

Dear Customer,

Thank you for choosing this quality product from ASKO.

We hope it will meet your expectations and fulfill 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 out of your new dishwasher, we recommend that you read the operating instructions before using it. The operating instructions also include information on how you can help protect the environment.

Do you need this Use&Care Guide in spanish? Log onto www.askona.com/customer-care to download.

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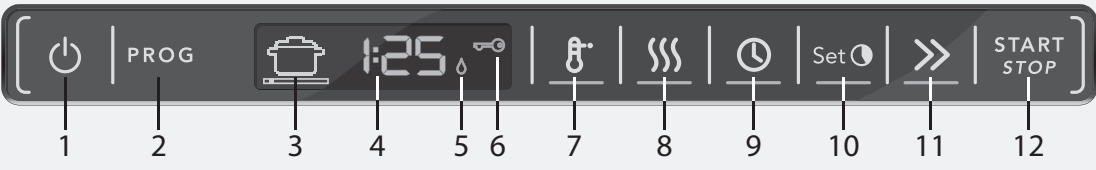
Operating Instructions

Dishwasher
ASKO D5656XXLHS

Contents

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Display panel



- | | | |
|--------------------|----------------------------|------------------------------------|
| 1 On/Left-on mode | 5 Rinse aid indicator | 9 Delayed start |
| 2 Program selector | 6 Child lock (button lock) | 10 Set time (for the Time program) |
| 3 Program symbol | 7 High temperature | 11 Time saver |
| 4 Display | 8 Long dry | 12 Start/Stop |

The display panel is fitted with touch buttons with audible feedback (see the chapter Settings).

NOTE!

- Two minutes after the last button press, the display panel backlight enters energy saving mode. Close and reopen the door, or press the On/Left-on mode button, to reactivate the display panel.

Important safety instructions

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

WARNING!

When using your dishwasher, follow basic precautions, including the following:

- Read all instructions before using the dishwasher.
- Use the dishwasher only for its intended function.
- Use only detergents or wetting agents recommended for use in a dishwasher and keep them out of the reach of children.
- When loading items to be washed:
 - locate sharp items so that they are not likely to damage the door seal, and
 - load sharp knives with the handles up to reduce the risk of cut-type injuries.
- Do not wash plastic items unless they are marked “dishwasher safe” or the equivalent. For plastic items not so marked, check the manufacturer’s recommendations.
- Do not operate the dishwasher unless all enclosure panels are properly in place.
- Do not tamper with controls.
- Do not abuse, sit on, or stand on the door or dish rack of the dishwasher.
- To reduce the risk of injury, do not allow children to play in or on a dishwasher.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for two weeks, before using the dishwasher turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- Read the grounding instructions in the installation instructions.

General

- Do not run the dishwasher while you are out of the home.
- Do not store or use combustible materials, gasoline, or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Disconnect electrical power to dishwasher before servicing.
- Repairs should be done by a qualified technician.

WARNING!

This product may contain chemicals known to the state of California to cause cancer or reproductive harm.

Child safety

TIP!

Dishwasher detergents and rinse aids are corrosive, so always keep them out of reach of children.

- Should a child swallow dishwasher detergent or rinse aid, give plenty to drink immediately, i.e., one or two glasses of milk or water. Do not try to induce vomiting. Seek medical advice immediately: Call the National Capital Poison Center at 1-800-222-1222.
- Always close the door and start the dishwasher as soon as you put in the detergent.
- Always keep small children away from the machine when it is open. There may be some detergent residue left inside the machine.
- If dishwasher detergent gets in someone’s eyes, rinse them with plenty of water for at least 15 minutes.

Activate child lock (Kid Safe™)

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

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 Customer Care Center.

Care and maintenance instructions

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

Please sort waste materials in accordance with local guidelines.

Disposal

- When the machine 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 labeled for recycling.
- Contact your municipality for information about where and how your dishwasher can be recycled correctly.

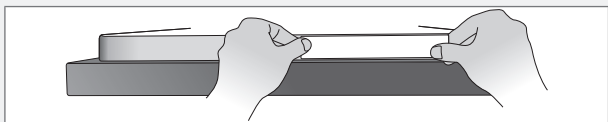
Before washing for the first time

Water supply

The machine can be connected to either a cold ¹⁾ or a hot (max. 160 °F (70 °C)) water supply. The water pressure should be 4.2-140 psi.

Program key

Some dishwashers include program keys in different languages. Attach the program key in the appropriate language to the top of the door.



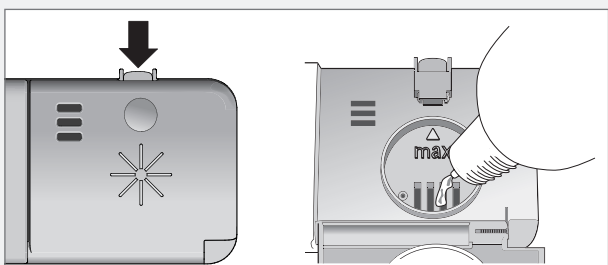
Checking water hardness

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

Fill with rinse aid

Use rinse aid to improve wash and dry times. Also use rinse aid to achieve clear and spotless results.

- 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 spilled rinse aid around the compartment.
- 4 Close the lid firmly.



Refill rinse aid indicator

When the rinse aid needs topping up, the above symbol lights on the display.

NOTE!

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

Setting the rinse aid dosage

The section Settings describes how to set rinse aid amount. The rinse aid amount can be set from **5**: 0 (Off) to **5**: 5 (High dose). (Factory settings: **5**: 5)

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.
- Heavy foaming. If you have very soft water, the rinse aid can be diluted 50:50 with water.

¹⁾ Recommended.

Loading the dishwasher

Economic dishwashing

Run programs only with a full load

Wait until the dishwasher is fully loaded before running a program, this way you save energy. Use the Rinse & Hold program to rinse the dishes if there are any unpleasant odors while you wait for the dishwasher to become fully loaded.

Run programs at a lower temperature

If the dishes are only lightly soiled, you can select a lower temperature with certain programs. See also the section Selecting Options in the chapter Using the dishwasher.

Select a program with the option 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. 160 °F (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 high temperatures, others can be damaged by dishwasher 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 they do not touch during operation. Use a short program with the lowest possible wash temperature. Select Short dry. Do not wash fragile items in the dishwasher.

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

Silver

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

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.

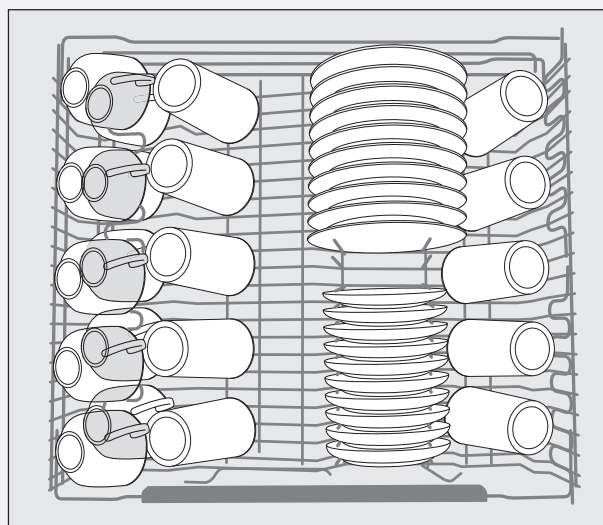
Aluminum

Aluminum can lose its shine if washed in a dishwasher. However, good quality aluminum 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.

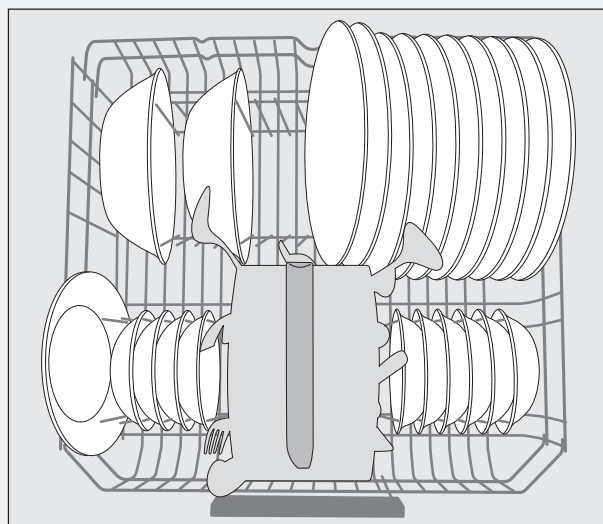
Typical load for 10 place settings



Upper basket with 10 place settings AHAM DW-1

NOTE!

Ensure the upper basket is set to its lowest position.



Lower basket with 10 place settings AHAM DW-1

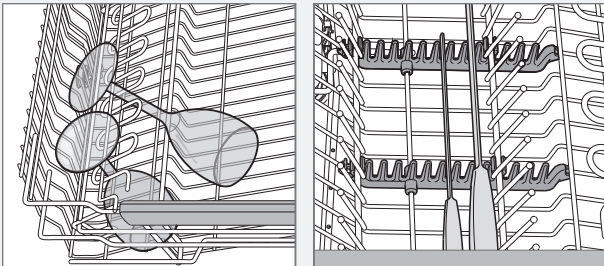
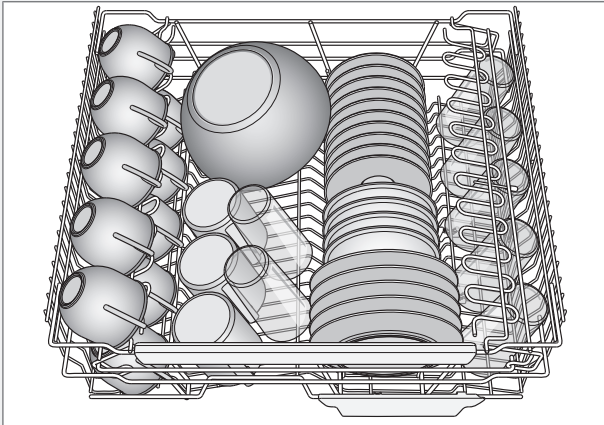
The baskets

The dishwasher includes an upper, a lower, and a cutlery basket.

The basket appearance may differ depending on the configuration.

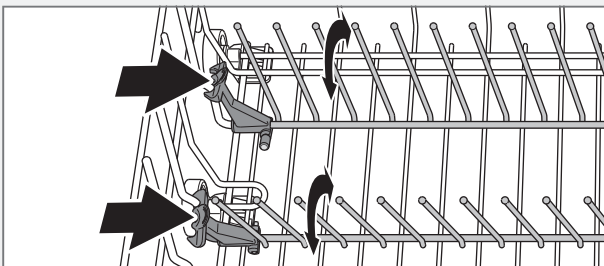
Upper basket

Place glasses, cups, bowls, side plates, and saucers in the upper basket. Place all soiled surfaces down! Place wine glasses on the wine shelf. Place knives on the knife stand, if applicable.



Foldable tines

The foldable tines can be folded up or down to make it easier to load pots, bowls, and glasses. Release the foldable tines by pressing the catch inward before adjusting their position.

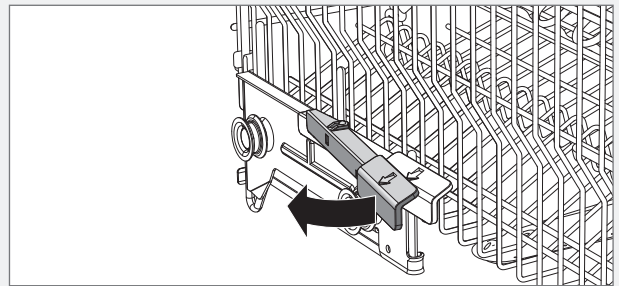


Raising the upper basket

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

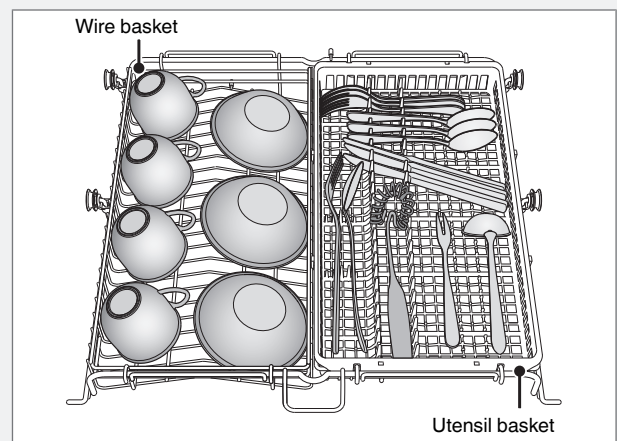
Lowering the upper basket

- 1 Pull out the upper basket.
- 2 While holding the basket, pull out the two locking handles on either side to lower the upper basket.



Middle basket

The middle basket's wire basket with spray pipes is suitable for short objects. The middle basket's utensil basket has space for ladles, whisks, serving cutlery, and similar items.



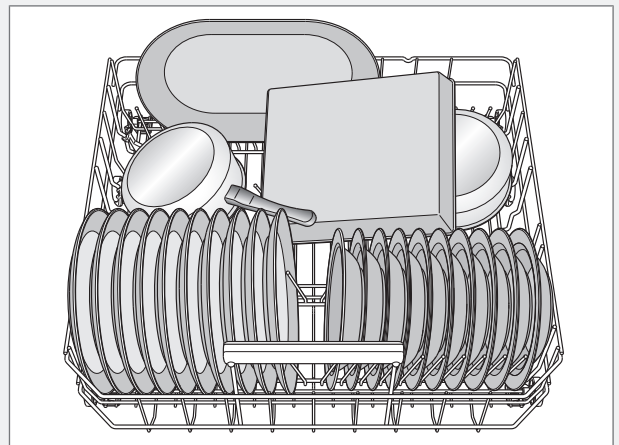
Washing larger items

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.

Lower basket

Place plates, side plates, serving dishes, pots, and cutlery (in the cutlery basket) in the lower basket.

Place pots and pans in the right rear of the lower basket for the best cleaning results from the two rear spray nozzles (WideSpray™), which are intended for these types of dishes.

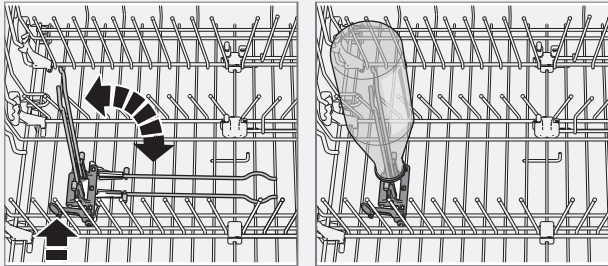


Using the dishwasher

Foldable tines

Lower the foldable tines when washing large pots. Release the foldable tines by pressing the catch inward before adjusting their position. In the rear right part of the lower basket, half of the foldable tines can be folded when washing, for example, stoneware or a large pan.

Vase and bottle holder



Washing large plates

Move adjustable tines and their mounts to widen the distance between the tine rows to adapt the lower basket to plates with a diameter greater than 9 3/4" (25 cm).

Cutlery basket

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.

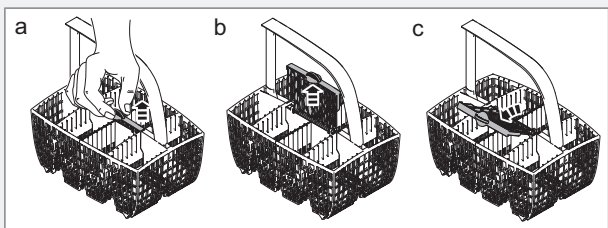
The cutlery basket is best placed in the middle at the front of the lower basket to best utilize dishwashing performance from the unique spray nozzle (Power Zone Cutlery™), which is intended for the cutlery basket.

! WARNING!

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

Fold-down section for small items

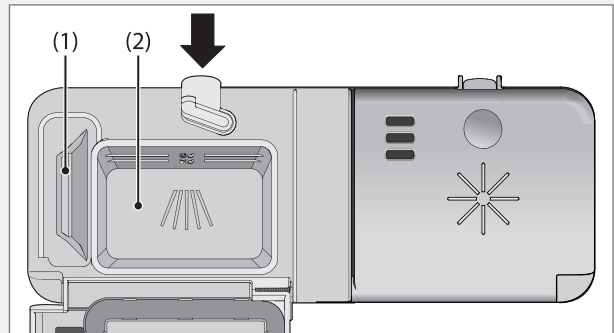
The cutlery basket has a fold-down section in the middle for small items, or small shafts, such as electric whisk attachments.



NOTE!

Check that the spray arms can rotate freely.

Add detergent



- 1 Prewash detergent compartment
- 2 Main wash detergent compartment

We recommend that you use only unscented, granular automatic dishwashing detergent. Using the wrong detergent could cause flooding and/or damage your dishwasher. Do not use detergent that has been wet and is clumped. Also, check the expiration date on the container.

The amount of detergent needed can vary due to differences in water hardness. To determine the water hardness in your area, contact your local water utility or area water softening company. The harder the water, the more detergent you may need. Refer to the chart below for the recommended detergent amounts based on water hardness. Remember, you should adjust the amount of detergent you use by small amounts until you find the correct amount. Twelve grains and higher is extremely hard water and detergent alone may not be enough. You may need to use a water softener to maximize the performance of your dishwasher. Also, in areas with hard water (9+) you may need to wash at lower temperatures to prevent hard water deposits from forming in tank and wash system. In hard water areas, both the dishes and the machine can develop a white or gray film after a while. If this happens, run the Normal wash program with high temperature and two tablespoons of citric acid or commercially available dishwasher cleaner in the detergent compartment (with no dishes in the machine).

NOTE!

We recommend that you do not add prewash detergent for the program Quick wash.

NOTE!

If you use a dishwashing detergent with a rinse aid additive, you should not fill the rinse aid dispenser. This could cause a film on your dishes.

Recommended detergent amounts based on water hardness

Water hardness	Detergent amounts
Soft (0-3 grains per gallon)	Prewash 1 teaspoon Main wash 1 to 1-1/2 tablespoons
Medium (4-8 grains per gallon)	Prewash 1 teaspoon Main wash 1 to 2 tablespoons
Hard (9+ grains*)	Prewash 1 teaspoon Main wash 2 to 3 tablespoons

*12 grains and higher is extremely hard water.

WARNING!

Children must be supervised – dishwasher detergent is corrosive!

NOTE!

Use only dishwasher detergent! Liquid hand-washing detergent 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 cannot 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.

On/Left-on mode

Press and hold the On/Left-on mode button until the display lights up.

Program selection

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



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 Lightly soiled dishes



1:30-2:00 Normally soiled dishes



2:15-3:00 Heavily soiled dishes

To set the program time, see the section Selecting Options.



Sanitation wash

A program that is able to deal with most household germs and particularly dirty dishware. This program uses a high final rinse temperature for good drying results and to kill germs.

NB: Do not load dishware that cannot withstand high wash or rinse temperatures.



Normal wash

This program is recommended for daily, regular, or typical use to completely wash a full load of normally soiled dishes, such as plates, serving dishes, cups, and glasses. No options are recommended.



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 other dishes that can withstand a Heavy wash to fill out the load.



Quick wash

This program is used for glasses and porcelain that is lightly soiled, such as coffee cups.



Hygiene wash

This program is recommended for baby bottles and cutting boards when additional sanitation is required. The temperature is high in the main and final rinse.



Delicate wash

If the dishes are only lightly soiled, 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 Short dry to be extremely cautious. See also the section Fragile dishes in Chapter Loading the dishwasher.



Eco wash

This program is most effective in terms of combined energy and water consumption.



Upper half

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



Lower half

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



Rinse & Hold

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

Selecting Options

To select an option, press one of the option buttons. The field under the button lights when the option is activated. The available options depend on the selected program. Once you have started the program, the options you selected are saved for the next time

you use the same program. An exception is the Delayed start option.



High temperature

Activate this option for improved dishwashing results. The machine then uses a higher temperature for the main wash. This option cannot be activated if the Time saver option is selected.

If you want to use the lower temperature, press again so that the field under the button turns off.

You can vary the temperature as shown below:

	Sanitation wash:	150 °F (65 °C) / 160 °F (70 °C)
	Normal wash:	124 °F (51 °C) / 150 °F (65 °C)
	Heavy wash:	140 °F (60 °C) / 150 °F (65 °C)
	Quick wash:	85 °F (30 °C) / 140 °F (60 °C)
	Delicate wash:	105 °F (40 °C) / 120 °F (50 °C)
	Eco wash:	130 °F (55 °C) / 140 °F (60 °C)
	Upper half:	130 °F (55 °C) / 150 °F (65 °C)
	Lower half:	130 °F (55 °C) / 150 °F (65 °C)



Long dry

Activate Long dry to increase final rinse temperature and dry time to improve drying results. This causes a slight increase in energy consumption. This option can be used with all programs except Time program, Hygiene wash and Rinse & Hold. This option cannot be activated if the Time saver option is selected.

If you want a program with Short dry, press again so that the field under the button turns off.



Delayed start

When you select Delayed start, the dishwasher will start 1-24 hours after you press the Start/Stop button.

- 1 Press the button once to activate Delayed start. Press the button several times – or hold it in – to set the desired number of hours.
- 2 Press Start/Stop and the dishwasher counts down 1 hour at a time and starts after the selected delay.

Press and hold Start/Stop for three seconds if you want to cancel the Delayed start option.

NOTE!

Remember to press the Start/Stop button to start the program.



Set time

Press the option button several times – or hold it in – to set the desired program time for Time program. You can choose a program time between 30 minutes and 3 hours.



Time saver

This option shortens the program time, but uses more energy and water. This option can be selected with the Sanitation wash, Normal wash, Heavy wash, Upper half, and Lower half programs.

Start the dishwasher

Press and hold Start/Stop until the display shows (the door open symbol). This indicates that the dishwasher is ready to start. Close the door properly and immediately, otherwise the dishwasher will not start. The display flashes three times with the remaining time to indicate that the program has started.

NOTE!

Close the door within four seconds, otherwise the dishwasher will not start.

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. The remaining time is updated after the water for the final rinse has been heated.

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.

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 immediately.

! WARNING!

The dishwasher door must not be open while a program is in progress. If the door is open, "000" is shown on the display. Press any button then press and hold Start/Stop for three seconds if you want to cancel a program.

If the dishwasher is turned off using the On/Left-on mode button or due to a power failure

If the dishwashing program is not finished, this is indicated by a buzzer and "000" appearing on the display when power is restored to the machine. Press any button and close the door immediately for the dishwashing program to continue.

NOTE!

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

Once the program has finished

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

At the end of the program, one short signal will sound. Chapter Settings describes how to change this function.

Once the cycle is complete, the dishwasher uses standby power only. Shut off the water supply valve after every use.

Settings

Do as follows to open the settings menu:

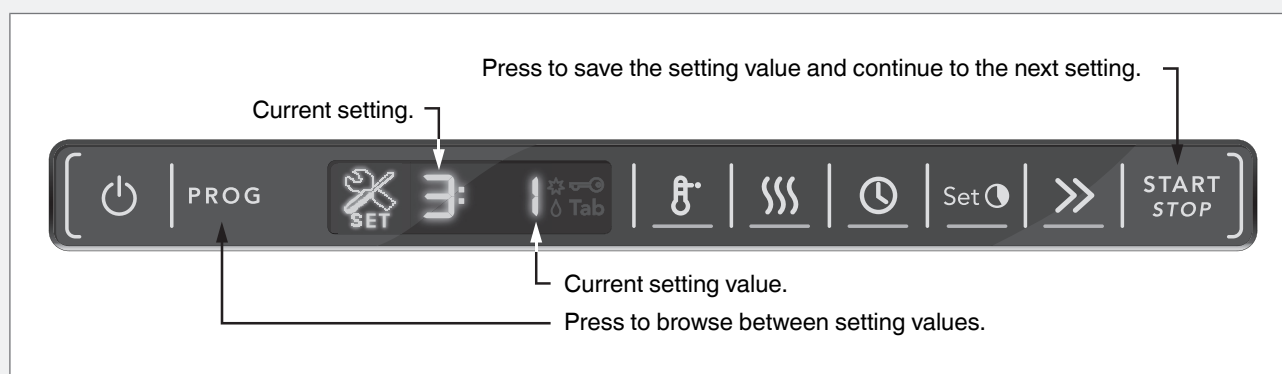


PROG +

1. First, open the door. Turn off the dishwasher using the On/Left-on mode button (press and hold). Release the button.
2. Press and hold the On/Left-on mode button until the display lights up.
3. Within five seconds, press and hold the Program selector and the Long dry button.
4. Release the buttons when the display shows SET.









TIP!

Be sure to press right on the symbols, so as not to inadvertently activate any other button. Try again if you fail to open the settings menu the first time.



You can now adjust the following settings:

Button press	Options	Settings	Description
	1: (Off) 1: (On)	Child lock (Kid Safe™)	You can activate the child lock (button lock) option to prevent children from starting the dishwasher. Press the High temperature and Long dry buttons simultaneously to temporarily deactivate the button lock when you want to start the dishwasher. The button lock is automatically reactivated after 2 minutes.
	Press Start/Stop to save the setting value and continue to the next setting. If you do not want to change any other settings, keep pressing Start/Stop to step through the entire settings menu.		
	2: (Off) 2: (Low) 2: 2 2: 3 2: 4 (High)	Buzzer volume	The dishwasher uses a buzzer to indicate when a program is finished or when a fault has occurred.
	Press Start/Stop to save the setting value and continue to the next setting.		

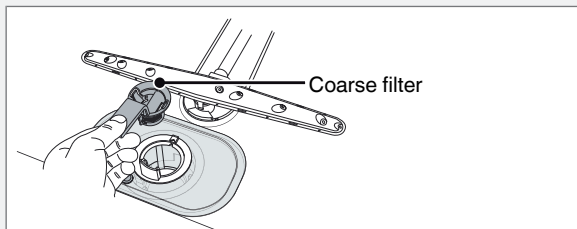
Button press	Options	Settings	Description
PROG 	3: 0 (Off)	Operation volume	This sound is used to confirm each button press.
	3: 1 (Low)		
	3: 2		
	3: 3		
	3: 4 (High)		
START STOP 	Press Start/Stop to save the setting value and continue to the next setting.		
PROG 	4:- 1	LCD contrast (Display on the front of the door)	For adjusting the contrast of the display on the front door.
	4: 0		
	4: 1		
	4: 2		
	4: 3		
START STOP 	Press Start/Stop to save the setting value and continue to the next setting.		
PROG 	5:- 1 (Low)	LCD contrast (Display on the panel)	For adjusting the contrast of the display on the panel.
	5: 0		
	5: 1		
	5: 2		
	5: 3 (High)		
START STOP 	Press Start/Stop to save the setting value and continue to the next setting.		
PROG 	6: 0 (Off)	Rinse aid	Rinse aid dosage setting.
	6: 1 (Low dosage)		
	6: 2		
	6: 3		
	6: 4		
	6: 5		
	6: 6 (High dosage)		
START STOP 	Press Start/Stop to exit the settings menu.		

Care and maintenance instructions

Coarse filter

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

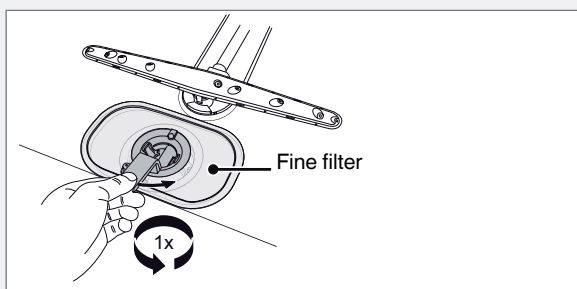
- 1 Lift the coarse filter by the handle.
- 2 Empty the coarse filter. Remember to replace it!



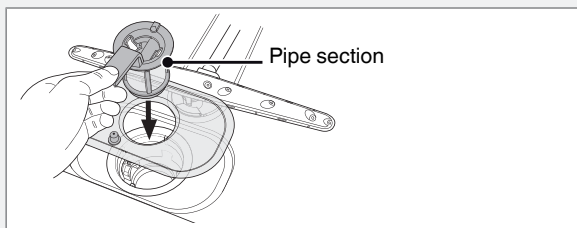
Fine filter

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.

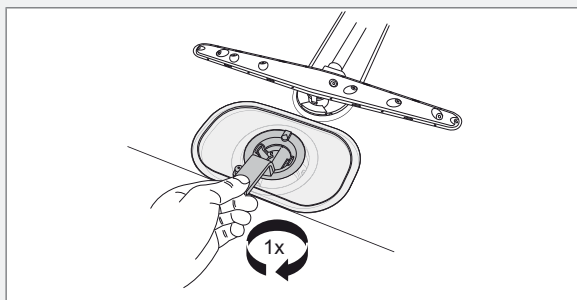
- 1 Turn the handle counterclockwise once.



- 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.



NOTE!

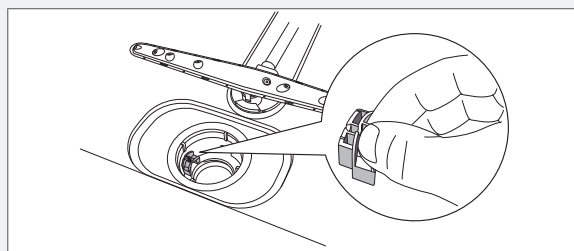
The dishwasher must not be used without the filters in place!

Dishwashing results may be affected if the coarse filter is incorrectly fitted.

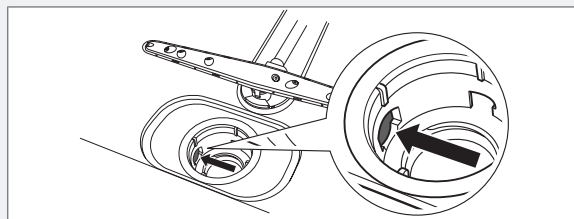
Drain pump

The pump can be accessed from inside the dishwasher.

- 1 Cut the power to the dishwasher by unplugging the unit from the power outlet.
- 2 Remove the coarse filter and pipe section.
- 3 Remove the small yellow drain pump access cover at the left of the bottom drain (see illustration below).



- 4 By inserting your finger into the hole, you can turn the pump blades to release anything blocking the pump.



- 5 Reinstall the access cover and filters.

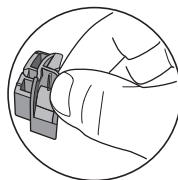
- 6 Plug the machine in again.

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

- Shut off the water.
- Unplug the unit from the power outlet.
- Call the Customer Care Center.

NOTE!

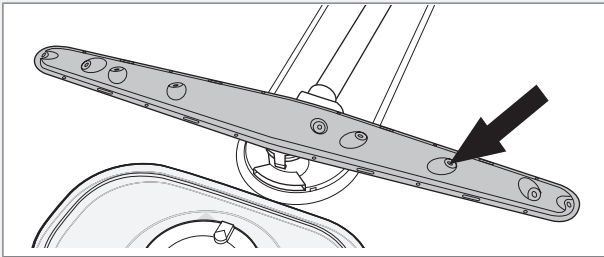
Do not forget to reinstall the drain pump access cover.



Spray arms and spray pipes

Holes and bearings can become blocked. Remove debris using a needle or similar item. The spray arms have holes on the bottom.

Spray arms can be removed for cleaning. Remember to screw them firmly back into place afterward.



Lower spray arm

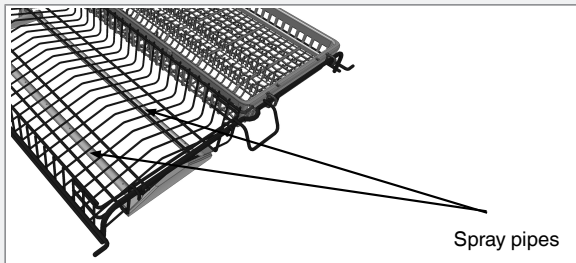
- Pull the lower spray arm straight up to release it.

Upper spray arm

- Pull out the upper basket.
- Unscrew the spray arm bearings counterclockwise to remove the spray arm from the upper basket.

The middle spray pipes

- Pull out the middle basket.
- Check the holes in the spray pipes.

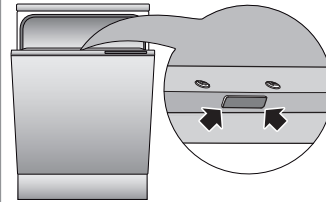


Door

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.



Limescale deposits

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 or commercially available dishwasher cleaner in the detergent compartment (with no dishes in the machine).

Display 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 On/Left-on mode button to turn off the dishwasher before cleaning the touch buttons to avoid activating any buttons unintentionally.





Troubleshooting

Display	Type of fault	Action
F: 10	Overfilling ¹⁾	Call the Customer Care Center.
F: 11	Water outlet fault ¹⁾	See "Water remains in the dishwasher above the filters" in the table below.
F: 12	Water inlet fault ¹⁾	Check that the water supply valve is on.
F:40	Inlet valve leakage ¹⁾	Turn off the water supply valve and call the Customer Care Center.

¹⁾ Turn off the machine with the On/Left-on mode button and then turn it on again to clear the error message from the display.

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.
	Detergent is too old. Detergent is a perishable product.	Avoid large packages.
	Incorrect detergent dosage.	Dose according to water hardness. Far too much or far too little detergent can result in poor dishwashing results.
	Dishwashing program too weak.	Select a higher temperature or a more powerful program.
	Dishes loaded incorrectly.	Do not cover dishes with large bowls or lids. Avoid placing very tall glasses in the corners of the baskets.
	Glasses and cups have toppled over during the program.	Load the dishes securely.
	The filter is not correctly fitted.	Screw the filter firmly into place. See the section Care and maintenance instructions.
Spots or films on the dishes.	Incorrect rinse aid dosage setting.	See the sections Before washing for the first time and Settings.
	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.
The dishes have a sticky white/blue film.	Rinse aid dosage setting too high.	Reduce the amount. See the sections Before washing for the first time and 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 types of food, such as mustard, mayonnaise, lemon, vinegar, salt, and dressings, can mark stainless steel if left for too long.	Rinse off these types of food if not starting the dishwasher immediately. Or why not run the Rinse & Hold program?
	All stainless steel can cause spots on silver if they come into contact during dishwashing. Aluminum 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.

Problem	Possible causes	Action
The dishwasher does not start.	The Start/Stop start button has been pressed for too short a time.	Press and hold Start/Stop until the display shows  (the door open symbol). This indicates that the dishwasher is ready to start.
	The door is not closed properly or was not closed immediately after pressing the Start/Stop button.	Close the door within four seconds, otherwise the dishwasher will not start.
	A fuse/circuit breaker has been tripped.	Check.
	The plug is not plugged into the power outlet.	Check.
	The water supply valve is turned off.	Check.
	Overflow/leaks.	Check.
	A whirring sound (the drain pump) is heard from the dishwasher and does not stop when the power is cut with the On/Left-on mode button.	Turn off the water supply valve. Pull out the plug and call the Customer Care Center.
	Check that the Delayed start option has not been selected.	Press and hold Start/Stop for three seconds if you want to cancel the Delayed start option.
1 minute appears on the display.	The program is taking longer than estimated.	None. Next time the program is run, the corrected time will be displayed.
"000" is shown on the display.	The dishwasher has been switched off using the On/Left-on mode button or due to a power failure.	Press any button and close the door immediately for the dishwashing program to continue.
	The dishwasher door is open or has been opened while a program is in progress.	If you want the dishwashing program to continue, press any button and close the door immediately. If you want to cancel the dishwashing program, press any button then press and hold Start/Stop for three seconds.
Water remains in the dishwasher above the filters.	Blocked drain hose.	Loosen the drain hose from where it terminates. Check that no debris has clogged the hose. Is the cone-shaped part of the drain boot cut to the maximum size of the fitting where it attaches?
	Kink in drain hose.	Check that the hose is free from kinks and sharp bends.
	The filters are blocked.	Clean the coarse and fine filters.
	Debris in the drain pump.	Clean the drain pump. See the section Care and maintenance instructions.
Bad odor in dishwasher.	Dirt around the seals and in corners.	Clean with dish brush and low foaming cleaner.
	Low temperature programs have been selected for a prolonged period.	Run a program with a higher temperature about once a month.

Problem	Possible causes	Action
The dishes are not dry enough.	Drying power too low.	Activate the Long dry option.
	The dishwasher is not fully loaded.	Fully load the dishwasher.
	Rinse aid needs topping up or dosage is set too low.	Top up with rinse add or increase the rinse aid dosage. See the sections Before washing for the first time and Settings.
		Open the door a little once the program has finished.
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.
	 If this symbol appears on the display, the door is not open enough.	Open the door until the display illuminates or close the door and wait 30 seconds. Then open the door.
	Child lock (button lock) activated.	See the section Settings.



Technical information

Technical data

Height: 34-3/8" - 36-1/2" (873-927 mm)

Width: 24" (610 mm)

Depth: 22-7/8" (581 mm)

Weight: 110 lb (50 kg) ¹⁾

Water pressure: 4.2–140 psi

Electrical connection: See serial number plate

Rated power: See serial number plate

¹⁾ *Weight can vary due to different specifications.*

Service

Limited Warranty – Residential Appliances

ASKO Distribution North America, LLC. ("ASKO") warrants to the original purchaser (the "ASKO Customer") of the ASKO product (the "ASKO Product"), who purchased the ASKO Product from a distributor, dealer, manufacturer's representative or other seller who has been authorized by ASKO, that this ASKO Product is free of defects in materials and/or workmanship, subject to the terms and conditions set forth herein. This Limited Warranty covers parts and labor, except as set forth in this Limited Warranty. Service must be provided by an authorized ASKO service company. YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. This Limited Warranty is valid only when the ASKO Product is used in the country in which it was purchased. Proof of original purchase date is required to obtain service under this Limited Warranty.

Residential ASKO Products Used Exclusively for Household/Personal Purposes:

Two (2) Years limited Warranty – Any warranty service claims for residential ASKO Products must be filed with ASKO within two (2) years from date of purchase. Service will be provided during normal business hours.

Residential ASKO Products Not Used Exclusively for Household/Personal Purposes or used Commercially or used in Marine, Mobile or Aeronautical Applications:

One (1) Year limited Warranty – Any warranty service claims for ASKO Products not used exclusively for household and personal use, or used commercially or used in marine, mobile, or aeronautical applications must be filed with ASKO within one (1) year from date of purchase. Service will be provided during normal business hours.

Items excluded from warranty

This limited warranty does not cover:

- 1 Replacement parts or repair labor if the ASKO Product is used in a manner that is inconsistent with published user or operator instructions and/or installation instructions.
- 2 Service calls to correct the installation of the ASKO Product, to instruct you on how to use the ASKO Product, to replace or repair house fuses, or to correct house wiring or plumbing.
- 3 Consumable items and parts, such as filters.
- 4 Damage resulting from accident, alteration, misuse, abuse, negligence, fire, flood, acts of God, improper use, improper installation, installation not in accordance with electrical or plumbing codes, or use of products not approved by ASKO, as well as any attempted repair by other than authorized ASKO service companies.
- 5 Cosmetic damage, including scratches, dents, chips or other damage to the finish of the ASKO Product, unless such damage results from defects in materials or workmanship and is reported to ASKO within 5 days from date of purchase.
- 6 Pickup and delivery. The ASKO Product is intended to be repaired in your home.
- 7 Repairs to parts or systems resulting from unauthorized modifications made to the ASKO Product.
- 8 Expenses for travel and transportation for product service if the ASKO Product is located in a remote area where service by an authorized ASKO service company is not available.
- 9 The removal and reinstallation of the ASKO Product if it is installed in an inaccessible location or is not installed in accordance with ASKO's published installation instructions.

- 10 Replacement parts or repair labor on ASKO Products with original model/serial numbers that have been removed, altered or cannot be easily determined.

Disclaimer

YOUR SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR AS PROVIDED HEREIN. EXPRESSLY DISCLAIMED ARE ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow exclusion or limitations regarding warranty rights. This Limited Warranty gives you specific legal rights and you may have other rights that vary from jurisdiction to jurisdiction. Attempted repair by any person other than an authorized ASKO service company will void this Limited Warranty.

Limitation of liability

IN NO EVENT SHALL ASKO OR THE MANUFACTURER AND THEIR RESPECTIVE PARENTS, SUBSIDIARIES AND AFFILIATES BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR SPECIAL DAMAGES. IN NO EVENT SHALL ASKO OR THE MANUFACTURER AND THEIR RESPECTIVE PARENTS, SUBSIDIARIES AND AFFILIATES BE LIABLE FOR DAMAGES OTHER THAN ACTUAL DAMAGES AND IN NO EVENT FOR DAMAGES IN EXCESS OF THE PRICE PAID FOR THE ASKO PRODUCT AS TO WHICH A CLAIM IS MADE. Some jurisdictions do not allow the exclusion or limitation of incidental, consequential or other damages, so these limitations and exclusions may not apply to you. This Limited Warranty gives you specific legal rights. You also may have other rights that vary from jurisdiction to jurisdiction.

Troubleshooting & ASKO Customer Care

If you think you need repair service, first see the Troubleshooting section of the Use & Care Guide. If you are unable to resolve the problem after checking Troubleshooting, then additional help can be obtained by calling ASKO Customer Care at 1-800-898-1879.

Read chapter Troubleshooting before contacting the Customer Care Center. Make a note of the details on the serial number plate positioned on the right inside the dishwasher. Make a note of the service number (1), item number (2) and serial number (3).



Service after expiration of limited warranty

For information about obtaining parts and labor after expiration of this Limited Warranty or arising outside the scope of this Limited Warranty, please contact ASKO Customer Care at 1-800-898-1879. After your purchase and prior to first use of the ASKO Product, register your ASKO Product with ASKO by utilizing the address information below. Should you need further assistance as well, contact us at the address information below:

ASKO Distribution North America, LLC
Customer Care Center, PO Box 44848, MADISON WI 53744

Program chart

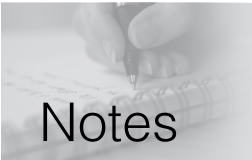
Program	Options	Prewashes	Main wash (°F)	Number of rinses	Final rinse temperature (°F)	Consumption values ¹⁾					Water consumption (gallon)
						Cold water ²⁾		Hot water ³⁾			
						Dishwashing time (approx. hrs:min)	Energy (approx. kWh)	Dishwashing time (approx. hrs:min)	Energy (approx. kWh)		
Time program		0-2	max. 150 °F	2-3	max. 150 °F	0:15-2:30	0.5-1.6	0:15-2:30	0.4-1.2	2.9- 5.0	
Sanitation wash		2	150 °F	2	150 °F	3:15	1.5	3:00	0.9	4.7	
Normal wash ⁴⁾		1	124 °F	2	117 °F	2:20	0.8	2:00	0.4	3.8	
Heavy wash		2	140 °F	2	150 °F	2:25	1.3	2:10	0.7	3.2	
Quick wash			85 °F	2	85 °F	0:20	0.2	0:20	0.1	2.6	
Hyg Hygiene wash			160 °F	2	160 °F	1:20	1.5	0:50	0.9	2.6	
Delicate wash	1		105 °F	2	120 °F	1:50	0.9	1:35	0.5	3.7	
Eco Eco wash			130 °F	2	120 °F	2:30	0.8	2:15	0.5	2.9	
Upper half	1		130 °F	2	140 °F	2:25	1.2	2:05	0.6	3.7	
Lower half	1		130 °F	2	140 °F	2:25	1.2	2:05	0.6	3.7	
Rinse & Hold				1	--- °F	0:06	0.01	0:06	0.01	0.8	

¹⁾ Consumption values vary depending on the water supply temperature, the ambient temperature, the size of the load, the selected options, and more.

²⁾ Connection to cold water, approx. 50 °F (10 °C). (A cold water supply is recommended.)

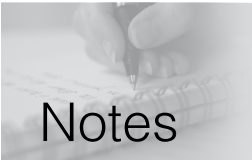
³⁾ Connection to hot water, approx. 120 °F (50 °C).

⁴⁾ Energy label information is based on this program. This program is recommended for daily, regular, or typical use to completely wash a full load of normally soiled dishes, such as plates, serving dishes, cups, and glasses. No options are recommended.



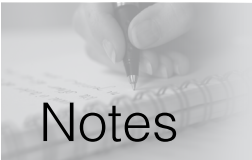
Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Notes

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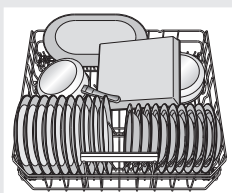


Notes

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Quick guide

1.

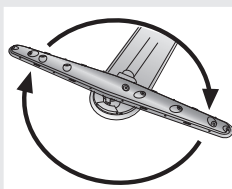


Load the baskets

(See page 5.)

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

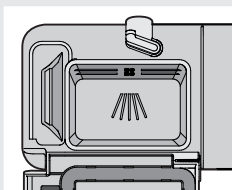
2.



Check that the spray arms can rotate freely

Check also that the water supply valve is on.

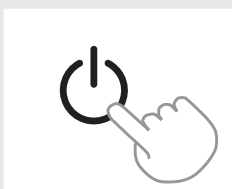
3.



Add detergent

The detergent compartment has a small compartment for prewash and a large compartment for the main wash. (See page 7.)

4.




Press and hold the On/Left-on button until the display illuminates

5.



Check/Add rinse aid

Fill rinse aid for optimal washing and drying results. (See page 4.)

 Refill rinse aid indicator.

6.



Select a program and any options

(See page 8.)

7.



Press and hold Start/Stop, close the door

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