

# Operating Instructions

## Dishwasher

*Dear Customer,*

*Thank you for choosing this quality product from ASKO.*

*We hope it will meet your expectations and fulfil your needs for many years to come.*

*Scandinavian design combines clean lines, everyday functionality and high quality. These are key characteristics of all our products and the reason they are greatly appreciated throughout the world.*

*To get the most from your new dishwasher, we recommend that you read the operating instructions before using the dishwasher. The operating instructions also include information on how you can help protect the environment.*



ASKO D5894 XXL FI  
Operating Instructions

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# Before washing for the first time

## **Read the operating instructions**

Read through the operating instructions before using the dishwasher, especially the sections Safety instructions, Child safety and Dishwashing.

## **Be careful with certain materials**

Read the section Fragile dishes before dishwashing porcelain with unglazed decoration or other utensils made from plastic, wood or crystal that you value.

## **Checking water hardness**

Contact the local water utility to check the water hardness in your area. This is important with regard to how much detergent and rinse aid to use.

# Safety instructions



## General

- Read the operating instructions and keep them in a safe place!
- Never use the dishwasher for any purpose other than that specified in these operating instructions.
- Do not load the dishwasher door or dishwasher baskets with anything other than dishes.
- Never leave the dishwasher door open as someone may trip on it.
- Use only dishwasher detergent!
- Place knives and other sharp items so that they cannot harm anyone or damage the dishwasher.
- The machine is not designed to be used by persons (even children) that are physically or mentally handicapped or lack experience and knowledge. Such persons must receive instruction in how to use the machine from the person responsible for their safety.
- Damaged mains cables must only be replaced by a qualified electrician.
- This dishwasher is for household or similar use, such as:
  - staff kitchens in shops, offices and other workplaces.
  - farms.
  - for guests at hotels, motels and other types of accommodation.
  - bed & breakfast hotels.
- Never place dishes with solvent residues in the dishwasher due to the risk of explosion. Nor may dishes that contain ash, wax or lubricants be washed in the dishwasher.
- Young children should be supervised to ensure that they do not play with the appliance.
- The appliance is not intended for use by young children or infirm persons without supervision.

## Installation

See the section Installation.

## Winter storage/Transport

- Store the dishwasher where the temperature remains above freezing.
- Avoid long transport distances in very cold weather.
- Transport the dishwasher upright or laying on its back.

## Overflow guard function

The overflow protection starts pumping out the machine and turns off the water supply if the water level in the dishwasher exceeds the normal level. If the overflow protection is triggered, turn off the water supply and call the service division.

## Cleaning

When cleaning the edge around the door, use only a slightly damp cloth. Do not spray water around the edge! Moisture can make its way into the lock, which contains electrical components.

## Packing material

Sort waste materials in accordance with local guidelines.

## Disposal

- When the dishwasher has reached the end of its service life and is to be disposed of, it should immediately be made unusable. Pull out the power cable and cut it as short as possible.
- The dishwasher is manufactured and labelled for recycling.
- Contact your local authority for information about where and how your dishwasher should be correctly recycled.

# Child safety



## Child safety and dishwashing

- Use the knife basket, or knife stand, for all long/sharp items.
- Always close the door and start the program immediately after you have added the detergent.
- Keep children away from the dishwasher when the door is open. Some detergent may remain inside!
- Do not allow children to use or play with the dishwasher. Be especially vigilant when the door is open.

### WARNING!



#### Children must be supervised – dishwasher detergent is corrosive!

Store detergent and rinse aid out of the reach of children! If anyone swallows dishwasher detergent, they should immediately drink one or two glasses of milk or water. Do not attempt to induce vomiting. Contact a doctor! If anyone gets dishwasher detergent in their eyes, rinse (for at least 15 minutes) with plenty of water.

### WARNING!



Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with skin and eyes and keep children away from the dishwasher when the door is open.

Check that the detergent compartment is empty after completion of the wash cycle.

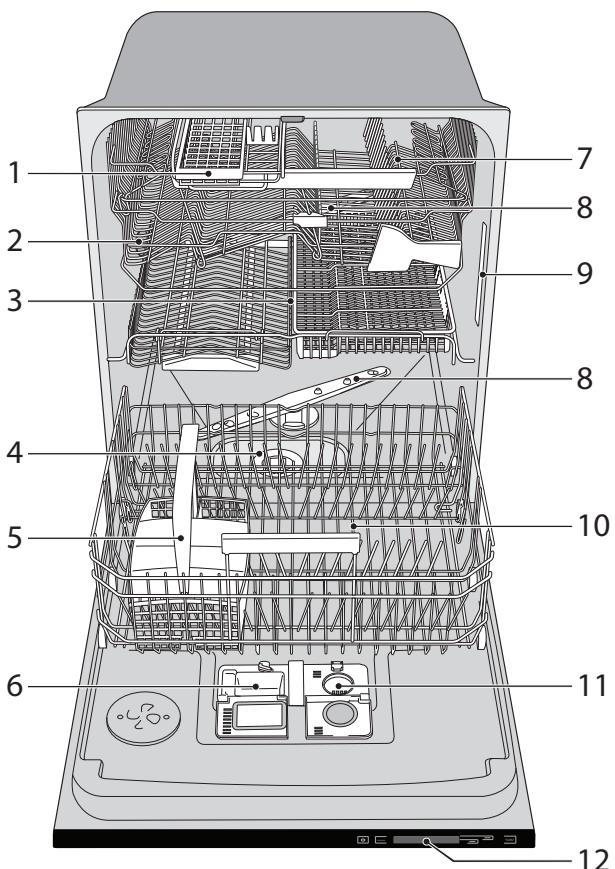
## Activate child lock (button lock)

You can activate the child lock (button lock) to prevent children from starting the dishwasher (see the section Special settings).

# Dishwasher components\*



Status light

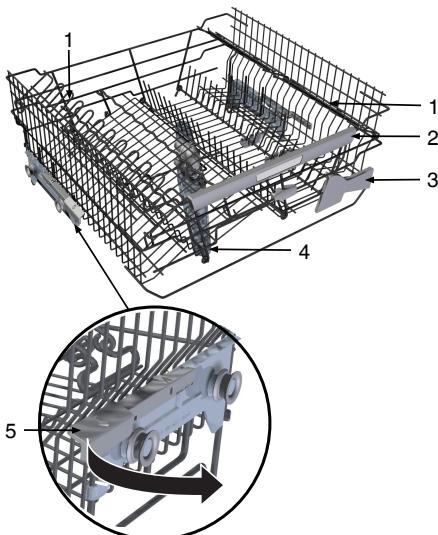


1. Knife basket	7. Upper basket
2. Interior light	8. Spray arms
3. Middle basket	9. Serial number plate
4. Filters	10. Lower basket
5. Cutlery basket	11. Rinse aid compartment
6. Detergent compartment	12. Panel

\*Specifications may differ depending on the model and market.

# Dishwasher baskets\*

## Upper basket



1. Wine glass shelf
2. Handle
3. Knife guard
4. Spray arm
5. Locking handle for upper basket

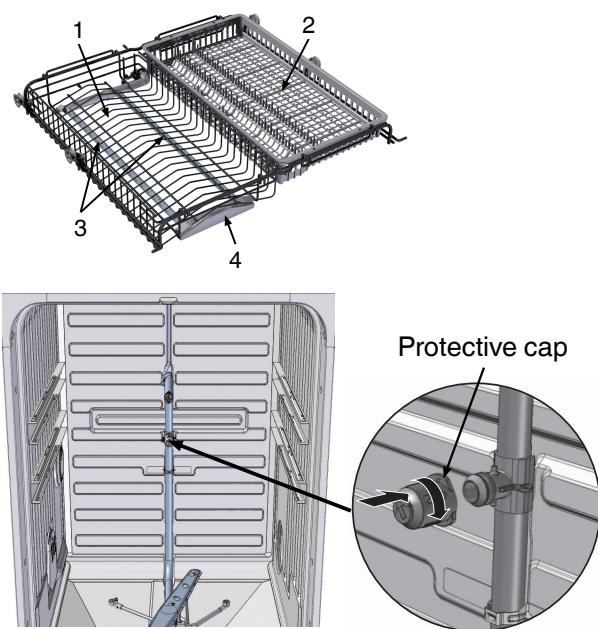
### Raising the upper basket

1. Pull out the upper basket.
2. Grab the sides of the upper basket with both hands and lift it up.

### Lowering the upper basket

1. Pull out the upper basket.
2. Pull out the two locking handles (5) on either side to lower the upper basket.

## Middle basket



1. Wire basket for cups, small glasses or bowls
2. Utensils basket for ladles, whisks, food turners, serving cutlery and similar items
3. Spray pipes
4. Handle

The wire basket can be replaced with another utensils basket.

The two baskets in the middle basket can be removed, or the entire middle basket can be removed to create more space between the upper and lower baskets if larger items are being washed.

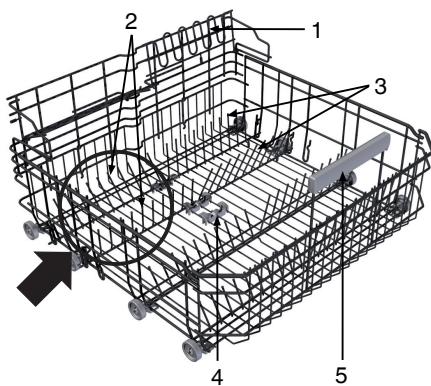
### NOTE!

Fit the supplied protective cap if the wire basket with spray pipes or the entire middle basket is removed. Don't forget to remove the protective cap when the wire basket with spray pipes or the entire middle basket is refitted.

\*Specifications may differ depending on the model and market.

# Dishwasher baskets\*

## Lower basket

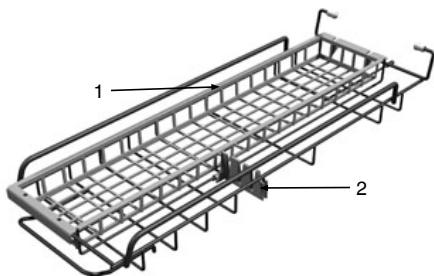


1. Wine glass shelf
2. Fold-down plate support left
3. Fold-down plate support right
4. Forward mount for plate support (used for plates with a diameter greater than 25 cm)
5. Handle

### NOTE!

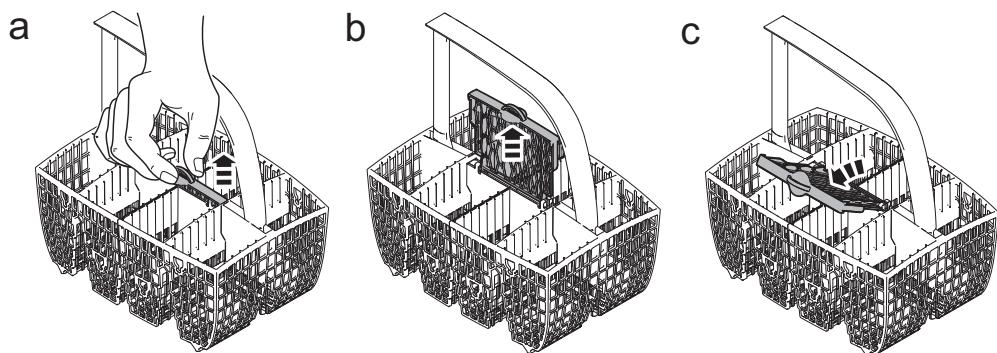
Plastic items should not be placed in the circled area of the lower basket as they can be damaged by the heat. Plates, on the other hand, can be placed here for warming (applies to Crockery warming program).

## Knife basket



1. Basket
2. Knife support

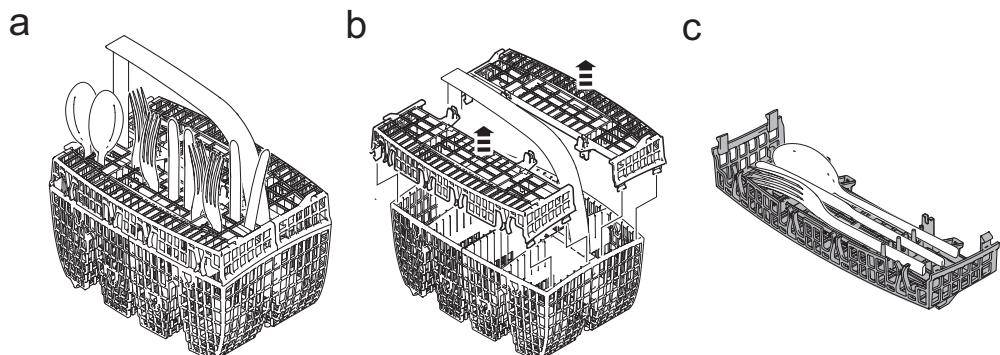
## Cutlery basket



\*Specifications may differ depending on the model and market.

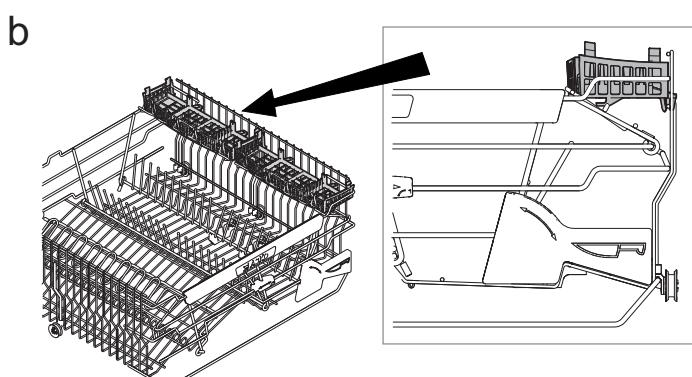
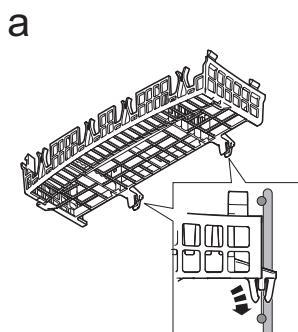
# Dishwasher baskets\*

## Cutlery basket with lid



## Positioning of cutlery basket lid (in upper basket)

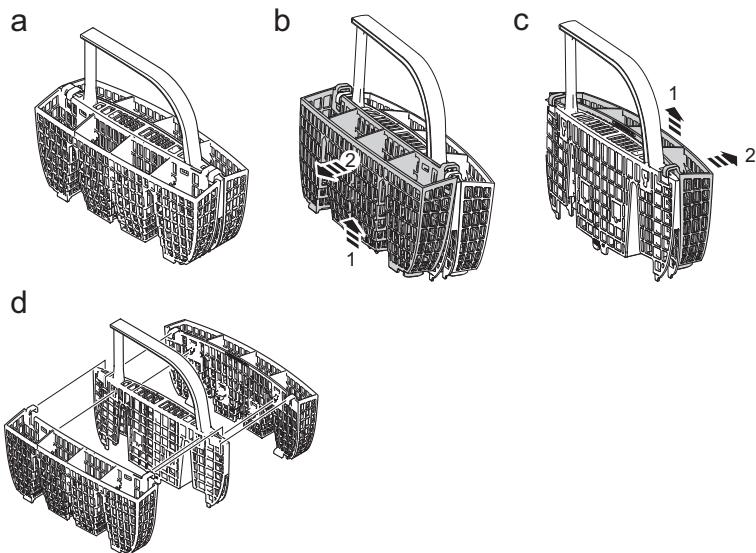
The cutlery basket lid can be removed and used, for example, as an extra cutlery basket in the upper basket (see below).



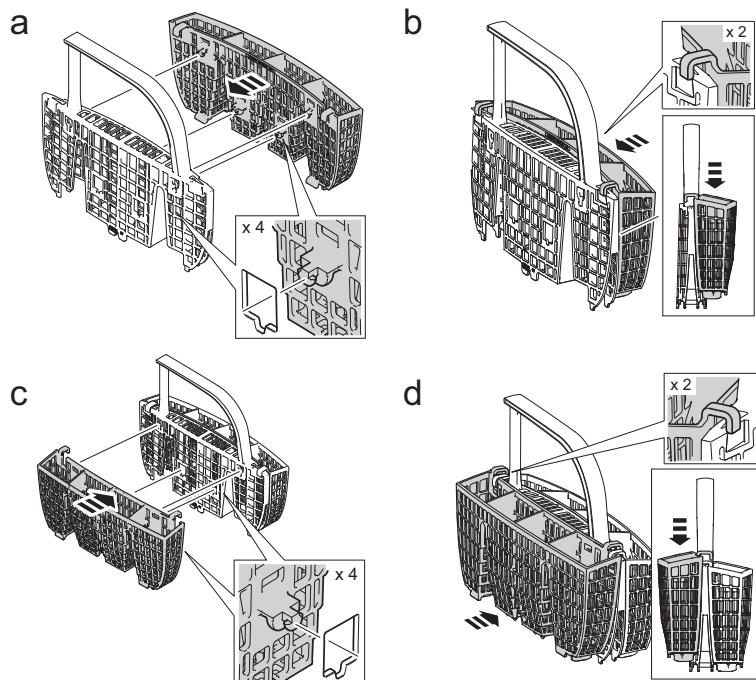
\*Specifications may differ depending on the model and market.

# Dishwasher baskets\*

## Extra cutlery basket (disassembly)



## Extra cutlery basket (assembly)



### TIP!

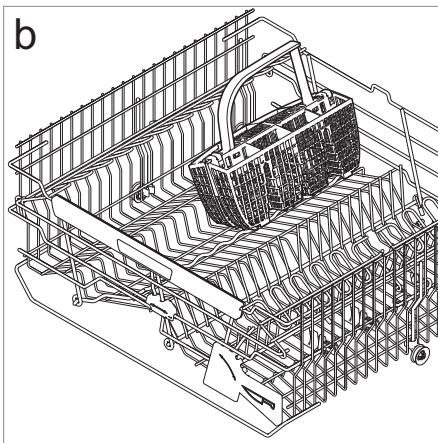
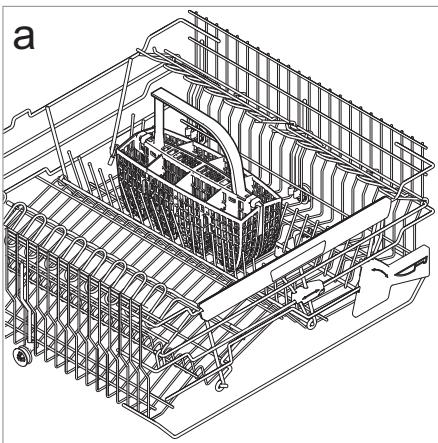
The disassembled parts can also be mounted on the large cutlery basket to make an even larger cutlery basket.

\*Specifications may differ depending on the model and market.

# Dishwasher baskets\*

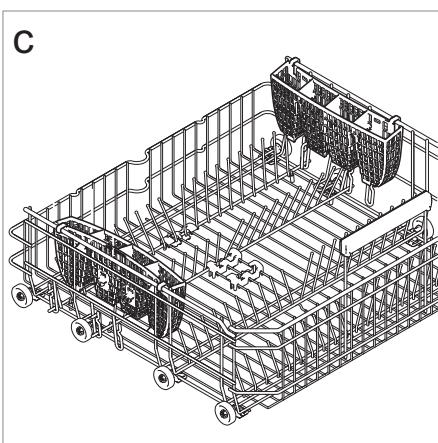
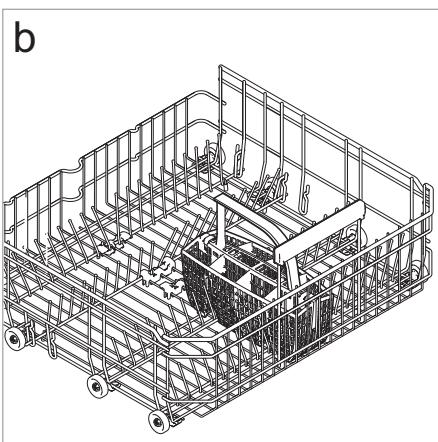
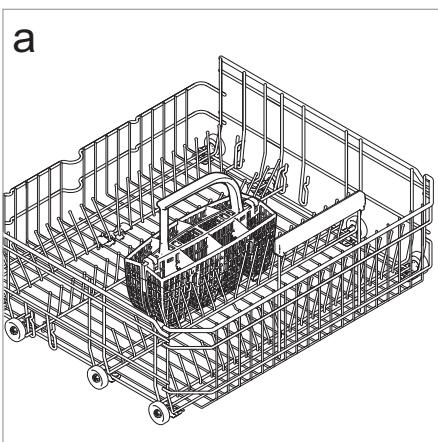
## Positioning of extra cutlery basket

### Upper basket



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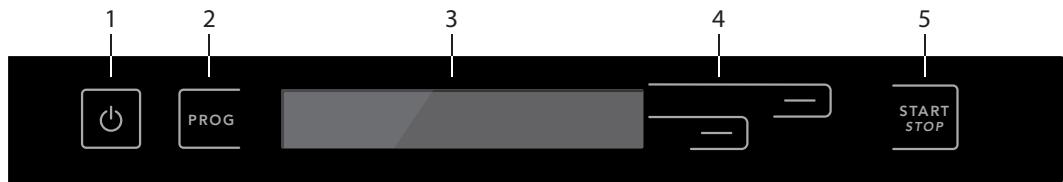
### Lower basket



\*Specifications may differ depending on the model and market.

# Front panel

The panel is fitted with touch buttons with audible feedback (see the chapter Special settings).

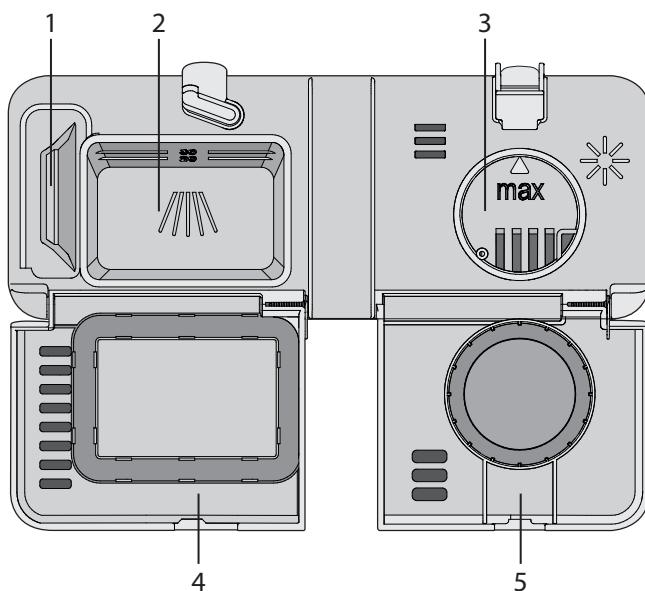


1. Main power switch
2. Program selector
3. Display
4. Navigation buttons
5. Start/Stop

## NOTE!

- The touch buttons only react to use when the door is open. Wait a moment before pressing the touch buttons after opening the door.
- Two minutes after the last button press, the panel backlight enters energy saving mode. Press the main power switch once to reactivate the panel.
- Keep the touch buttons clean and free from grease. Wipe them clean with a dry or slightly damp cloth. Never use cleaners – they can scratch the surface. Use the main power switch to turn off the dishwasher before cleaning the touch buttons to avoid activating any buttons unintentionally.

# Dispenser



1. Prewash detergent compartment
2. Main wash detergent compartment
3. Rinse aid compartment
4. Detergent compartment lid
5. Rinse aid compartment lid

# Economic dishwashing

## Run programs only with a full load

Wait to run a program until the dishwasher is full. This way you save energy. Use the Rinse & Hold program to rinse the dishes if there are any unpleasant odours while you wait for the dishwasher to become fully loaded.

## Run programs at a lower temperature

If the dishes are only slightly dirty, you can select a lower temperature with certain programs. See also the section Select options in the chapter Dishwashing.

## Select a program with Short dry

To save energy, use Short dry. The drying result will be better if, once the program is finished, you leave the door slightly open.

## Do not rinse under running water

Simply scrape off large food particles before loading the dishwasher.

## Choose a green detergent

Read the environmental declaration on the packaging!

## Connect to cold water...

If you use oil or electricity to heat your home.

## Connect to hot water (max. 70 °C)...

If you use district heating, solar power or geothermal power to heat your home. Choosing a hot water connection cuts program times and reduces the dishwasher's electricity consumption.

# Fragile dishes

Some cookware is not dishwasher safe. This can be for several reasons. Some materials cannot withstand strong heat, others can be damaged by dishwashing detergent.

## Fragile decoration

Porcelain with decoration on top of the glazing (the items feel rough) should not be washed in a dishwasher.

## Crystal/Glass

Position items so that they do not touch each other during the wash. Use the lowest possible wash temperature and the shortest possible program. Select No dry. Antique and very fragile items should not be washed in a dishwasher.

Glass washed in a dishwasher at high temperatures can gradually develop a grey film that cannot be removed. Wash fragile glasses at a low temperature and with a small amount of detergent.

## Silver

Silver and stainless steel items should not come into contact, as the silver can become discoloured.

## Cutlery with glued handles

Some types of glue are not dishwasher safe. In such cases, the handles may loosen.

## Wood

Wooden items should only be washed in a dishwasher if marked dishwasher safe.

## Aluminium

Aluminium can lose its shine if washed in a dishwasher. However, good quality aluminium pans can be washed in a dishwasher, even if some of the shine will be lost.

## Plastic items

Avoid washing plastic items that cannot withstand high temperatures.

Your machine is equipped with a turbo dryer, which improves the drying of plastic and other items.



### NOTE!

Plastic items should not be placed in the circled area of the lower basket as they can be damaged by the heat.

# Dishwashing

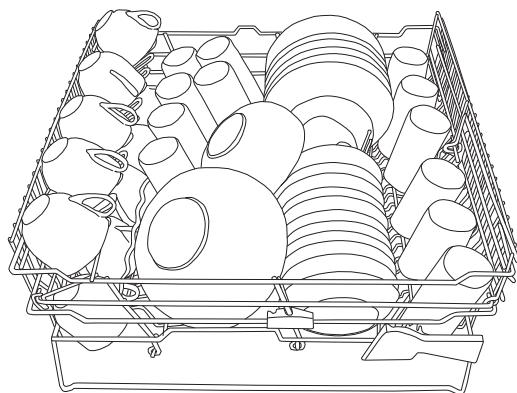
Below are step-by-step instructions to help you achieve the best possible dishwashing results.

## 1 Load the baskets correctly

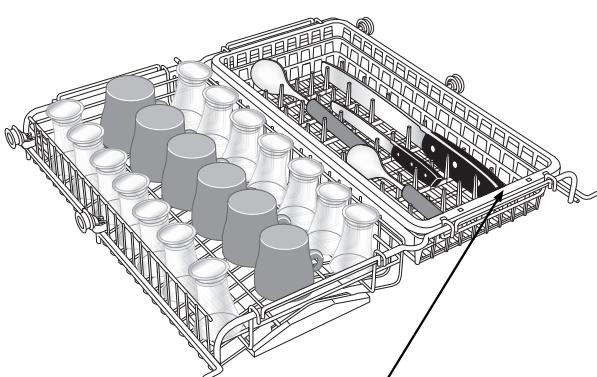
Do not rinse dishes under running water before loading them in the dishwasher. Simply scrape off large food particles before loading the dishwasher. Place glasses, cups, bowls, side plates and saucers in the upper basket. Wine glasses are placed on the wine glass shelf (if fitted). Place sharp knives in the special knife basket at the top of the dishwasher, or in the knife stand on the right (if fitted).

### NOTE!

All dirty surfaces should face inwards and downwards!



The middle basket's wire basket with spray pipes is suitable for low objects such as cups, small glasses and bowls. The middle basket's utensils basket has space for ladles, whisks, serving cutlery and similar items.



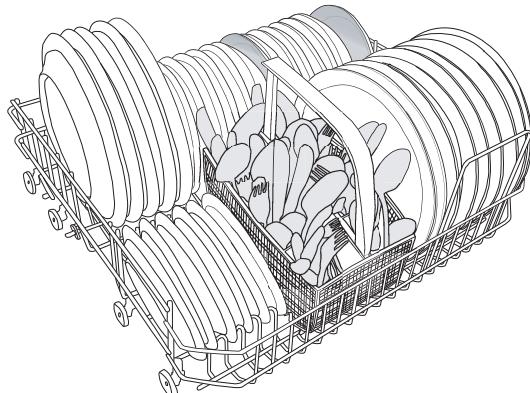
Do not place bowls or cups in the utensils basket!

The two baskets in the middle basket can be removed, or the entire middle basket can be removed to create more space between the upper and lower baskets if larger items are being washed.

### NOTE!

Fit the supplied protective cap if the wire basket with spray pipes or the entire middle basket is removed. Don't forget to remove the protective cap when the wire basket with spray pipes or the entire middle basket is refitted. See the section Dishwasher baskets.

Place plates, side plates, serving dishes, pots and cutlery (in the cutlery basket) in the lower basket. Lower the fold-down plate supports when washing pots.



Place cutlery with the handles facing down, except for knives, and spread them out as much as possible. Ensure that spoons do not stack inside each other. The cutlery basket is placed in the lower basket.

### WARNING!



Knives and other pointed items must be placed with the points down in the cutlery basket or horizontally in other baskets.

Do not place cutlery made of different materials, such as silver and stainless steel, in the same place (risk of discolouration).

The cutlery basket has a fold-down section in the middle for small items, or small shafts, such as electric whisk attachments.

# Dishwashing

See the section Fragile dishes if you want to wash items that may be considered fragile.

## 2 Check that the spray arms can rotate freely

## 3 Add detergent

Detergent is added according to water hardness.

Follow the instructions on the detergent packaging.

Too much detergent can result in less effective dishwashing and also entails greater environmental impact.

Add the detergent to the detergent compartment. There is one compartment for the prewash and one for the main wash (see the section Dispenser). If tablets are not used, add a small amount of the detergent to the prewash compartment. Contact the detergent manufacturer if you have any questions about the detergent.

### WARNING!



Children must be supervised – dishwasher detergent is corrosive!

### NOTE!

Use only dishwasher detergent! Washing up liquid must not be used as the foam that forms prevents the dishwasher from operating effectively.

### Dishwasher tablets

Halve the tablet if it is difficult to close the dispenser lid. There is a risk that the detergent will not be released properly if the lid is tight and will not open correctly.

### NOTE!

Dishwasher tablets are not recommended for short programs (less than 75 minutes). Use powder or liquid dishwasher detergent instead.

## 3-in-1/All-in-one detergent

Read through the directions for these products carefully. If anything is unclear, contact the detergent manufacturer.

## 4 Press the main power switch until the display lights up

## 5 Select the program

Press the Program selector one or more times until the desired program appears on the display.

### Auto wash

The dishwasher can measure how dirty the dishes are and adjust water consumption and temperature accordingly. When newly installed, the program needs to be run five times before it is fully adapted and can provide the best results.

### Daily wash

A program suitable for day-to-day dishwashing. This program can also clean dried leftovers, but is not intended for burnt food, such as on oven dishes.

### Time program

The program adapts to the specified running time or finish time. With this program it is important to choose a time suited to how dirty the dishes are.

0:30-1:15 Slightly dirty dishes

1:30-2:00 Normally dirty dishes

2:15-3:00 Very dirty dishes

### Heavy wash

Program for very dirty dishes, such as pans, casserole dishes and oven dishes. If these dishes do not completely fill the dishwasher, you can add plates and the like.

### Normal wash

Use to wash normally dirty dishes, and even dishes with dried leftovers, such as plates, serving dishes, cups, glasses and so on.

# Dishwashing

## **Mixed wash**

This dishwashing program is used when you have lightly soiled dishes in the upper basket and heavily soiled dishes in the lower basket. This program has a longer program time than Lower half wash.

## **Upper half wash**

You can use this program if you only have cups and glasses that need washing in the upper basket. Slightly dirty dishes can also be placed in the lower basket.

## **Lower half wash**

You can use this program when you only want to wash plates and cutlery in the lower basket. Slightly dirty dishes can also be placed in the upper basket.

## **Eco wash**

Use when you want to save water. For normally dirty dishes.

## **Plastic wash**

A program intended for washing plastic items that are not dishwasher safe. This program has an extra long drying cycle. Porcelain and glasses can also be washed.

## **Delicate wash**

If the dishes are not very dirty, you can select Delicate wash. This program is intended for glasses and porcelain that have just been used and as such do not require such a powerful program.

This program can be used for fragile dishes. Select No dry if you want to be especially cautious. See also the section Fragile dishes.

## **Quick wash**

This program is used for glasses and porcelain that is slightly dirty, such as coffee cups.

## **Super Quick wash**

Short program lasting about 15 minutes with acceptable results for very slightly dirty dishes.

## **Rinse & Dry**

This program comprises a rinse with heating and drying. This is a suitable program if, for example, you plan to make jam and want to rinse and heat clean glass jars.

## **Rinse & Hold**

Used to rinse dishes while you wait for the dishwasher to become fully loaded.

## **Crockery warming**

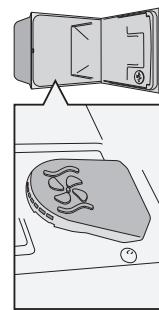
Used to warm plates. See the section Dishwasher baskets for how to place the plates.

# Dishwashing

## Program chart

Program	Options	Pre-washes	Main washes (°C)	Number of rinses	Final rinse temperature (°C)	Consumption values <sup>1)</sup>		
						Cold water <sup>2)</sup>		Hot water <sup>3)</sup>
Auto wash	-	1-3	55-65	2-3	65	1:50:2:50	1,3-1,6	1:40:2:40
Daily wash	60 °C, Short dry 1	60	2	65	1:40	1,3	1:30	0,8
Time program	-	0-2	max. 65	2-3	max. 65	1:30	1,2	1:30
Heavy wash	55 °C, Short dry 2	55	3	60	3:20	1,4	3:00	0,7
Normal wash <sup>4)</sup>	45 °C, Short dry 1	45	2	45	2:05	0,8	1:45	0,3
Normal wash	65 °C, Short dry 2	65	2	65	2:25	1,4	2:10	0,7
Upper half wash	55 °C, Short dry 0	55	2	60	2:30	1,1	2:15	0,7
Lower half wash	55 °C, Short dry 0	55	2	60	2:30	1,1	2:15	0,7
Eco wash	55 °C, Short dry 0	55	2	50	2:30	0,8	2:15	0,5
Plastic wash	55 °C, Short dry 1	55	2	60	2:20	1,2	2:05	0,6
Delicate wash	40 °C, Short dry 0	40	2	50	1:50	0,9	1:40	0,5
Quick wash	30 °C, No dry 0	30	2	-	0:20	0,2	0:20	0,1
Super Quick wash	30 °C, No dry 0	30	2	-	0:15	0,2	0:15	0,1
Rinse & Dry	-	0	-	1	50	0:45	0,5	0:40
Rinse & Hold	-	0	-	1	-	0:06	0,01	0:06
Crockery warming	-	0	-	0	-	0:40	0,1	0:40

1) Consumption values vary depending on the water supply temperature, the ambient temperature, the size of the load, the selected options and more. For dishwashers equipped with a turbo dryer as illustrated below the drying time is reduced by some 40-60% for certain programs.



2) Connection to cold water, approx. 20 °C.

3) Connection to hot water, approx. 60 °C.

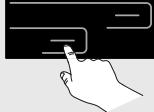
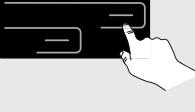
4) The energy label performance figures are based on this program.

# Dishwashing

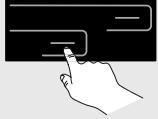
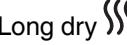
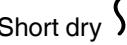
## 6 Select options



If you do not want to select any more options, press the Program selector to exit the options menu.

		Description
<b>Loading the baskets</b>	 	<b>Full load</b>   
		This option activates both spray arms and enables you to wash both the upper and lower baskets. This option can be used with all programs except Lower half wash, Upper half wash, Mixed wash and Crockery warming.
		<b>Upper half load</b>  
		You can use this option if you only have cups and glasses that need washing in the upper basket. This option can be used with all programs except Lower half wash, Upper half wash, Mixed wash and Crockery warming.
<b>Delayed start</b>	<ul style="list-style-type: none"><li>•  is shown on the display. Press the button to set the desired start time.</li><li>• Press the Start/Stop button or select further options. The dishwasher now counts down the time every minute until the program starts. Then the remaining program time appears on the display.</li></ul>	When you select Delayed start, the dishwasher will start 30 minutes to 24 hours after you press the Start/Stop button. Press and hold Start/Stop for three seconds if you want to cancel the Delayed start option.
<b>Temperature</b>	Press to choose the temperature used in the main wash.	With this option, you can choose the temperature used in the main wash. Select a high temperature if you want to improve dishwashing efficiency. You can choose a temperature from cold to 70 °C with all programs except Delicate wash (from cold to 60 °C) and Plastic wash (from cold to 65 °C). This option can be used with all programs except Auto wash, Time program, Rinse & Dry, Rinse & Hold and Crockery warming.

# Dishwashing

		Description
<b>Drying</b>		
		
	<p>Long dry </p> <p>No dry</p> <p>Short dry </p>	<p>Select Long dry for improved drying results. The temperature increases during the final rinse, which improves drying results but increases program time and energy consumption. If you want a program without drying, press the option button again and the symbol turns off. To save energy, select Short dry or No dry.</p> <p>You can select the drying performance for all programs except Auto wash, Time program, Rinse &amp; Dry, Rinse &amp; Hold and Crockery warming.</p>
<b>Time saver</b>	Off	This option shortens the program time, but uses more energy and water. This option can be selected with the programs Heavy wash, Normal wash, Mixed wash, Upper half wash and Lower half wash.
	On 	
<b>Tab</b>	Off	
	On <b>3in1</b>	<p>This option can be activated when using 3-in-1/all-in-one detergents. The dishwashing program automatically adapts to provide the best possible dishwashing and drying results every time. If you deactivate this option, the dishwasher will return to ordinary function for all programs. This option can be used with all programs except Rinse &amp; Dry, Rinse &amp; Hold and Crockery warming.</p> <p>If this setting is activated there is no need to add rinse aid since this option disables rinse aid dispensing.</p> <p><b>NOTE!</b></p> <p>In order to achieve good dishwashing results, it is essential to check which type of detergent or all-in-one product best suits your needs! Read the detergent packaging carefully for information on proper use. Always follow the directions for use or information on the detergent packaging!</p>
<b>Super rinse</b>	Off	
	On 	Super Rinse adds two extra rinses. This option can be used with all programs except Auto wash, Time program, Rinse & Dry, Rinse & Hold and Crockery warming.
<b>Cool touch</b>	Off	
	On 	The fan runs for another 30 minutes to cool the dishes before you unload them. This option can be used with all programs except Auto wash, Time program, Rinse & Dry, Rinse & Hold and Crockery warming.
<b>Special settings</b>	Yes	See the section Special settings.
<b>Exit</b>		

# Dishwashing

## 7 Press Start/Stop and close the door

The display shows "Program started". Close the door properly, otherwise the dishwasher will not start.

### Stopping or changing a program

If you want to change program after starting the dishwasher, open the door then press and hold Start/Stop for three seconds. Add more detergent if the lid of the detergent dispenser has opened. Then choose a new program, press Start/Stop and close the door.

### Do you want to add more dishes?

Open the door. The dishwasher stops automatically. Add the dishes, close the door and the dishwasher continues the program.

### If the dishwasher is turned off using the main power switch or due to a power failure

If the dishwashing program was not finished, the interrupted program continues when power is restored.

#### NOTE!

During drying, the program is interrupted if the power is cut or the door is open for more than 2 minutes.

## 8 After dishwashing

Once the program has finished, "End" appears on the display.

A buzzer also sounds at the end of the program. See the section Special settings, which describes how to change this function.

A status light also indicates the end of the program. See the section Status light.

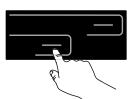
Once the dishwasher has finished, it uses only standby power. Turn off the dishwasher using the main power switch if you want to completely cut the power. Turn off the water supply valve after each use.

### Drying

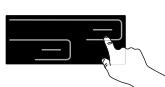
For additional drying the door should be opened 35 mm upon completion of the drying cycle. For more information refer to the page marked Performance information in these instructions.

# Special settings

## How to open the special settings menu:



Press the button until Special settings appears on the display.



Press the button once.

## How to save a selection:



Press **PROG** or **START/STOP** to save and exit the special settings menu.



		Description
Language	English	You can choose the language used for the display.
	Svenska	To open the language menu directly:
	Dansk	
	Norsk	1. Press and hold the  button and the main power switch simultaneously.
	Suomi	2. Press the  button to set your preferred language.
	Français	3. Press the  button to save your selection.
	Deutsch	
	Italiano	
	Espanol	
	Русский	
	Nederlands	
Child lock	Off	You can activate the child lock (button lock) option to prevent children from starting the dishwasher.
	On 	Press the  and  buttons simultaneously to temporarily deactivate the button lock when you want to start the dishwasher. The button lock is automatically reactivated after 3 minutes.
Buzzer volume	0 (Off), 1-4	The dishwasher uses a buzzer to indicate when a program is finished or when a fault has occurred.
Operation volume	0 (Off), 1-4	This sound is used to confirm each button press.
Temperature unit	°C	Temperatures can be displayed in °C (Celsius) or °F (Fahrenheit).
	°F	
Rinse aid	0 (Off), 1-6	Rinse aid dosage setting.

# Special settings

		Description
<b>Water consumption</b>	No. of cycles	Shows the water consumption of the last program, as well as the total number of program cycles the dishwasher has run.
Finally, press  to save and exit the menu.		

# Time remaining

Once you have selected a program and options, the display indicates how long the program took the last time it was used. Once you have started the dishwasher, the display indicates how much program time remains.

This may differ somewhat from time to time depending on the temperature of the water supply, the amount of dishes, the ambient temperature and other factors.

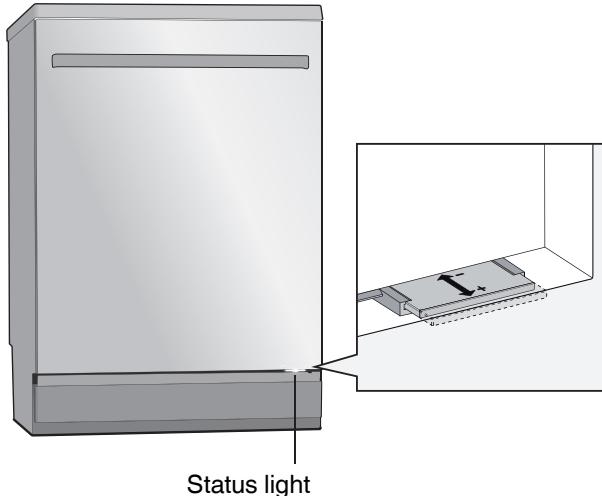
While the program is running, the time counts down and the remaining program time is shown on the display. The remaining time is shown, for example, as 1:15, which means the program will run for another 1 hour and 15 minutes.

## NOTE!

During the first run of each program, the remaining time displayed can be slightly misleading, as the dishwasher is estimating the time. When you run the program a second time, the dishwasher will calculate the remaining time based on the previous duration of the program.

# Status light

The status light at the bottom on the dishwasher provides information by means of 3 different colours. Adjust the status light so that it is seen clearly by pulling out or pushing in the transparent plastic strip.



## Blue

Load more. The program has started, but you can still load more dishes.

## Red

Do not load. You should not load more dishes (risk of poorer dishwashing result).

## Flashing red

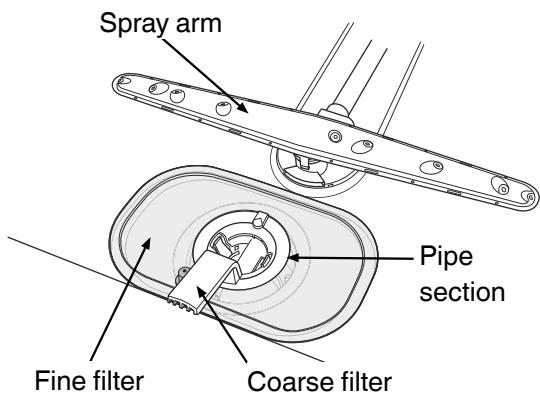
This indicates a fault. See further in the sections Error messages and Troubleshooting.

## Green

Unload. The dishwashing program is finished. Standby light for two hours.

# Care and cleaning

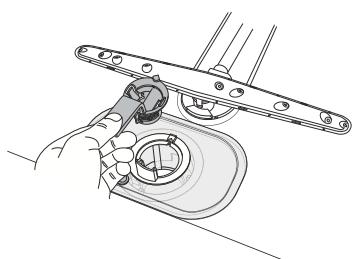
The dishwasher tub is made of stainless steel and is kept clean through normal use. However, if you have hard water, limescale deposits may form in the dishwasher. If this happens, run the Normal wash program with high temperature and two tablespoons of citric acid in the detergent compartment (with no dishes in the machine).



## Coarse filter

The coarse filter traps larger food particles, which cannot get past the drainage pump. Empty the coarse filter as necessary.

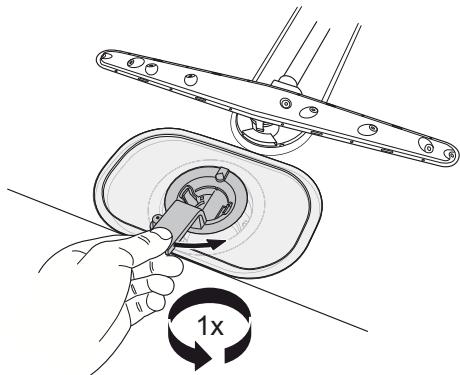
1. Lift the coarse filter by the handle.
2. Empty the coarse filter. Remember to replace it!



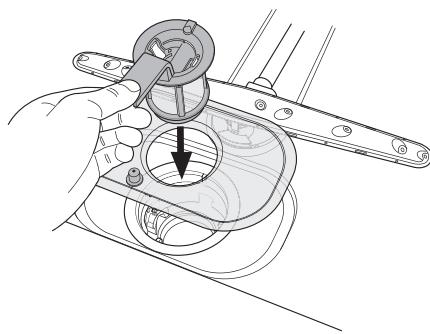
## Fine filter

Debris that collects on the fine filter is automatically rinsed away during each wash. However, the fine filter and its pipe section should be cleaned a couple of times a year.

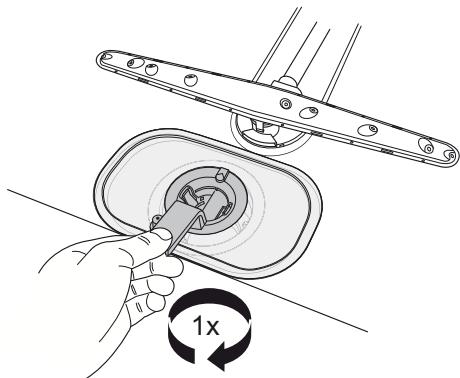
1. Turn the handle anticlockwise once.



2. Lift the pipe section straight up by the handle. Free the coarse filter to clean the pipe section.
3. Remove and clean the fine filter.
4. Replace in reverse order. Check that the edges seal properly when replacing the fine filter.



5. Lock the filter in place by turning the handle clockwise to the stop position. The handle should point straight out from the dishwasher.



# Care and cleaning

## NOTE!

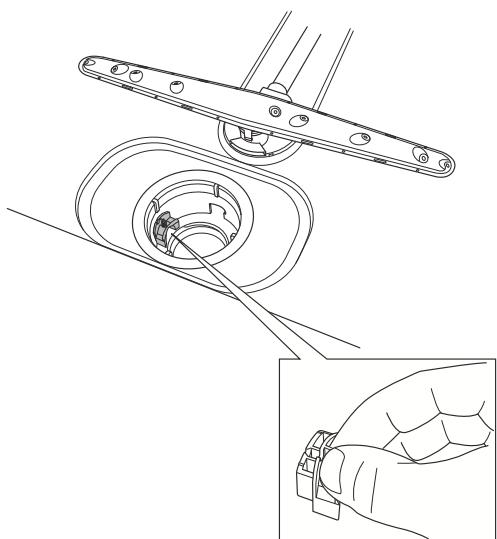
The dishwasher must not be used without the filter in place!

Diswashing efficiency can be affected if the coarse filter is incorrectly fitted. After cleaning ensure that filter handle is fully locked with the handle pointing out of the dishwasher.

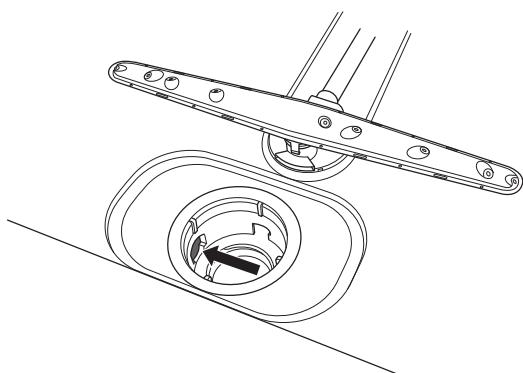
## Drainage pump

The pump can be accessed from inside the dishwasher.

1. Cut the power to the dishwasher by pulling out the plug from the wall socket!
2. Remove the coarse filter and pipe section.
3. Remove the small yellow fitted piece at the left of the bottom drain (see illustration below).



4. By inserting your finger into the hole you can turn the pump blade to release anything blocking it.
5. Reinstall the fitted piece and filters.
6. Plug the machine in again.

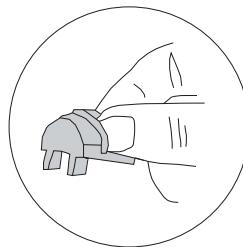


If the dishwasher still does not start and a whirring sound is heard, the overflow protection has been activated.

- Shut off the water.
- Remove the plug from the wall socket.
- Call the service division.

## NOTE!

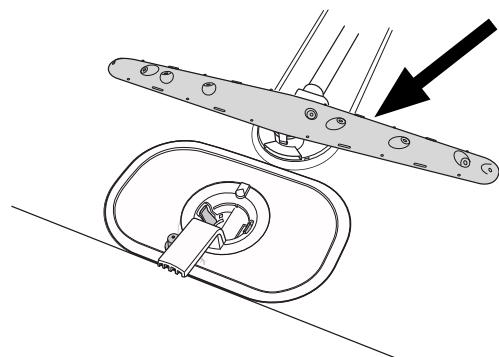
Do not forget to reinstall the fitted piece.



## Lower spray arm

Holes and bearings can sometimes become blocked.

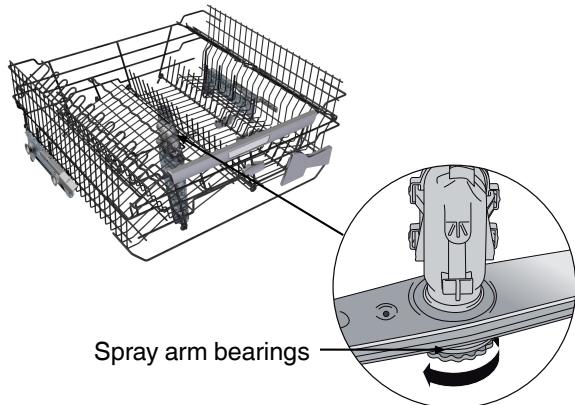
1. Pull the lower spray arm straight up to release it.
2. Remove any debris using a needle or the like. The spray arms also have holes underneath.



# Care and cleaning

## Upper spray arm

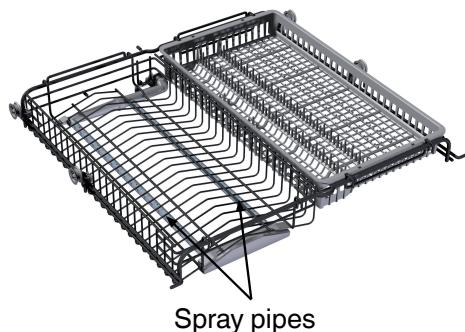
1. Pull out the basket.
2. Unscrew the spray arm bearings as illustrated to remove the spray arm from the upper basket.



3. Clean the upper spray arm in the same manner as the lower spray arm.
4. Replace the spray arm and screw the spray arm bearings firmly back into place.

## Cleaning the middle basket

1. Pull out the basket.
2. Check the holes in the spray pipe.



3. Clean with a needle or the like.

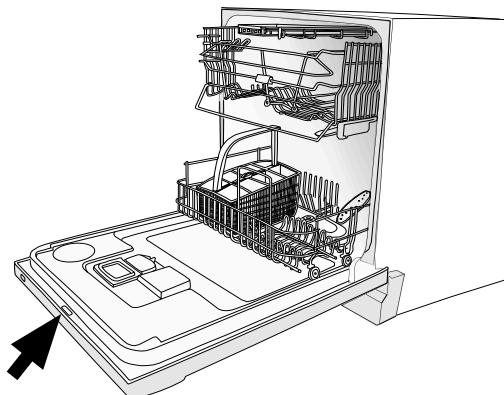
## Door

When cleaning the edge around the door, use only a slightly damp cloth (with a little cleaner if necessary).

## WARNING!



Do not use a spray bottle or the like around the door lock. This is to ensure that water does not penetrate the door catch and come into contact with the electrical components.



# Rinse aid

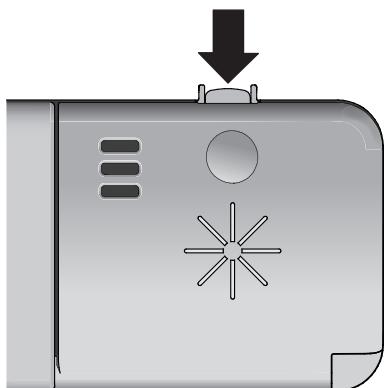


Drying is faster if you use rinse aid. When the rinse aid needs topping up, the above symbol lights on the display.

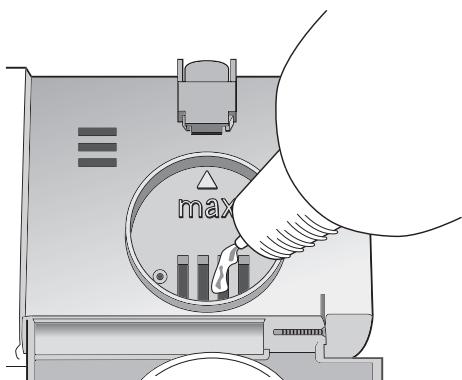
## Top up with rinse aid

Top up with rinse aid as follows:

1. Open the rinse aid compartment lid.



2. Carefully top up with rinse aid. Only add rinse aid to the level marked **max**.



3. Wipe up any splashes of rinse aid around the compartment.
4. Close the lid firmly.

### NOTE!

After topping up, it may take a while before the symbol goes out.

## Select dosage

The rinse aid dispenser can be adjusted between 0 (off) and 6. At the factory, the rinse aid dispenser is set to 1.

### Increase the rinse aid dosage:

- If the dishes have water marks.

### Reduce the rinse aid dosage:

- If the dishes have a sticky white/blue film.
- If the dishes are streaked.
- Build-up of foam. If you have very soft water, the rinse aid can be diluted 50:50 with water.

For water with a hardness greater than 10–12 °dH, you ought to use rinse aid with citric acid (known as acid rinse aid).

## Set the dosage

The section Special settings describes how to set the rinse aid dosage.

# Error messages

Display	Action
Overfilling	Call the service division.
Water outlet fault	See "Possible causes" in the chapter Troubleshooting.
Water inlet fault	Check that the water tap is on. Check whether dishwasher inlet hose is connected to a pressure limiting valve (some pressure limiting valves may restrict the supply of water to the dishwasher).
Inlet valve leakage	Turn off the water tap and call the service division
Clean filter	Clean the filters. See the section Care and cleaning.

Turn off the machine with the main power switch and then turn it on again to clear the error message from the display.

# Troubleshooting

Problem	Possible causes	Action
The dishes are not clean.	The spray arms do not rotate.	Remove the arms and clean them.
		Check that the dishes are not blocking the spray arms.
	Old detergent. Detergent is a perishable product.	Avoid large packages.
	Incorrect detergent dosage.	Dose according to water hardness. Far too much or far too little detergent results in poorer dishwashing results.
	Dishwashing program too weak.	Select a higher temperature or a more powerful program.
	Dishes loaded incorrectly.	Do not cover porcelain with large bowls or the like. Avoid placing very tall glasses in the corners of the baskets.
	Glasses and cups have toppled over during the program.	Place dishes to sit steady.
Spots or films on the dishes.	The filter is not correctly fitted.	Screw the filter firmly into place. See the section Care and cleaning.
	Incorrect rinse aid dosage setting.	See the sections Rinse aid and Special settings.
The dishes have a sticky white/blue film.	Too high temperature and/or too much detergent can cause etching on crystal. Unfortunately, this cannot be repaired, only prevented.	Wash crystal at a low temperature and with a conservative amount of detergent. Contact the detergent manufacturer.
	Rinse aid dosage setting too high.	Reduce the amount. See the sections Rinse aid and Special settings. If you have very soft water, you may want to dilute the rinse aid 50:50 with water.
Spots on stainless steel or silver.	Some foodstuffs, such as mustard, mayonnaise, lemon, vinegar, salt and dressings, can cause spots on stainless steel if left for too long.	Rinse off these types of foodstuffs if not starting the dishwasher immediately. Why not use the Rinse & Hold program.
	All stainless steel can cause spots on silver if they come into contact during dishwashing. Aluminium can also cause spots on dishes.	Silver and stainless steel items should not come into contact during dishwashing.
Spots left after washing.	Lipstick and tea can be difficult to wash off.	Use a detergent with a bleaching agent.
Rattling sound when dishwashing.	The dishes are not correctly placed or the spray arms are not rotating.	Check that the dishes are placed securely. Spin the spray arms to make sure they can rotate.

# Troubleshooting

Problem	Possible causes	Action
The dishwasher does not start.	<p>You have forgotten to turn on the main power switch.</p> <p>The door is not properly closed.</p> <p>A fuse/circuit breaker has been tripped.</p> <p>The plug is not plugged into the wall socket.</p> <p>The water tap is turned off.</p> <p>Overflow/leaks</p> <p>A whirring sound (the drainage pump) is heard from the dishwasher and does not stop when the main power switch is turned off.</p> <p>Check that the Delayed start option has not been selected.</p>	<p>Press and hold the main power switch until the display lights up.</p> <p>Check.</p> <p>Check.</p> <p>Check.</p> <p>Check.</p> <p>Turn off the water tap. Pull out the plug and call the service division.</p> <p>Press and hold Start/Stop for three seconds if you want to cancel the Delayed start option.</p>
1 minute appears in the display.	The program is taking longer than estimated.	None, next time the program is run the corrected time will be displayed.
Water remains in the dishwasher.	<p>Blocked drainage hose.</p> <p>Kink in drainage hose.</p> <p>The filters are blocked.</p> <p>The filter is not locked in completely.</p> <p>Debris in the drainage pump.</p>	<p>Loosen the drainage hose where it connects to the sink unit's water trap. Check that no debris has fastened. Is the cone-shaped part of the pipe cut to an inner diameter of at least 14 mm?</p> <p>Check that the hose is free from kinks and sharp bends.</p> <p>Clean the coarse and fine filters.</p> <p>Ensure filter is completely locked with handle pointing towards the door.</p> <p>Clean the drainage pump. See the section Care and cleaning.</p>
Bad odour in dishwasher.	<p>Dirt around the seals and in corners.</p> <p>Low temperature programs have been selected for a prolonged period.</p>	<p>Clean with washing-up brush and low foaming cleaner.</p> <p>Run a program with a higher temperature about once a month.</p>
The dishes are not dry enough.	<p>Drying power too low.</p> <p>The dishwasher is not fully loaded.</p> <p>Rinse aid needs topping up or dosage is set too low.</p>	<p>Activate the Drying option.</p> <p>Fully load the dishwasher.</p> <p>Top up with rinse aid or increase the rinse aid dosage. See the sections Rinse aid and Special settings.</p>
		Open the door a little once the program has finished.

# Troubleshooting

Problem	Possible causes	Action
Cannot close door.	The baskets are not correctly positioned.	Check that the baskets are correctly positioned horizontally, and that the middle basket's water connector is in line with its spray pipe.
		Check that the dishes are not blocking the baskets from sliding properly into place.
The touch buttons do not react when pressed.	You have pressed the touch buttons too soon after opening the door.	Wait a moment then try again.
	Dirt on the touch buttons.	Clean with a dry or slightly damp cloth.
	The door is closed.	Open the door. The touch buttons only react to use when the door is open.
	Child lock (button lock) activated.	See the section Special settings.

# Performance information

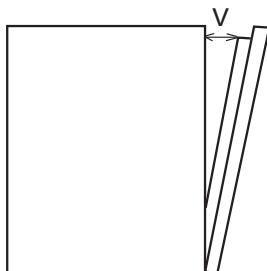
## Energy labelling

Australian standard: AS/NZS 2007

Number of place settings: 15

Dishwashing programs: Normal wash 45 °C, Short dry

The door should be opened upon completion of the drying cycle a distance of 35 mm at V.



Program time: 2:05 hours:minutes

Connection: Cold water 20 °C

Test method for noise measurement: IEC-704-3

## Dosages during testing

Detergent: In accordance with AS/NZS 2007

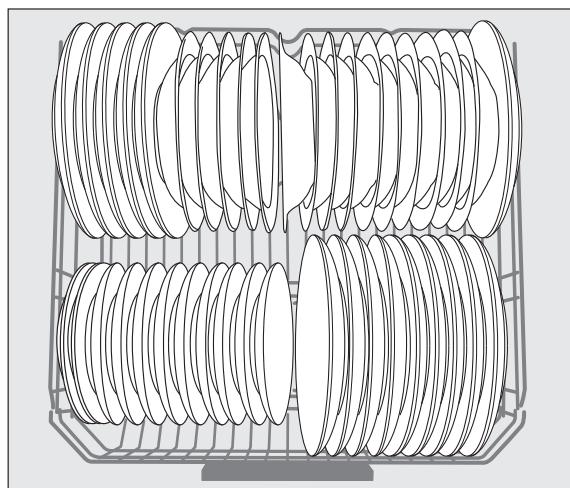
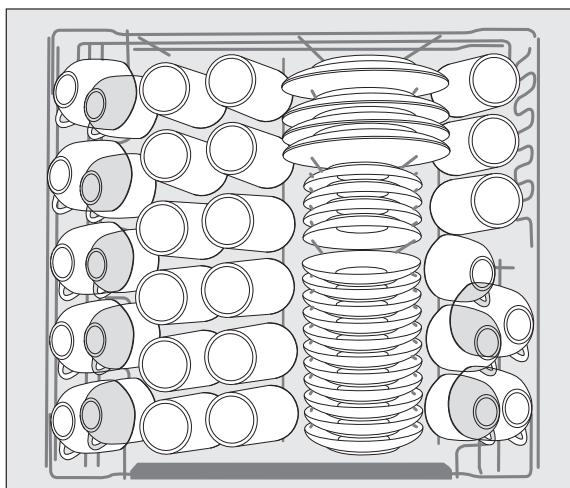
Prewash: 7,5 gram

Main wash: 25 gram

Rinse aid: In accordance with AS/NZS 2007

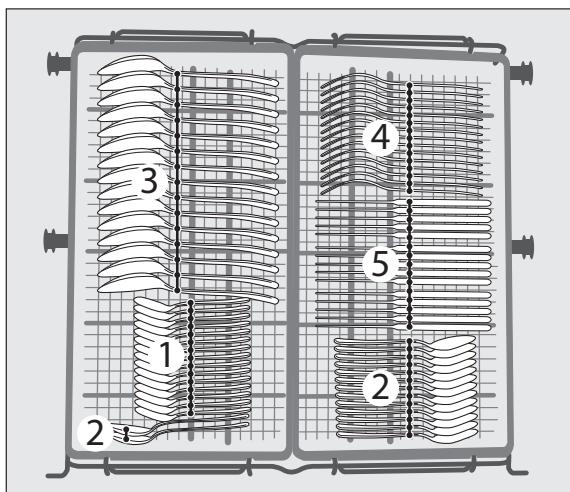
Rinse aid dosage: 3

## Loading the dishwasher



Make sure the upper basket is in the lowest position. See the section Dishwasher baskets.

# Performance information



1. Teaspoons
2. Dessertspoons
3. Soupspoons
4. Forks
5. Knives

Do not forget to fit the protective cap to the middle basket connector right at the back of the machine. See the section Dishwasher baskets.

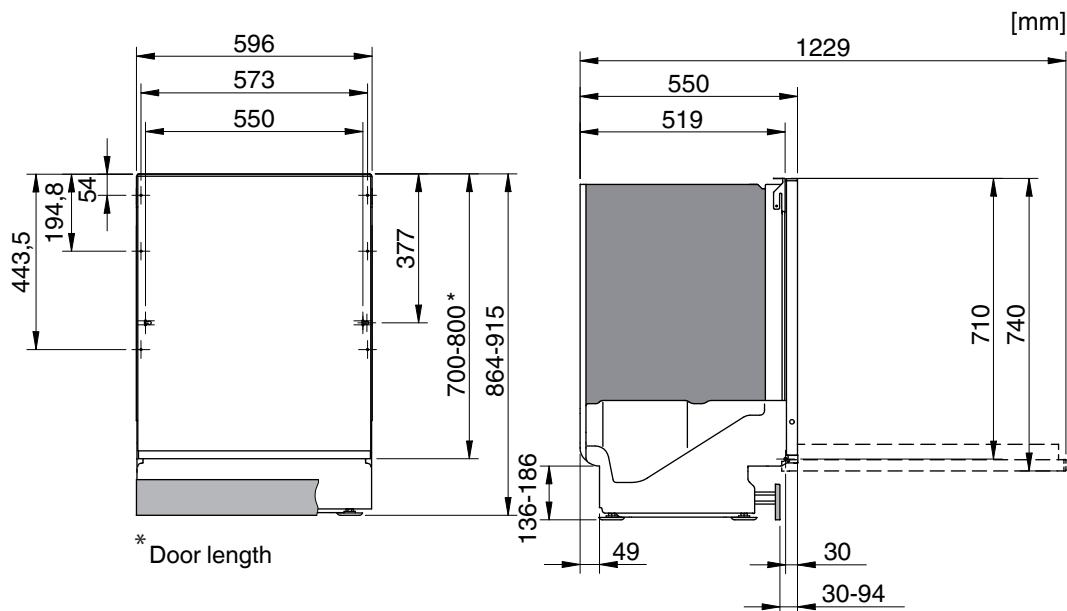
## Technical data

Height:	857-915 mm
Width:	596 mm
Depth:	550 mm
Weight:	42 kg <sup>1)</sup>
Capacity:	15 place settings <sup>2)</sup>
Water pressure:	300 - 1000 kPa 0.3-10 kp/cm <sup>2</sup> 3-100 N/cm <sup>2</sup>
Electrical connection:	See type plate.
Rated power:	See type plate.

1) Weight can vary due to different specifications.

2) In accordance with standard, AS/NZS 2007.

# Installation



It is important that you read through and follow the instructions and directions below. Conduct installation and connection in accordance with the separate installation instructions.

## Safety instructions

- Connections to electricity, water and drainage must be performed by a qualified professional.
- Electrical, water and drainage installations must be carried out by a qualified professional.
- Always follow applicable regulations for water, drainage and electricity.
- An incorrect or flawed installation can result in higher consumption of energy, water and detergent, which can result in increased costs and poor dishwashing results. In order to minimise noise it is important that you follow the instructions.
- Exercise caution during installation! Use protective gloves! Always have someone assist you!
- Place a watertight protective tray on the floor under the dishwasher to prevent damage from any water leaks.
- Before screwing the dishwasher into place, test the dishwasher by running the Rinse & Hold program. Check that the dishwasher fills with water and drains. Check also that none of the connections leak.

## WARNING!



The ventilation opening in the lower part of the door must not be blocked by a rug, carpet or similar furnishing.

## WARNING!



Turn off the water supply when installing the dishwasher!

## WARNING!



The plug must be disconnected or power to the socket turned off while the work is carried out!

## Setup

- The recess and connection dimensions are included in the separate installation instructions. Check that all dimensions are correct before starting the installation.
- Make sure the area on which the dishwasher is to be installed is firm. Adjust the adjustable feet so that the dishwasher is level. Tighten the lock nuts.
- Stronger door springs are available for purchase for dishwashers with a fitted wooden door. Springs are available for various weights and sizes of wooden door. Door springs can be purchased from the retailer who sold you the dishwasher.

# Installation

## Drainage connection

See the separate installation instructions for all necessary information.

The drainage hose may be extended by a maximum of 3 m (the total length of the drainage hose must not exceed 4,5 m). Any joins and connecting pipes must have an internal diameter of at least 14 mm. However, the drainage hose should ideally be replaced with a new hose without joins.

No part of the drainage hose may be more than 950 mm above the bottom of the dishwasher. The hose must not be routed directly to the floor drain or similar. In such cases, the hose can act as a siphon and empty the dishwasher.

The hose must always discharge at least 350 mm above the bottom of the machine.

Ensure that the drainage hose has no kinks.

### NOTE!

The hose must be attached at the same height as the underside of the sink.

## Connection to water supply

Use only the supply hose provided with the dishwasher. Do not re-use old hoses or other spare supply hoses.

The supply pipe must be fitted with a stopcock. The stopcock must be easily accessible, so that the water can be shut off if the dishwasher has to be moved.

Once the installation is complete, the stopcock should be opened to allow the pressure to settle for a while and to check that all connections are tight.

### Connect to cold water...

If you use oil or electricity to heat your home.

### Connect to hot water (max. 70 °C)...

If you use, for example, district heating, solar power or geothermal power to heat your home.

### NOTE!

Connecting a dishwasher to the water supply via certain types of pressure limiting valves may restrict the water supply!

This may cause the error message Water inlet fault to be displayed.

## Electrical connection

Information about the electrical connection can be found on the serial number plate. This specification must match the electricity supply.

Dishwashers fitted with a plug must be connected to an earthed socket.

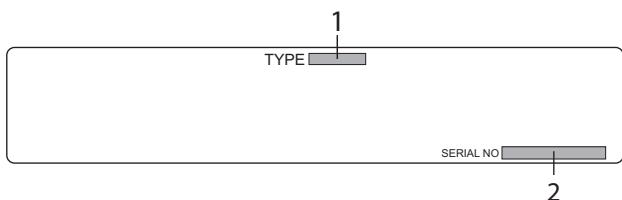
The electric wall socket must be placed outside of the installation area to be easily accessible after installing the dishwasher. Do not use an extension cord!

### NOTE!

Repairs and maintenance must be carried out by a qualified professional.

# Service

Read the chapter Troubleshooting before contacting the service division. Make a note of the information on the serial number plate on the right inside the dishwasher. Note the type number (1) and the serial number (2).



# Your notes

# Quick guide

## 1 Load the baskets

Do not rinse dishes under running water before loading them in the dishwasher. Simply scrape off large food particles before loading the dishwasher.

## 2 Add detergent

The detergent compartment has one smaller compartment for the prewash and one for the main wash.

## 3 Check that the spray arms can rotate freely

## 4 Press the main power switch

## 5 Select a program and any options

## 6 Press Start/Stop and close the door