

Service

- Contact the Authorised Service Centre to repair the appliance. We recommend only the use of original spare parts.
- When you contact the Authorised Service Centre, ensure that you have the following information that is available on the rating plate.

Model :

PNC :

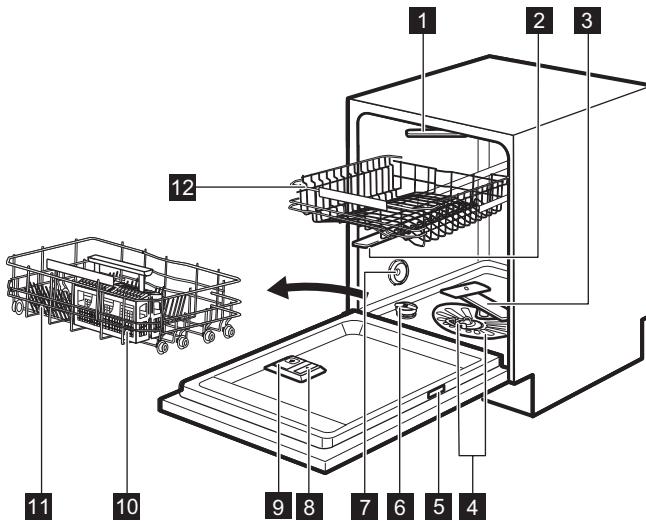
Serial Number :

Disposal

⚠ Warning! Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door catch to prevent children and pets to get closed in the appliance.

Product description



- 1** Top spray arm
- 2** Upper spray arm
- 3** Lower spray arm
- 4** Filters
- 5** Rating plate
- 6** Salt container
- 7** Air vent

- 8** Rinse aid dispenser
- 9** Detergent dispenser
- 10** Cutlery basket
- 11** Lower basket
- 12** Upper basket

Control panel








- 1** On/off button
- 2** Display
- 3** Delay button
- 4** Programme button (up)
- 5** Programme button (down)
- 6** ExtraHygiene button
- 7** DryPlus button
- 8** RESET button
- 9** Indicators

Indicators

Indicator	Description
→	End indicator.
☼	Rinse aid indicator. It is always off while the programme operates.
⊞	Salt indicator. It is always off while the programme operates.

Programmes

Programme	Degree of soil Type of load	Programme phases	Options
P1 AUTO ¹⁾	<ul style="list-style-type: none"> • All • Crockery, cutlery, pots and pans 	<ul style="list-style-type: none"> • Prewash • Wash from 45 °C to 70 °C • Rinse • Dry 	<ul style="list-style-type: none"> • ExtraHygiene • DryPlus
P2 	<ul style="list-style-type: none"> • Heavy soil • Crockery, cutlery, pots and pans 	<ul style="list-style-type: none"> • Prewash • Wash 70 °C • Rinse • Dry 	<ul style="list-style-type: none"> • ExtraHygiene • DryPlus

Programme	Degree of soil Type of load	Programme phases	Options
P3  2)	<ul style="list-style-type: none"> • Fresh soil • Crockery and cutlery 	<ul style="list-style-type: none"> • Wash 60 °C • Rinse 	<ul style="list-style-type: none"> • ExtraHygiene • DryPlus
P4 ECO 3)	<ul style="list-style-type: none"> • Normal soil • Crockery and cutlery 	<ul style="list-style-type: none"> • Prewash • Wash 50 °C • Rinse • Dry 	<ul style="list-style-type: none"> • ExtraHygiene • DryPlus
P5 	<ul style="list-style-type: none"> • Light soil • Delicate crockery and glassware 	<ul style="list-style-type: none"> • Wash 45 °C • Rinses • Dry 	<ul style="list-style-type: none"> • DryPlus
P6  4)	<ul style="list-style-type: none"> • All 	<ul style="list-style-type: none"> • Prewash 	
P7  50° 5)	<ul style="list-style-type: none"> • Normal soil • Crockery and cutlery 	<ul style="list-style-type: none"> • Prewash • Wash 50 °C • Rinse • Dry 	<ul style="list-style-type: none"> • DryPlus

1) The appliance senses the degree of soil and the quantity of items in the baskets . It automatically adjusts the temperature and the quantity of water, the energy consumption and the programme duration.



2) With this programme you can wash a load with fresh soil. It gives good washing results in a short time.




3) With this programme you have the most efficient use of water and energy consumption for crockery and cutlery with normal soil. (This is the standard programme for test institutes).

4) With this programme you can quickly rinse dishes to prevent remains of food to bond on dishes and odours to form in the appliance. Do not use detergent with this programme.

5) This is the most silent programme. The pump works at a very low speed to decrease the level of noise. Because of the low speed, the programme duration is long.

Consumption values

Programme 1)	Water (l)	Energy (kWh)	Duration (min)
P1 AUTO	7 - 14	0.6 - 1.6	40 - 170
P2 	12.5-14.5	1.4-1.7	170-190
P3 	10	0.9	41

Programme ¹⁾	Water (l)	Energy (kWh)	Duration (min)
P4 ECO	10.5	0.83	232
P5 	12 - 14	0.7 - 0.9	82-92
P6 	4	0.1	14
P7  50°	9 - 10	1.1 - 1.3	230 - 250

1) The pressure and the temperature of the water, the variations of the mains supply, the options and the quantity of dishes can change the values.



Information for test institutes

For all the necessary information for test performance, send an email to:

info.test@dishwasher-production.com

Write down the product number (PNC) that is on the rating plate.

Options

-  Desired options must be activated every time before you start a programme. It is not possible to activate or deactivate options while a programme is running.
-  Not all options are compatible with each other. If you have selected non compatible options, the appliance will automatically deactivate one or more of them. Only the indicators of the options still active will stay on.

DryPlus

Activate this option when you want to boost the drying performance. With use of this option, the duration of some programmes,


water consumption and the last rinse temperature can be affected.

The combination of DryPlus and rinse aid gives you even better drying result.

The DryPlus option is a permanent option for all programmes other than **P4** (ECO) and need not to be selected at every cycle.

Every time **P4** (ECO) is activated, DryPlus option is off and needs to be chosen manually. In other programmes, the setting of DryPlus is permanent and is automatically used in the next cycles. The setting can be changed at any time before programme starts.

How to activate DryPlus

Press .

The related indicator comes on.
If the option is not applicable to the programme, the related indicator does not come on or it flashes quickly for a few seconds and then goes off.
The display shows the updated programme duration.

ExtraHygiene

This option provides better hygiene results by keeping the temperature at 70 °C for at least 10 minutes during last rinsing phase.


How to activate ExtraHygiene

Press , the related indicator comes on.

If the option is not applicable to the selected programme, the indicator stays off. The display shows the updated programme duration.

The ExtraHygiene option is not applicable to the following programmes:

- **P5** (Glass)
- **P6** (Rinse & Hold)
- **P7** (Extra Silent)

 AutoOpen is deactivated when the programme P3 (Quick) is combined with ExtraHygiene option due to the high temperature.

Settings

Programme selection mode and user mode

When the appliance is in programme selection mode it is possible to set a programme and to enter the user mode.

In user mode, the following settings can be changed:

- The level of the water softener according to the water hardness.
- The activation or the deactivation of the acoustic signal for end of programme.
- The activation or deactivation of the rinse aid empty notification.
- The level of rinse aid according to the required dosage.
- The activation or the deactivation of AutoOpen.

These settings will be saved until you change them again.

How to set the programme selection mode

The appliance is in programme selection mode when the display shows the programme number **P4**.

When you activate the appliance, usually it is in programme selection mode. However, if this does not happen, you can set the programme selection mode in the following way:

Press and hold **RESET** until the appliance is in programme selection mode.

The water softener

The water softener removes minerals from the water supply, which would have a detrimental effect on the washing results and on the appliance.

The higher the content of these minerals, the harder your water is. Water hardness is measured in equivalent scales.

The water 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. It is important to set the right level of the water softener to assure good washing results.


Water hardness

German degrees (°dH)	French degrees (°fH)	mmol/l	Clarke degrees	Water softener level
47 - 50	84 - 90	8.4 - 9.0	58 - 63	10
43 - 46	76 - 83	7.6 - 8.3	53 - 57	9
37 - 42	65 - 75	6.5 - 7.5	46 - 52	8
29 - 36	51 - 64	5.1 - 6.4	36 - 45	7
23 - 28	40 - 50	4.0 - 5.0	28 - 35	6
19 - 22	33 - 39	3.3 - 3.9	23 - 27	5 ¹⁾
15 - 18	26 - 32	2.6 - 3.2	18 - 22	4
11 - 14	19 - 25	1.9 - 2.5	13 - 17	3
4 - 10	7 - 18	0.7 - 1.8	5 - 12	2
<4	<7	<0.7	< 5	1 ²⁾

1) Factory setting.













2) Do not use salt at this level.



Whether you use a standard detergent or multi-tabs (with or without salt), set the proper water hardness level to keep the salt refill indicator active.


-  Multi-tabs containing salt are not effective enough to soften hard water.

How to set the water softener level

The appliance must be in programme selection mode.

- To enter the user mode, press and hold simultaneously  and  until the indicators , , ,  and  flash and the display is blank.
- Press .
 - The indicators , ,  and  are off.

- The indicator  still flashes.
- The display shows the current setting: e.g.  = level 5.

- Press  repeatedly to change the setting.
- Press the on/off button to confirm the setting.

The rinse aid dispenser

The rinse aid helps to dry the dishes without streaks and stains.















The rinse aid is automatically released during the hot rinse phase.

You can set the released quantity of rinse aid between level 1 (minimum quantity) and level 6 (maximum quantity). Level 0 will deactivate the rinse aid dispenser and no rinse aid will be released.

Factory setting: level 4.

How to set the rinse aid level

The appliance must be in programme selection mode.

- To enter the user mode, press and hold simultaneously  and  until the indicators , , ,  and  start flashing and the display is blank.
- Press .
 - The indicators , ,  and  are off.
 - The indicator  continues to flash.
 - The display shows the current setting: e.g. **4A** = level 4.
 - The levels of rinse aid range from 0A to 6A where level 0A means rinse aid is not used.
- Press  repeatedly to change the setting.
- Press on/off to confirm the setting.

The rinse aid empty notification

The rinse aid helps to dry the dishes without streaks and stains.















The rinse aid is automatically released during the hot rinse phase.

When rinse aid chamber is empty, the rinse aid indicator is turned on notifying to refill rinse aid. If you are using multi-tabs containing rinse aid and you are satisfied with the drying result, you can deactivate the notification for refilling rinse aid. However, we recommend that you always use rinse aid for best drying performance.

If you use standard detergent or multi-tablets without rinse aid, activate the notification to keep the rinse aid refill indicator active.

How to deactivate the rinse aid empty notification

The appliance must be in programme selection mode.

- To enter the user mode, press and hold simultaneously  and  until the indicators , , ,  and  start flashing and the display is blank.
- Press .
 - The indicators , ,  and  are off.
 - The indicator  still flashes.
 - The display shows the current setting: **! d** = the rinse aid empty notification is activated (factory setting).
- Press  to change the setting. **0 d** = the rinse aid empty notification is deactivated.
- Press on/off to confirm the setting.

Acoustic signals

Acoustic signals sound when a malfunction of the appliance occurs. It is not possible to deactivate these acoustic signals.

There is also an acoustic signal that sounds when the programme is completed. By default, this acoustic signal is activated and it is possible to deactivate it.









In addition, an acoustic signal will sound before the AutoOpen will open the door. This acoustic signal stops only if AutoOpen is deactivated.

How to deactivate the acoustic signal for the end of programme

The appliance must be in programme selection mode.

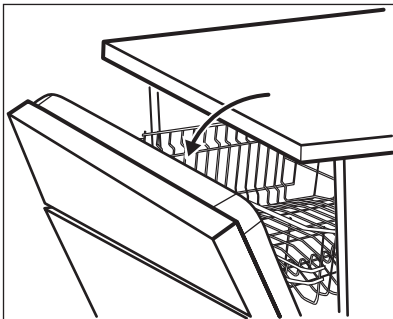
- To enter the user mode, press and hold simultaneously  and  until



the indicators , ,  and  start to flash and the display is blank.


2. Press 
 - The indicators ,  and  go off.
 - The indicator  continues to flash.
 - The display shows the current setting:
 = Acoustic signal on.
3. Press  to change the setting.
 = Acoustic signal off.
4. Press the on/off button to confirm the setting.


AutoOpen


AutoOpen improves the drying results with less energy consumption.



-  While the drying phase operates, a device opens the appliance door. The door is then kept ajar.
-  **Caution!** Do not try to close the appliance door within 2 minutes after automatic opening. This can cause damage to the appliance.

-  To avoid possible hazards inside the appliance (such as knives, sharp objects or chemicals) for children, pets or people with disabilities, deactivate the function.

















AutoOpen is automatically activated with all programmes excluding .

-  AutoOpen is deactivated when the programme P3 (Quick) is combined with ExtraHygiene option due to the high temperature.

To improve the drying performance refer to the DryPlus option or activate AutoOpen.

How to deactivate AutoOpen

The appliance must be in programme selection mode.

1. To enter the user mode, press and hold simultaneously  and  until the indicators , , ,  and  start flashing and the display is blank.
2. Press .
 - The indicators , ,  and  are off.
 - The indicator  still flashes.
 - The display shows the current setting:
 = AutoOpen activated.
3. Press  to change the setting:  = AutoOpen deactivated.
4. Press on/off to confirm the setting.

Before first use

1. Make sure that the current level of the water softener agrees with the

hardness of the water supply. If not, adjust the level of the water softener.

2. Fill the salt container.

3. Fill the rinse aid dispenser.
4. Open the water tap.
5. Start a programme to remove any processing residuals that can still be inside the appliance. Do not use detergent and do not load the baskets.

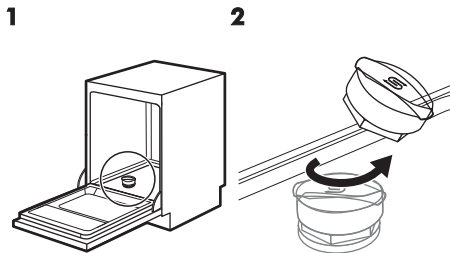
i When you start a programme, the appliance can take up to 5 minutes to recharge the resin in the water softener. It seems that the appliance is not working. The washing phase starts only after this procedure is completed. The procedure will be repeated periodically.

The salt container

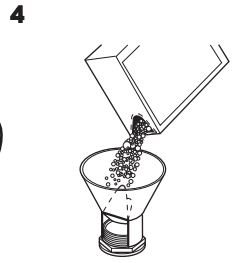
⚠ Caution! Only use salt specifically designed for dishwashers.

The salt is used to recharge the resin in the water softener and to assure good washing results in the daily use.

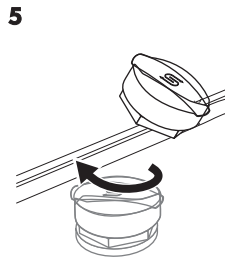
Filling the salt container



Put 1 litre of water in the salt container (only for the first time).

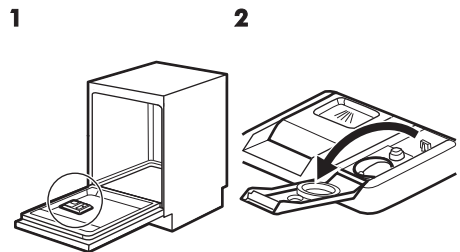


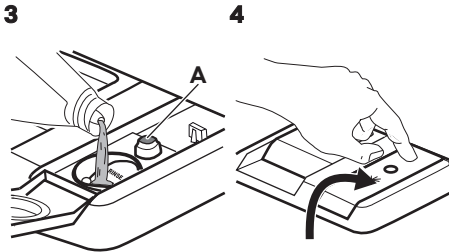
Put 1 kg of salt in the salt container.



⚠ Caution! Water and salt can come out from the salt container when you fill it. Risk of corrosion. To prevent this, after the replenishment, start a programme.

Filling the rinse aid dispenser





Fill the rinse aid dispenser until the rinse aid reaches the marking "MAX". Remove the spilled rinse aid with an absorbent cloth to prevent too much foam.

Fill the rinse aid dispenser when the indicator (A) becomes clear and the rinse aid indicator on the control panel is on.

Daily use

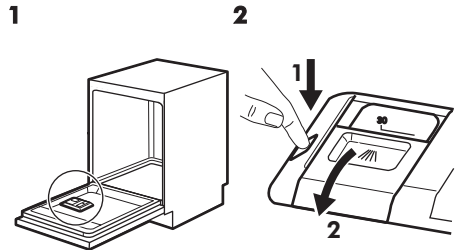
1. Open the water tap.
2. Press the on/off button to activate the appliance.

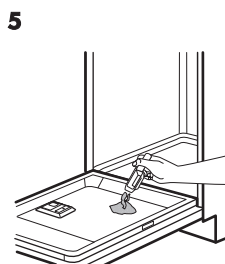
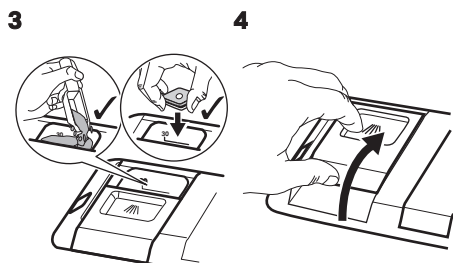
Make sure that the appliance is in programme selection mode.

- If the salt indicator is on, fill the salt container.
- If the rinse aid indicator is on, fill the rinse aid dispenser.

3. Load the baskets.
4. Add the detergent.
5. Set and start the correct programme for the type of load and the degree of soil.

Using the detergent





If the programme has a prewash phase, put a small quantity of detergent on the inner part of the appliance door.

Setting and starting a programme

The Auto Off function



This function decreases energy consumption by automatically deactivating the appliance when it is not operating.

The function comes into operation:


- 5 minutes after the completion of the programme.
- After 5 minutes if the programme has not started.

Starting a programme

⚠ Caution! Do not remove the baskets from the dishwasher before a wash cycle.

1. Keep the appliance door ajar.
2. Press the on/off button to activate the appliance. Make sure that the appliance is in programme selection mode.
3. Press  or  repeatedly until the display shows the number of the programme you want to start. The display will show the programme number for approximately 3 seconds and next the programme duration.
4. Set the applicable options.
5. Close the appliance door to start the programme.

Starting a programme with delay start

1. Set a programme.
2. Press  repeatedly until the display shows the delay time you want to set (from 1 to 24 hours).

The delay indicator comes on.


3. Close the appliance door to start the countdown.


While a countdown is running it is possible to increase the delay time but not to change the selection of the programme and options.

When the countdown is completed, the programme starts.

Opening the door while the appliance operates

If you open the door while a programme is running, the appliance stops. It may affect the energy consumption and the programme duration. When you close the door, the appliance continues from the point of interruption.

 If the door is opened for more than 30 seconds during the drying phase, the running programme will end. This will not happen if the door is opened by AutoOpen.

 **Caution!** Do not try to close the appliance door within 2 minutes after AutoOpen automatically opens it, as this may cause damage to the appliance. If, afterwards, the door is closed for another 3 minutes, the running programme ends.

Canceling the delay start while the countdown operates

When you cancel the delay start you have to set the programme and options again.

Press and hold **RESET** until the appliance is in programme selection mode.

Canceling the programme

Press and hold **RESET** until the appliance is in programme selection mode.

Make sure that there is detergent in the detergent dispenser before you start a new programme.

End of programme

When the programme is completed and you open the door, the appliance is automatically deactivated.

Close the water tap.

Hints and tips

General

The following hints will ensure optimal cleaning and drying results in daily use and also help to protect the environment.

- Remove larger residues of food from the dishes into the waste bin.
- Do not pre-rinse dishes by hand. When needed, use the prewash programme (if available) or select a programme with a prewash phase.
- Always use the whole space of the baskets.
- When loading the appliance, make sure that the dishes can be completely reached and washed by the water released from the spray arm nozzles. Make sure that items do not touch or cover each other.
- You can use dishwasher detergent, rinse aid and salt separately or you can use the multi-tablets (e.g. "3in1", "4in1", "All

in 1"). Follow the instructions written on the packaging.

- Select the programme according to the type of load and degree of soil. With the ECO programme you have the most efficient use of water and energy consumption for crockery and cutlery with normal soil.

Using salt, rinse aid and detergent

- Only use salt, rinse aid and detergent for dishwasher. Other products can cause damage to the appliance.
- In areas with hard and very hard water we recommend to use plain dishwasher detergent (powder, gel, tablets containing no additional agents), rinse aid and salt separately for optimal cleaning and drying results.
- At least once a month run the appliance with the use of appliance cleaner which is particularly suitable for this purpose.


- Detergent tablets do not fully dissolve with short programmes. To prevent detergent residues on the tableware, we recommend that you use the tablets with long programmes.
- Do not use more than the correct quantity of detergent. Refer to the instructions on the detergent packaging.

What to do if you want to stop using multi-tablets

Before you start to use separately detergent, salt and rinse aid do the following procedure.

1. Set the highest level of the water softener.
2. Make sure that the salt and rinse aid containers are full.
3. Start the shortest programme with a rinsing phase. Do not add detergent and do not load the baskets.
4. When the programme is completed, adjust the water softener according to the water hardness in your area.
5. Adjust the released quantity of rinse aid.
6. Activate the rinse aid empty notification.

Loading the baskets

 Refer to the supplied leaflet with examples of the load of the baskets.

- Only use the appliance to wash items that are dishwasher-safe.
- Do not put in the appliance items made of wood, horn, aluminium, pewter and copper.
- Do not put in the appliance items that can absorb water (sponges, household cloths).
- Remove remaining food from the items.
- Soak items with remaining burned food in water.


- Put hollow items (cups, glasses and pans) with the opening down.
- Make sure that cutlery and dishes do not bond together. Mix spoons with other cutlery.
- Make sure that glasses do not touch each other.
- Put small items in the cutlery basket.
- Put light items in the upper basket. Make sure that the items do not move.
- Make sure that the spray arm can move freely before you start a programme.

Before starting a programme


Make sure that:

- The filters are clean and correctly installed.
- The cap of the salt container is tight.
- The spray arms are not clogged.
- There is dishwasher salt and rinse aid (unless you use multi-tablets).
- The position of the items in the baskets is correct.
- The programme is applicable for the type of load and for the degree of soil.
- The correct quantity of detergent is used.

Unloading the baskets

 For better drying results keep the appliance door ajar for some minutes before you remove the dishes.

1. Let the dishes cool down before you remove them from the appliance. Hot dishes are easily damaged.
2. First remove items from the lower basket then the upper basket.

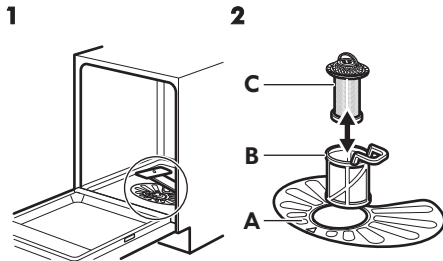
 At the end of the program water can still remain on the sides and on the door of the appliance.

Care and cleaning

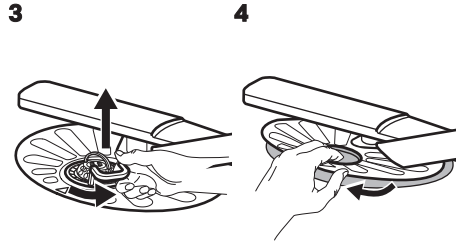
⚠ Warning! Before maintenance, deactivate the appliance and disconnect the mains plug from the main socket.

(i) Dirty filters and clogged spray arms decrease the washing results. Make a check regularly and, if necessary, clean them.

Cleaning the filters

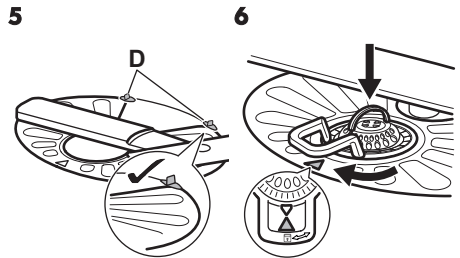


Make sure that there are no residues of food or soil in or around the edge of the sump.



To remove filters (B) and (C) turn the handle counterclockwise and remove. Pull apart filter (B) and (C). Wash the filters with water.

Remove filter (A). Wash the filter with water.

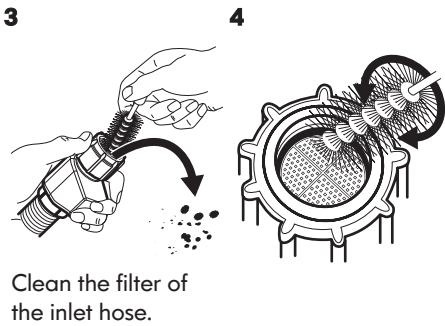
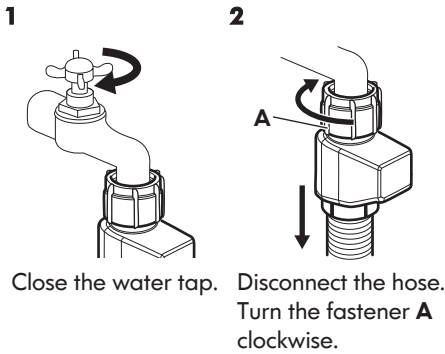


Put the flat filter (A) back in place. Make sure that it is correctly positioned under the 2 guides (D).

Assemble filters (B) and (C). Put them into position in filter (A). Turn the handle clockwise until it locks.

(i) An incorrect position of the filters can cause bad washing results and damage to the appliance

Cleaning the filter of the inlet hose

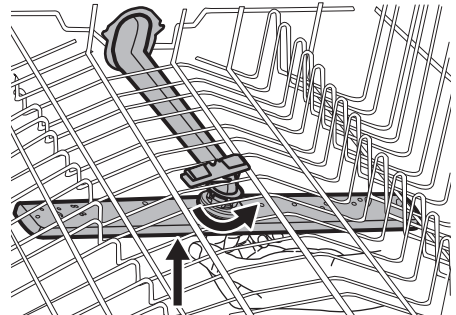
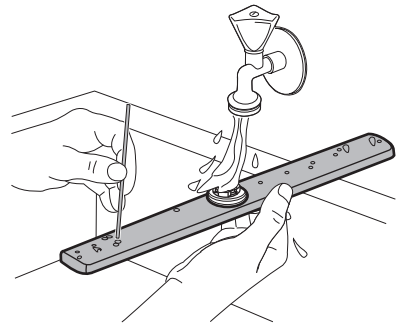
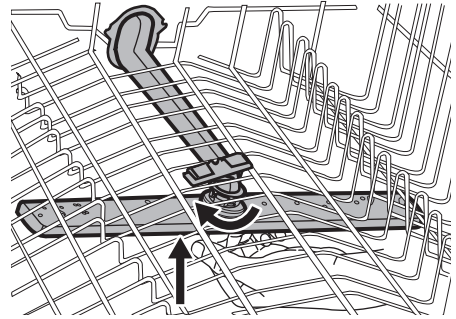


Cleaning the upper spray arm

We recommend to clean regularly the upper spray arm to avoid soil to clog the holes.

Clogged holes can cause unsatisfactory washing results.

1. Pull out the upper basket.
2. To disengage the spray arm from the basket, press the spray arm upwards in the direction indicated by the lower arrow and simultaneously turn it clockwise.



External cleaning

- Clean the appliance with a moist soft cloth.
- Only use neutral detergents.
- Do not use abrasive products, abrasive cleaning pads or solvents.

Internal cleaning

- Carefully clean the appliance, including the rubber gasket of the door, with a soft damp cloth.

- If you use short duration programmes regularly, these can leave deposits of grease and limescale inside the appliance. To prevent this, we recommend running long duration programmes at least twice a month.
- To maintain the performance of your appliance at its best, we recommend using a specific cleaning product for dishwashers (at least once a month). Follow carefully the instructions on the packaging of the product.

Troubleshooting

If the appliance does not start or it stops during operation, first check if you can solve the problem by yourself with the help of the information in the table or contact an Authorised Service Centre.



Warning! Repairs not properly done may result in serious risk to the safety of the user. Any repairs must be performed by qualified personnel.

With some problems, the display shows an alarm code.

The majority of problems that can occur can be solved without the need to contact an Authorised Service Centre.

Problem and alarm code	Possible cause and solution
You cannot activate the appliance.	<ul style="list-style-type: none"> • Make sure that the mains plug is connected to the mains socket. • Make sure that there is no damaged fuse in the fuse box.
The program does not start.	<ul style="list-style-type: none"> • Make sure that the appliance door is closed. • If the delay start is set, cancel the setting or wait for the end of the countdown. • The appliance has started the procedure to recharge the resin inside the water softener. The duration of the procedure is approximately 5 minutes.

Problem and alarm code	Possible cause and solution
<p>The appliance does not fill with water.</p> <p>The display shows <i>10</i>.</p>	<ul style="list-style-type: none"> • Make sure that the water tap is open. • Make sure that the pressure of the water supply is not too low. For this information, contact your local water authority. • Make sure that the water tap is not clogged. • Make sure that the filter in the inlet hose is not clogged. • Make sure that the inlet hose has no kinks or bends.
<p>The appliance does not drain the water.</p> <p>The display shows <i>20</i>.</p>	<ul style="list-style-type: none"> • Make sure that the sink spigot is not clogged. • Make sure that the filter in the outlet hose is not clogged. • Make sure that the interior filter system is not clogged. • Make sure that the drain hose has no kinks or bends.
<p>The anti-flood device is on.</p> <p>The display shows <i>30</i>.</p>	<ul style="list-style-type: none"> • Close the water tap and contact an Authorised Service Centre.
<p>The appliance stops and starts more times during operation.</p>	<ul style="list-style-type: none"> • It is normal. It provides optimal cleaning results and energy savings.
<p>The program lasts too long.</p>	<ul style="list-style-type: none"> • If the delayed start option is set, cancel the delay setting or wait for the end of the countdown.
<p>The remaining time in the display increases and skips nearly to the end of program time.</p>	<ul style="list-style-type: none"> • This is not a defect. The appliance is working correctly.
<p>Small leak from the appliance door.</p>	<ul style="list-style-type: none"> • The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable). • The appliance door is not centred on the tub. Adjust the rear foot (if applicable).
<p>The appliance door is difficult to close.</p>	<ul style="list-style-type: none"> • The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable). • Parts of the tableware are protruding from the baskets.
<p>Rattling/knocking sounds from inside the appliance.</p>	<ul style="list-style-type: none"> • The tableware is not properly arranged in the baskets. Refer to basket loading leaflet. • Make sure that the spray arms can rotate freely.
<p>The appliance trips the circuit-breaker.</p>	<ul style="list-style-type: none"> • The amperage is insufficient to supply simultaneously all the appliances in use. Check the socket amperage and the capacity of the meter or turn off one of the appliances in use. • Internal electrical fault of the appliance. Contact an Authorised Service Centre.

i Refer to "**Before first use**", "**Daily use**", or "**Hints and tips**" for other possible causes.

Once you have checked the appliance, deactivate and activate the appliance. If

the problem occurs again, contact an Authorised Service Centre.

For alarm codes not described in the table, contact an Authorised Service Centre.

The washing and drying results are not satisfactory

Problem	Possible cause and solution
Poor washing results.	<ul style="list-style-type: none"> • Refer to "Daily use", "Hints and tips" and basket loading leaflet. • Use more intensive washing programmes. • Clean spray arm jets and filter. Refer to "Care and Cleaning".
Poor drying results.	<ul style="list-style-type: none"> • Tableware has been left for too long inside a closed appliance. • There is no rinse aid or the dosage of rinse aid is not enough. Set the rinse aid dispenser to a higher level. • Plastic items may need to be towel dried. • For the best drying performance activate the option DryPlus and set AutoOpen. • We recommend to always use rinse aid, even in combination with multi-tablets.
There are whitish streaks or bluish layers on glasses and dishes.	<ul style="list-style-type: none"> • The release quantity of rinse aid is too much. Adjust the rinse aid level to a lower level. • The quantity of detergent is too much.
There are stains and dry water drops on glasses and dishes.	<ul style="list-style-type: none"> • The released quantity of rinse aid is not sufficient. Adjust the rinse aid level to a higher level. • The quality of the rinse aid can be the cause.
The dishes are wet.	<ul style="list-style-type: none"> • For the best drying performance activate the option DryPlus and set AutoOpen . • The programme does not have a drying phase or has a drying phase with low temperature. • The rinse aid dispenser is empty. • The quality of the rinse aid can be the cause. • The quality of the multi-tablets can be the cause. Try a different brand or activate the rinse aid dispenser and use rinse aid and multi-tablets together.
The interior of the appliance is wet.	<ul style="list-style-type: none"> • This is not a defect of the appliance. it is caused by the humidity in the air that condenses on the walls.

Problem	Possible cause and solution
Unusual foam during washing.	<ul style="list-style-type: none"> • Use the detergent for dishwashers only. • There is a leak in the rinse aid dispenser. Contact an Authorised Service Centre.
Traces of rust on cutlery.	<ul style="list-style-type: none"> • There is too much salt in the water used for washing. Refer to "The water softener". • Silver and stainless steel cutlery were placed together. Avoid to put silver and stainless steel items close together.
There are residues of detergent in the dispenser at the end of the programme.	<ul style="list-style-type: none"> • The detergent tablet got stuck in the dispenser and therefore was not completely washed away by water. • Water cannot wash away the detergent from the dispenser. Make sure that the spray arm is not blocked or clogged. • Make sure that items in the baskets do not impede the lid of the detergent dispenser from opening.
Odours inside the appliance.	<ul style="list-style-type: none"> • Refer to "Internal cleaning".
Limescale deposits on the tableware, on the tub and on the inside of the door.	<ul style="list-style-type: none"> • The level of salt is low, check the refill indicator. • The cap of the salt container is loose. • Your tap water is hard. Refer to "The water softener". • Even using multi-functional tabs use salt and set regeneration of the water softener. Refer to "The water softener". • If lime scale deposits still remain, clean the appliance with appliance cleaners which are particularly suitable for this purpose. • Try different detergent. • Contact the detergent manufacturer.
Dull, discoloured or chipped tableware.	<ul style="list-style-type: none"> • Make sure that only dishwasher-safe items are washed in the appliance. • Load and unload the basket carefully. Refer to basket loading leaflet. • Place delicate items in the upper basket.

i Refer to "**Before first use**", "**Daily use**" or "**Hints and tips**" for other possible causes.


Technical information

Dimensions	Width / height / depth (mm)	596 / 818-898 / 550
Electrical connection ¹⁾	Voltage (V)	200 - 240
	Frequency (Hz)	50 / 60
Water supply pressure	Min. / max. bar (MPa)	0.5 (0.05) / 8 (0.8)
Water supply	Cold water or hot water ²⁾	max 60 °C
Capacity	Place settings	13
Power consumption	Left-on mode (W)	5.0
Power consumption	Off-mode (W)	0.10

1) Refer to the rating plate for other values.

2) If the hot water comes from alternative source of energy, (e.g. solar panels, aeolian energy), use the hot water supply to decrease energy consumption.

ENVIRONMENTAL CONCERNS

Recycle the materials with the symbol . Put the packaging in applicable containers to recycle it. Help protect the environment and human health and to recycle waste of electrical and electronic appliances. Do not

dispose appliances marked with the symbol  with the household waste. Return the product to your local recycling facility or contact your municipal office.

IKEA GUARANTEE

How long is the IKEA guarantee valid?

This guarantee is valid for five (5) years from the original date of purchase of Your appliance at IKEA, unless the appliance is named LAGAN in which case two (2) years of guarantee apply. The original sales receipt is required as proof of purchase. If service work is carried out under guarantee, this will not extend the guarantee period for the appliance,

Which appliances are not covered by the IKEA five (5) years guarantee?

The range of appliances named LAGAN and all appliances purchased in IKEA before 1st of August 2007

Who will execute the service?

IKEA service provider will provide the service through its own service operations or authorized service partner network.

What does this guarantee cover?

The guarantee covers faults of the appliance, which have been caused by faulty construction or material faults from

the date of purchase from IKEA. This guarantee applies to domestic use only. The exceptions are specified under the headline "What is not covered under this guarantee?" Within the guarantee period, the costs to remedy the fault e.g. repairs, parts, labour and travel will be covered, provided that the appliance is accessible for repair without special expenditure. On these conditions the EU guidelines (Nr. 99/44/EG) and the respective local regulations are applicable. Replaced parts become the property of IKEA.

What will IKEA do to correct the problem?

IKEA appointed service provider will examine the product and decide, at its sole discretion, if it is covered under this guarantee. If considered covered, IKEA service provider or its authorized service partner through its own service operations, will then, at its sole discretion, either repair the defective product or replace it with the same or a comparable product.

What is not covered under this guarantee?

- Normal wear and tear.
- Deliberate or negligent damage, damage caused by failure to observe operating instructions, incorrect installation or by connection to the wrong voltage, damage caused by chemical or electro-chemical reaction, rust, corrosion or water damage including but not limited to damage caused by excessive lime in the water supply, damage caused by abnormal environmental conditions.
- Consumable parts including batteries and lamps.
- Non-functional and decorative parts which do not affect normal use of the appliance, including any scratches and possible color differences.
- Accidental damage caused by foreign objects or substances and cleaning or

unblocking of filters, drainage systems or soap drawers.

- Damage to the following parts: ceramic glass, accessories, crockery and cutlery baskets, feed and drainage pipes, seals, lamps and lamp covers, screens, knobs, casings and parts of casings. Unless such damages can be proved to have been caused by production faults.
- Cases where no fault could be found during a technician's visit.
- Repairs not carried out by our appointed service providers and/or an authorized service contractual partner or where non-original parts have been used.
- Repairs caused by installation which is faulty or not according to specification.
- The use of the appliance in a non-domestic environment i.e. professional use.
- Transportation damages. If a customer transports the product to their home or other address, IKEA is not liable for any damage that may occur during transport. However, if IKEA delivers the product to the customer's delivery address, then damage to the product that occurs during this delivery will be covered by this guarantee.
- Cost for carrying out the initial installation of the IKEA appliance. However, if an IKEA service provider or its authorized service partner repairs or replaces the appliance under the terms of this guarantee, the service provider or its authorized service partner will re-install the repaired appliance or install the replacement, if necessary.

This restriction do not apply to fault-free work carried out by a qualified specialist using our original parts in order to adapt the appliance to the technical safety specifications of another EU country.

How country law applies

The IKEA guarantee gives You specific legal rights, which covers or exceed local

demands. However these conditions do not limit in any way consumer rights described in the local legislation

Area of validity

For appliances which are purchased in one EU country and taken to another EU country, the services will be provided in the framework of the guarantee conditions normal in the new country. An obligation to carry out services in the framework of the guarantee exists only if the appliance complies and is installed in accordance with:

- the technical specifications of the country in which the guarantee claim is made;
- the Assembly Instructions and User Manual Safety Information;

The dedicated After Sales Service for IKEA appliances:

Please do not hesitate to contact IKEA After Sales Service to:

1. make a service request under this guarantee;
2. ask for clarification on installation of the IKEA appliance in the dedicated IKEA kitchen furniture. The service won't provide clarifications related to:
 - the overall IKEA kitchen installation;
 - connections to electricity (if machine comes without plug and cable), to water and to gas since they have to be executed by an authorized service engineer.
3. ask for clarification on user manual contents and specifications of the IKEA appliance.

To ensure that we provide you with the best assistance, please read carefully the Assembly Instructions and/or the User Manual section of this booklet before contacting us.

How to reach us if You need our service



Please refer to the last page of this manual for the full list of IKEA appointed contacts and relative national phone numbers.

- i** In order to provide You with a quicker service, we recommend that You use the specific phone numbers listed at the end of this manual. Always refer to the numbers listed in the booklet of the specific appliance You need an assistance for. Before calling us, assure that You have to hand the IKEA article number (8 digit code) for the appliance of which you need our assistance.

- i** **SAVE THE SALES RECEIPT!** It is Your proof of purchase and required for the guarantee to apply. Note that the receipt reports also the IKEA article name and number (8 digit code) for each of the appliances you have purchased.

Do You need extra help?

For any additional questions not related to After Sales of your appliances, please contact our nearest IKEA store call centre. We recommend you read the appliance documentation carefully before contacting us.