dishes

are not suitable:

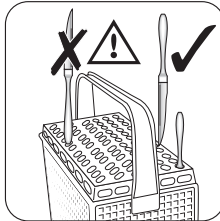
- Cutlery with wooden, horn, china or mother-of-pearls handles.
- Plastic items that are not heat resistant.
- Older cutlery with glued parts that are not temperature resistant.
- Bonded cutlery items or dishes.
- Pewter or copper items.
- Lead crystal glass.
- Steel items prone to rusting.
- Wooden platters.
- Items made from synthetic fibres.

are of limited suitability:

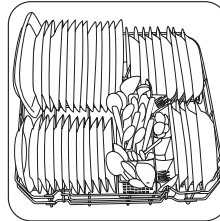
- Only wash stoneware in the dishwasher if it is specially marked as being dishwasher-safe by the manufacturer.
- Glazed patterns may fade if machine washed frequently.
- Silver and aluminium parts have a tendency to discolour during washing: Residues, e.g. egg white, egg yolk and mustard often cause discolouring and staining on silver. Therefore always clean left-overs from silver immediately, if it is not to be washed straight after use.



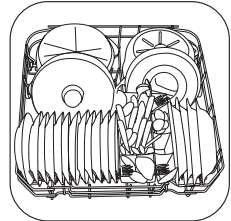
Load cutlery. For best results we recommend you to use the cutlery grid provided (if the size and dimensions of the cutlery allow it)

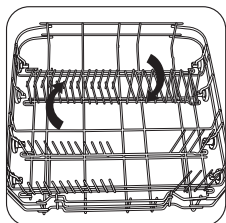


Place knives and other items of cutlery with sharp points or edges with their handles facing upwards. Risk of injury!

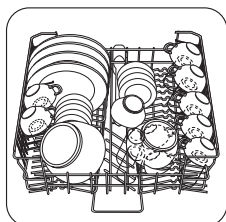


Load the lower basket. Arrange serving dishes and large lids around the edge of the basket.

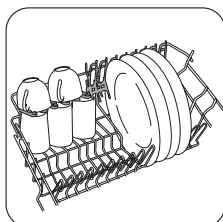




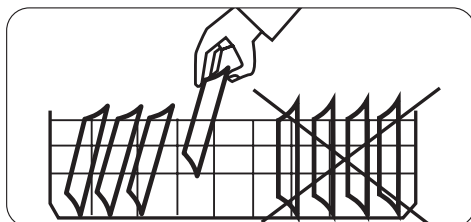
The two rows of prongs on the lower basket can be easily lowered to allow you to load pots, pans and bowls.



Load upper basket. Light items (plastic bowls etc.) must be loaded in the upper basket and arranged so they do not move.



For taller items, the cup racks can be folded upwards.



If plates are to be loaded in the upper basket: load them starting from the rear positions; tilting them slightly forwards and avoiding the front positions near the door.

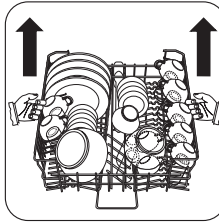
Adjusting the height of the upper basket

If washing very large plates you can load them in the lower basket after moving the upper basket to the higher position.

	Maximum height of the dishes in :	
	upper basket	lower basket
With upper basket raised	20 cm	31 cm
With upper basket lowered	24 cm	27 cm

To move to the higher position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards until the mechanism is engaged and the basket is stable.



To lower the basket to the original position proceed as follows:

1. Pull out the basket until it stops.
2. Carefully lift both sides upwards and then allow the mechanism to drop back down slowly, keeping hold of it.

IMPORTANT!

Never lift or lower the basket on one side only

IMPORTANT!

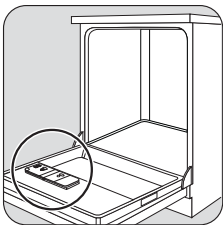
When the basket is in the higher position you will not be able to use the cup racks.

Use of detergent

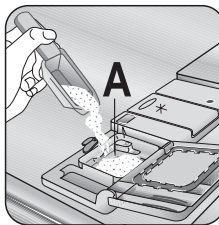
IMPORTANT!

Only use detergents suitable for dishwashers.

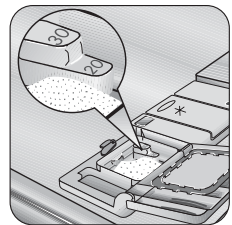
Observe the manufacturer's dosing and storage recommendations.



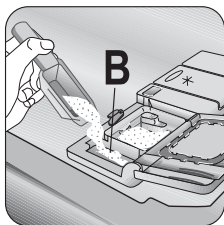
Open the lid.



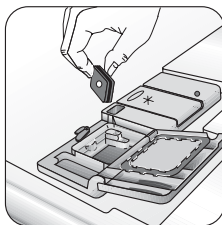
Fill in the detergent in compartment A.



Observe the dosing levels.



For programmes with pre-wash add an additional detergent dose in compartment B.

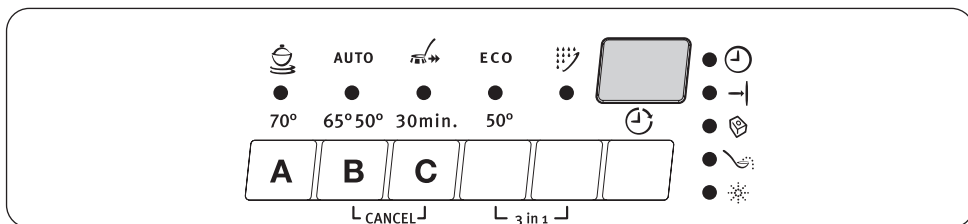


When using detergent tablets: place detergent tablets in compartment A.



Close the lid.

"3 in 1 function"



This appliance is equipped with the "3 in 1 function", that allows the use of the "3 in 1" combi detergent tablets.

These products are detergents with a combined cleaning, rinsing and salt functions. They can also contain other different agents depending on which kind of tablets you choose ("3 in 1", "4 in 1", "5 in 1" etc...)

Check whether these detergents are suitable for your water hardness. See the manufacturers instructions.

Once this function is selected it will remain active also for the following washing programmes. With the selection of this function the inflow of rinse aid and salt from each respective supply container is automatically deactivated and also

the indicator lights for salt and rinse aid are deactivated.

Select the "3 in 1 function" before the start of a washing programme.

With the use of the "3 in 1 function", the cycle durations may change.

Once the programme is running, the "3 in 1 function" can NO longer be changed.

If you want to exclude the "3 in 1 function" you have to cancel the programme setting and then deactivate the "3 in 1 function". In this case you have to set a washing programme (and desired options) again.

Activation/deactivation of the 3 in 1 function
Press simultaneously the two buttons positioned over the writing 3 in 1, until the "3 in 1

function "indicator light illuminates. This means that the function is active.

To deactivate the function press the same buttons again until the indicator light corresponding to the "3 in 1" symbol turns off.

If the drying results are not satisfactory we suggest that you:

1. Fill up the rinse aid dispenser with rinse aid.
 2. Activate the rinse aid dispenser.
 3. Set the rinse aid dosage to position 2.
- The activation/deactivation of the rinse aid dispenser can only be possible with the "3 in 1" function active.

Activation/deactivation of the rinse aid dispenser

1. Press the On/Off button. The dishwasher must be in setting mode.
2. Press simultaneously buttons B and C, until the lights of buttons A, B, and C start flashing.
3. Press button B, the lights of buttons A and C turn off while the light of button B goes

on flashing. The digital display indicates the current setting: $\square \mathcal{D}$ = Rinse aid dispenser deactivated.

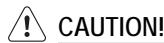
4. To change the setting, press button B again, the digital display indicates the new setting: \mathcal{D} = Rinse aid dispenser activated.
5. To memorise the operation, switch off the dishwasher by pressing the On/Off button.

If you decide to turn back to the use of standard detergent system we advise that you:

1. Deactivate the "3 in 1" function.
2. Fill up the salt container and the rinse aid dispenser again.
3. Adjust the water hardness setting to the highest setting and perform 1 normal washing programme without loading any dishes.
4. Adjust the water hardness setting according to the hardness of the water in your area.
5. Adjust the rinse aid dosage.

Unloading the dishwasher

- Hot dishes are sensitive to knocks. The dishes should therefore be allowed to cool down before removing from the appliance.
- Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one.
- Water may appear on the sides and the door of the dishwasher as the stainless steel will eventually become cooler than the dishes.



CAUTION!

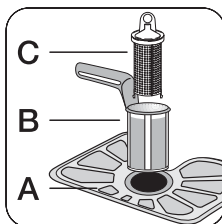
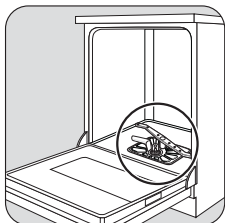
When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off.

Care and cleaning

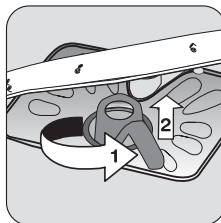
Cleaning the filters

IMPORTANT!

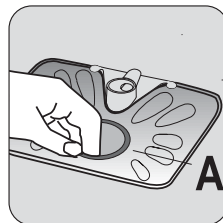
NEVER use the dishwasher without filters. Incorrect repositioning and fitting of the filters will produce poor washing results.



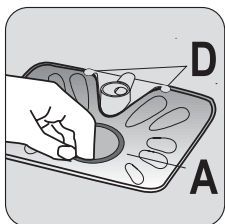
Clean filters A, B and C thoroughly under running water.



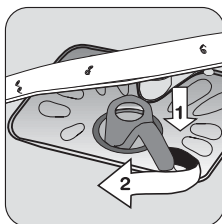
Turn the handle about 1/4 turn anticlockwise and remove filters B and C.



Remove filter A from the base of the washing compartment.



Put the flat filter A back in the base of the washing compartment and ensure that it fits perfectly under the two guides D.



Replace the filters and lock by turning the handle clockwise to the stop.

Cleaning the spray arms

NEVER try to remove the spray arms.

If residues of soil have clogged the holes in the spray arms, remove them with a cocktail stick.

External cleaning

Clean the external surfaces of the machine and control panel with a damp soft cloth. If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....).

Internal cleaning

Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth.

We recommend every 3 months to run the wash programme for heavy soiled dishes using detergent but without dishes.

Prolonged periods of non-operation

If you are not using the machine for any prolonged period of time you are advised to:

1. Unplug the appliance and then turn off the water.
2. Leave the door ajar to prevent the formation of any unpleasant smells.
3. Leave the inside of the machine clean.

Frost precautions

Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable,

empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine

If you have to move the machine (moving house etc...):

1. Unplug it.
2. Turn the water tap off.
3. Remove the water inlet and discharge hoses.
4. Pull the machine out together with the hoses.

Avoid over tilting the machine during transportation.

Environmental concerns

Packaging material


The packaging materials are environmentally friendly and can be recycled. The plastic components are identified by markings, e.g. >PE<, >PS<, etc. Please dispose of the packaging materials in the appropriate container at the community waste disposal facilities.

CAUTION!

When a unit is no longer being used:

- Pull the plug out of the socket.

- Cut off the cable and plug and dispose of them.
- Dispose of the door catch. This prevents children from trapping themselves inside and endangering their lives.

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of

correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about

recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Something not working

The dishwasher will not start or stops during operation. Certain problems are due to the lack of simple maintenance or oversights, which can be solved with the help of the indications described in the chart, without calling out an engineer.

Switch off the dishwasher, open the door and carry out the following suggested corrective actions.

Fault code and malfunction	Possible cause and solution
E10 appears in the digital display. The dishwasher does not fill with water.	<ul style="list-style-type: none">• The water tap is blocked or furred with limescale. Clean the water tap.• The water tap is turned off. Turn the water tap on.• The filter (where present) in the threaded hose fitting at the water inlet valve is blocked. Clean the filter in the threaded hose.• The water inlet hose has not been correctly laid or it is bent or squashed. Check the water drain hose connection.
E20 appears in the digital display. The dishwasher will not drain.	<ul style="list-style-type: none">• The sink spigot is blocked. Clean out the sink spigot.• The water drain hose has not been correctly laid or it is bent or squashed. Check the water drain hose connection.
E30 appears in the digital display. Anti-flood device is activated.	<ul style="list-style-type: none">• Close the water tap and contact your local Service Force Centre.

Fault code and malfunction	Possible cause and solution
<p>The programme does not start.</p>	<ul style="list-style-type: none"> • The dishwasher's door has not been properly closed. Close the door. • The main plug is not plugged in. Insert the main plug. • The fuse has blown out in the household fuse box. Replace the fuse. • Delay start has been set. If dishes are to be washed immediately, cancel the delay start.

Once these checks have been carried out; close the dishwasher's door and switch on the appliance. Press the button of the programme that was running before the intervention of the alarm. The programme will continue from the point at which it was interrupted.

If the malfunction or fault code reappears contact the Service Force Centre.

For other fault codes not described in the above chart, please contact your Service Force Centre.

Contact your local Service Force Centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.).

This information can be found on the rating plate located on the side of the dishwasher door.

So that you always have these numbers at hand, we recommend you to make a note of them here:

Mod. :

PNC :

S.N. :

The wash results are not satisfactory

The dishes are not clean	<ul style="list-style-type: none"> • The wrong washing programme has been selected. • The dishes are arranged in such a way as to stop water reaching all parts of the surface. The baskets must not be overloaded. • The spray arms do not rotate freely due to incorrect arrangement of the load. • The filters in the base of the washing compartment are dirty or incorrectly positioned. • Too little or no detergent has been used. • Where there are limescales deposits on the dishes; the salt container is empty or the incorrect level of the water softener has been set. • The drain hose connection is not correct. • The salt container cap is not properly closed.
The dishes are wet and dull	<ul style="list-style-type: none"> • Rinse aid was not used. • The rinse aid dispenser is empty.
There are streaks, milky spots or a bluish coating on glasses and dishes	<ul style="list-style-type: none"> • Decrease rinse aid dosing.
Water drops have dried onto glasses and dishes	<ul style="list-style-type: none"> • Increase rinse aid dosing. • The detergent may be the cause. Contact the detergent manufacturer's consumer care line.

If after all these checks, the problem persists, contact your local Service Force Centre.

Technical data

Dimensions	Width x Height x Depth (cm)	60,0 x 85,0 x 61,0
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate on the inner edge of the dishwasher's door.	
Water supply pressure	Minimum - Maximum (MPa)	0,05 - 0,8
Capacity	place settings	12
Max. weight	kg	40,5

Noise level	dB(A)	47
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Consumption values

The consumption values are intended as a guide and depends on the pressure and the temperature of the water and also by the var-

iations of the power supply and the amount of dishes.

Consumption values			
Programme	Programme duration (in minutes)	Energy consumption (in kWh)	Water (litres)
Intensive 70°	*	1,6-1,8	22-24
AUTO 50° 65°	*	1,1-1,6	12-23
Eat-Load-Run 30 min.	*	0,9	9
ECO 50° (Test programme for Test Institutes)	*	1,05	15
Rinse and Hold	*	0,1	4

* The programme duration is visible in the digital display when the washing programme is selected.

Hints for test institutes

Testing in accordance with EN 60704 must be carried out with appliance fully loaded and using the test programme (see "Consumption values").

Test in accordance with EN 50242 must be carried out when the salt container and rinse

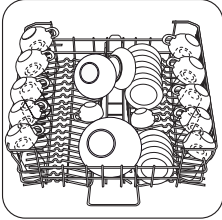
aid dispenser have been filled with salt and rinse aid respectively and using the test programme (see "Consumption values").

Full load: 12 standard place settings	
Amount of detergent required	5 g + 25 g (Type B)

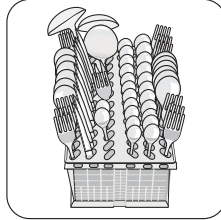
Full load: 12 standard place settings

Rinse aid setting

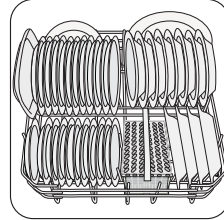
position 4 (Type III)



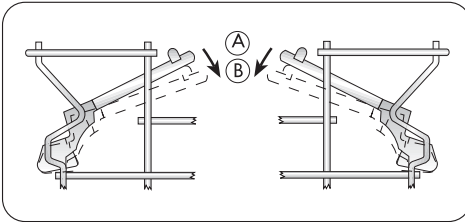
Upper basket



Cutlery basket



Lower basket



cup racks: position A

Installation

! WARNING!

Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person.

Water connection

! WARNING!

The dishwasher must not be connected to open water appliances or instantaneous water heaters. This dishwasher may be fed with either hot

(max. 60°) or cold water. Nevertheless we advise you a cold water supply.

! WARNING!

Only use, for connection to the water mains, new hose-set; old hose-set must not be reused.

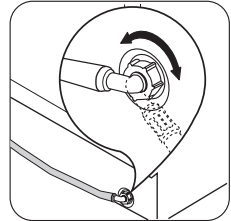
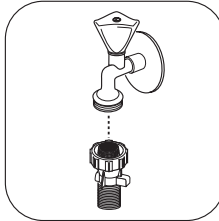
! CAUTION!

If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose.

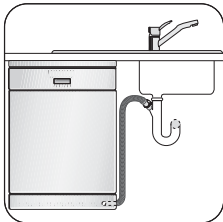
Inlet hose

Connect the inlet hose to a water tap with an external thread of 3/4".

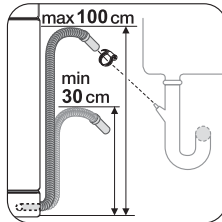
The inlet hose can be turned either to the left or the right to suit the installation by means of the locknut. The locknut must be correctly fitted to avoid water leaks.



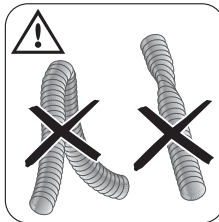
Drain hose



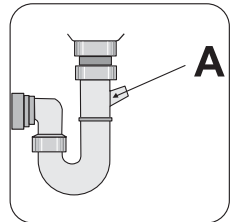
Connect drain hose to the sink. Secure it with the supplied hose clamp.



Required height: 30 to 100 cm above bottom of the dishwasher.



Ensure that the hoses are not kinked, crushed or entangled.



When connecting the drain hose to an under sink trap spigot, the entire plastic membrane (A) must be removed. Failure to remove all the membrane will result in food particles building up over time eventually blocking the dishwasher drain hose spigot.

If you use a drain hose extension the total length should not be longer than 4 metres. Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided.

Electrical connection

CAUTION!

Safety standards require the appliance to be earthed.

Prior to using the appliance for the first time, ensure that the rated voltage and type of supply on the rating plate match that of the supply where the appliance is to be installed.

The fuse rating is also to be found on the rating plate.

Always plug the mains plug into a correctly installed shockproof socket. Multi-way plugs, connectors and extension cables must not be used.

This could constitute a fire hazard through overheating.

If necessary, have the domestic wiring system socket replaced. In case that the electrical ca-

ble has to be replaced, contact your local Service Force centre.

The plug must be accessible after the appliance has been installed.

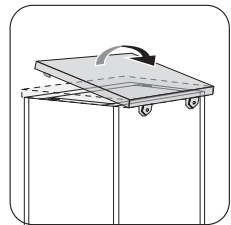
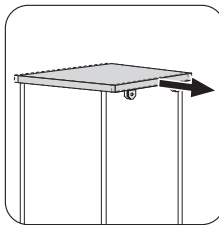
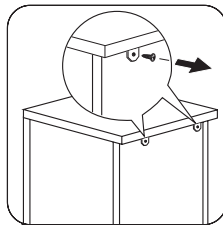
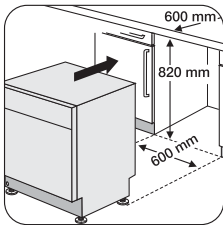
Never unplug the appliance by pulling on the cable. Always pull the plug.

The manufacturer accepts no liability for failure to observe the above safety precautions.

Fitting under a counter

By removing the dishwasher's worktop, you can install it under a close fitting sink unit or a pre-existing top.

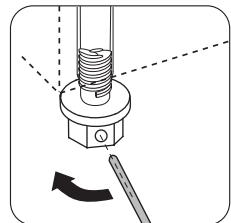
Be sure that once the appliance has been installed, it is easily accessible for the service engineer in the event that a repair is required.



Levelling

Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on either side of the cabinet.



Guarantee conditions

Guarantee/Customer Service

Standard guarantee conditions

We, Zanussi-Electrolux, undertake that if within 12 months of the date of the purchase this Zanussi-Electrolux appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- Electrolux Service Force Centre must undertake all service work under this guarantee
- Any appliance or defective part replaced shall become the Company's property.
- This guarantee is in addition to your statutory and other legal rights.

Exclusions

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom.

- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.
- Products of Electrolux manufacturer that are not marketed by Electrolux

Service and Spare Parts

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Service Force Centre by telephoning

0870 5 929 929

Your telephone call will be automatically routed to the Service Force Centre covering your post-code area.

For the address of your local Service Force Centre and further information about Service Force, please visit the website at www.serviceforce.co.uk

Before calling out an engineer, please ensure you have read the details under the heading "Something not working"

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and postcode.
2. Your telephone number.
3. Clear concise details of the fault.
4. The model and Serial number of the appliance (found on the rating plate).
5. The purchase date.

Please note a valid purchase receipt or guarantee documentation is required for in guarantee service calls.

Customer Care

For general enquiries concerning your Electrolux appliance, or for further information on Electrolux products please contact our Customer Care Department by letter or telephone at the

address below or visit our website at
www.electrolux.co.uk
 Customer Care Department Electrolux Major
 Appliances Addington Way Luton
 Bedfordshire, LU4 9QQ Tel: 08705 727 727 (*)
 (*) Calls may be recorded for training purposes

European Guarantee




This appliance is guaranteed by Electrolux in each of the countries listed at the back of this user manual, for the period specified in the appliance guarantee or otherwise by law. If you move from one of these countries to another of the countries listed, the appliance guarantee will move with you subject to the following qualifications:-




- The appliance guarantee starts from the date you first purchased the appliance which will be evidenced by production of a valid purchase document issued by the seller of the appliance.

- The appliance guarantee is for the same period and to the same extent for labour and parts as exists in your new country of residence for this particular model or range of appliances.
- The appliance guarantee is personal to the original purchaser of the appliance and cannot be transferred to another user.
- The appliance is installed and used in accordance with instructions issued by Electrolux and is only used within the home, i.e. is not used for commercial purposes.
- The appliance is installed in accordance with all relevant regulations in force within your new country of residence.




The provisions of this European Guarantee do not affect any of the rights granted to you by law.

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