DAILY REFERENCE GUIDE

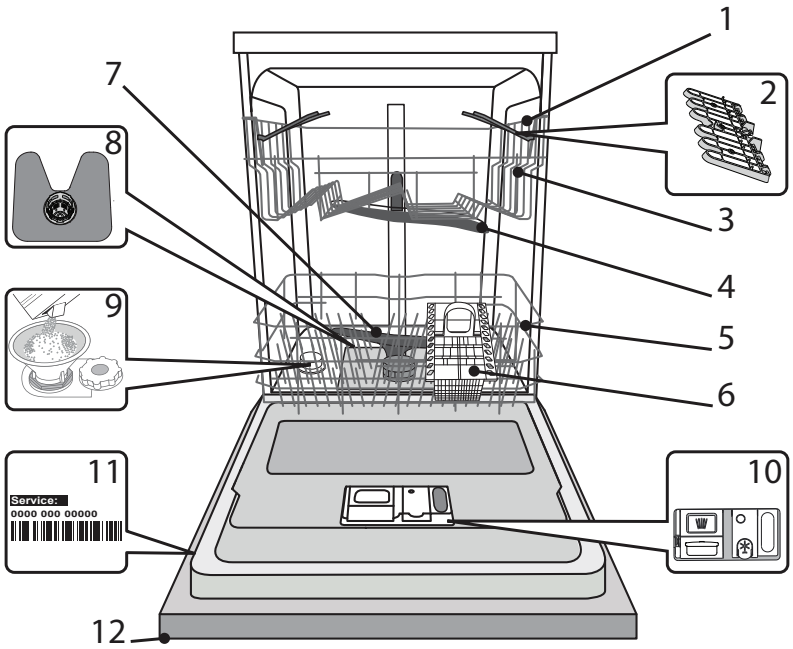
THANK YOU FOR BUYING A WHIRLPOOL PRODUCT.
In order to receive a more complete assistance, please register your appliance on: **www.whirlpool.eu/register**

You can download the Safety Instructions and the User Manual, by visiting our website **docs.whirlpool.eu** and following the Instructions on the back of this booklet.

Before using the appliance carefully read Safety Instructions.

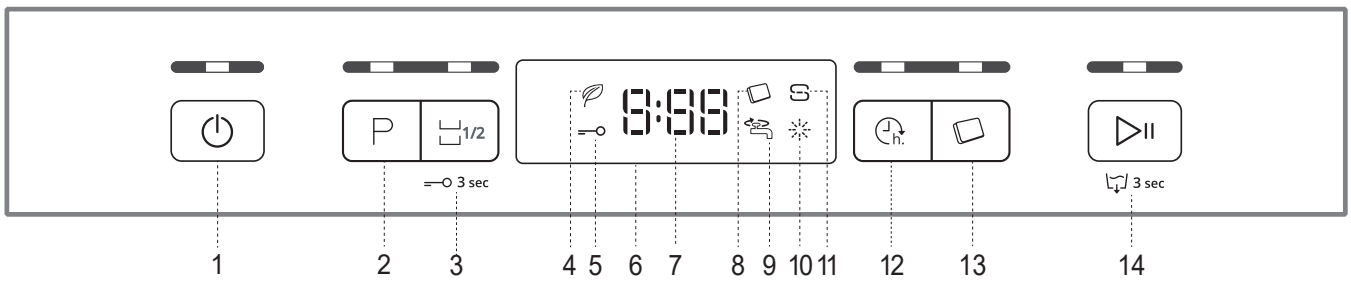
PRODUCT DESCRIPTION

APPLIANCE



1. Upper rack
2. Foldable flaps
3. Upper rack height adjuster
4. Upper spray arm
5. Lower rack
6. Cutlery basket
7. Lower spray arm
8. Filter Assembly
9. Salt reservoir
10. Detergent and Rinse Aid dispensers
11. Rating plate
12. Control panel

CONTROL PANEL



1. On-Off/Reset button with indicator light
2. Program selection button with indicator light
3. Half Load button with indicator light / Keylock
4. Eco program indicator light
5. Keylock indicator light
6. Display
7. Program number and remaining time indicator
8. Tablet (Tab) indicator light
9. Closed water tap indicator light
10. Rinse Aid refill indicator light
11. Salt refill indicator light
12. Delay button with indicator light
13. Tablet (Tab) button with indicator light
14. Start/Pause button with indicator light / Drain out

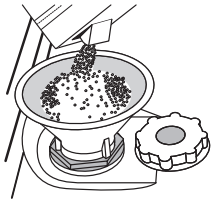
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FIRST TIME USE
SALT, RINSE AID AND DETERGENT

ADVICE REGARDING THE FIRST TIME USE
After installation, remove the stoppers from the racks and the retaining elastic elements from the upper rack.

FILLING THE SALT RESERVOIR
The use of salt prevents the formation of LIMESCALE on the dishes and on the machine's functional components.
- It is mandatory that **THE SALT RESERVOIR NEVER BE EMPTY.**
- It is important to set the water hardness.

The salt reservoir is located in the lower part of the dishwasher *(see PRODUCT DESCRIPTION)* and must be filled when the **SALT REFILL indicator light** in the control panel is lit.



1. Remove the lower rack and unscrew the reservoir cap (anticlockwise).
2. **Only the first time you do this: fill the salt reservoir with water.**
3. Position the funnel *(see figure)* and fill the salt reservoir right up to its edge (approximately 1 kg); it is not unusual for a little water to leak out.
4. Remove the funnel and wipe any salt residue away from the opening.

Make sure the cap is screwed on tightly, so that no detergent can get into the container during the wash program (this could damage the water softener beyond repair).
Whenever you need to add salt, it is mandatory to complete the procedure before the beginning of the washing cycle to avoid corrosion.

SETTING THE WATER HARDNESS
To allow the water softener to work in a perfect way, it is essential that the water hardness setting is based on the actual water hardness in your house. This information can be obtained from your local water supplier.
The factory sets the default value for the water hardness.
- Switch on the appliance by pressing the **ON/OFF** button.
- Switch off the appliance by pressing the **ON/OFF** button.
- Hold down button **START/Pause** for 5 seconds, until you hear a beep.
- Switch on the appliance by pressing the **ON/OFF** button.
- The current selection level number and the salt indicator light both flash.
- Press button **P** to select the desired hardness level (*see WATER HARDNESS TABLE*).

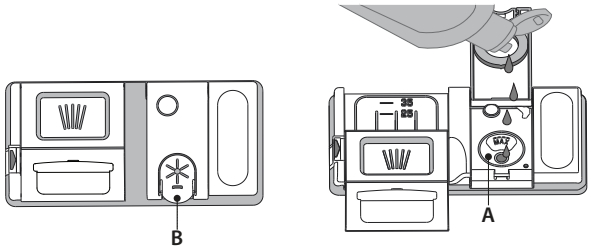
Water Hardness Table				
Level		°dH German degrees	°fH French degrees	°Clark English degrees
1	Soft	0 - 6	0 - 10	0 - 7
2	Medium	7 - 11	11 - 20	8 - 14
3	Average	12 - 16	21 - 29	15 - 20
4	Hard	17 - 34	30 - 60	21 - 42
5	Very hard	35 - 50	61 - 90	43 - 62

- Switch off the appliance by pressing the **ON/OFF** button.

Setting is complete!

As soon as this procedure is complete, run a program without loading.
Only use salt that has been specifically designed for dishwashers.
After the salt has been poured into the machine, the SALT REFILL indicator light switches off.
If the salt container is not filled, the water softener and the heating element may be damaged as a result of limescale accumulation.
Using of Salt is recommended with any type of dishwasher detergent.

FILLING THE RINSE AID DISPENSER
Rinse aid makes dish DRYING easier. The rinse aid dispenser **A** should be filled when the **RINSE AID REFILL indicator light** in the control panel is lit.



1. Open the dispenser **B** by pressing and pulling up the tab on the lid.
2. Pour in the rinse aid (max.110 ml), making sure it does not overflow from the dispenser. If this happens, clean the spill immediately with a dry cloth.
3. Press the lid down until you hear a click to close it.

NEVER pour the rinse aid directly into the appliance tub.

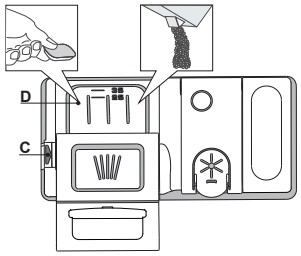
ADJUSTING THE DOSAGE OF RINSE AID
If you are not completely satisfied with the drying results, you can adjust the quantity of rinse aid used.
- Switch the dishwasher on using the **ON/OFF** button.
- Switch it off using the **ON/OFF** button.
- Press button **START/Pause** three times - a beep will be heard.
- Switch it on using the **ON/OFF** button.
- The current selection level number and rinse aid indicator light flash.
- Press button **P** to select the level of rinse aid quantity to be supplied.
- Switch it off using the **ON/OFF** button

Setting is complete!

If the rinse aid level is set to 1, no rinse aid will be supplied. The LOW RINSE AID indicator light will not be lit if you run out of rinse aid.

A maximum of 5 levels can be set according to the dishwasher model. The factory setting is specific to the model, please follow instruction above to check this for your machine.
- If you see bluish streaks on the dishes, set a low number (2-3).
- If there are drops of water or limescale marks on the dishes, set a mid-range number (4-5).

FILLING THE DETERGENT DISPENSER
To open the detergent dispenser use the opening device C.
Introduce the detergent into the dry dispenser D only. Place the amount of detergent for pre-washing directly inside the tub.



1. When measuring out the detergent refer to the mentioned earlier information to add the proper quantity. Inside the dispenser **D** there are indications to help the detergent dosing.
2. Remove detergent residues from the edges of the dispenser and close the cover until it clicks.
3. Close the lid of the detergent dispenser by pulling it up until the closing device is secured in place.

The detergent dispenser automatically opens up at the right time according to the program.
If all-in-one detergents are used, we recommend using the **TABLET** button, because it adjusts the program so that the best washing and drying results are always achieved.
Usage of detergent not designed for dishwashers may cause malfunction or damage to the appliance.

PROGRAMS TABLE

Program			Drying phase	Available options *)	Duration of wash program (h:min)**)	Water consumption (litres/cycle)	Energy consumption (kWh/cycle)
1. Eco	Eco	50°	√	1/2	3:35	9.5	0.95
2. Intensive		65°	√	1/2	2:40	18.0	1.60
3. 6th Sense®	6th sense	55°	√	1/2	2:10-2:20	15.5-16.5	1.30-1.50
4. Fast Wash&Dry		50°	√	1/2	1:30	11.5	1.30
5. Rapid 28'		50°	-		0:28	9.0	0.50
6. Silent		50°	√	1/2	3:35	16.6	1.30
7. Sanitizing		65°	√		2:00	12.0	1.50
8. Pre-Wash		-	-	1/2	0:12	4.7	0.01
9. Self-Clean		65°	-		0:50	10.0	0.80

ECO program data is measured under laboratory conditions according to European Standard EN 60436:2020.

Note for Test Laboratories:
For information on comparative EN testing conditions, please send an email to the following address: dw_test_support@whirlpool.com

Pre-treatment of the dishes is not needed before any of the programs.

**) Not all options can be used simultaneously.*

***) Values given for programs other than the program Eco are indicative only. The actual time may vary depending on many factors such as temperature and pressure of the incoming water, room temperature, amount of detergent, quantity and type of load, load balancing, additional selected options and sensor calibration. The sensor calibration can increase program duration up to 20 min.*

PROGRAMS DESCRIPTION

Instructions on wash cycle selection.

1 ECO
Eco programme is suitable to clean normally soiled tableware, that for this use, it is the most efficient programme in terms of its combined energy and water consumption, and that it is used to assess compliance with the EU Ecodesign legislation.

2 INTENSIVE
Program recommended for heavily soiled crockery, especially suitable for pans and saucepans (not to be used for delicate items).

3 6th SENSE®
For normally soiled dishes with dried food residues. Senses the level of soiling on the dishes and adjusts the program accordingly. When the sensor is detecting the soil level an animation appears in the display and the cycle duration is updated.

4 FAST WASH&DRY
Normally soiled crockery. Everyday cycle, that ensures optimal cleaning and drying performance in shorter time.

5 RAPID 28'
Program to be used for half load of lightly-soiled dishes with no dried food residues. Does not include drying phase.

6 SILENT
Suitable for night-time operation of the appliance. Ensures optimal cleaning and drying performance with the lowest noise emission.

7 SANITIZING
Normally or heavily soiled crockery, with additional antibacterial wash. Can be used to perform maintenance of the dishwasher.

8 PRE-WASH
Use to refresh crockery planned to be washed later. No detergent to be used with this program.

9 SELF-CLEAN
Program to be used to perform maintenance of the dishwasher, to be carried out only when the dishwasher is EMPTY using specific detergents designed for dishwasher maintenance.

Notes:
Please note that cycle *Rapid 28'* is dedicated for lightly soiled dishes.

OPTIONS AND FUNCTIONS

OPTIONS can be selected directly by pressing the corresponding button *(see CONTROL PANEL)*.

If an option is not compatible with the selected program *see PROGRAMS TABLE*, **the corresponding LED flashes rapidly 3 times and beeps will sound. The option will not be enabled.**

HALF LOAD

If there are not many dishes to be washed, a half load cycle may be used in order to save water, electricity and detergent. Select the program and press the HALF LOAD button: the indicator light will light up. Press the HALF LOAD button to deselect this option.

Remember to halve the amount of detergent.

KEYLOCK

A long press (for 3 seconds) of HALF LOAD button, will activate the KEYLOCK function. The KEYLOCK function will block the control panel except the ON/OFF button. To deactivate the KEYLOCK, long press again.

WATER TAP CLOSED – Alarm

Flashes when there is no inlet water or water tap is closed.

DELAY

The start of the program may be delayed for a period of time between **0:30** and **24** hours.

1. Select the program and any desired options. Press the DELAY button (repeatedly) to delay the start of the program. Adjustable from 0:30 to 24 hours. With each press of the button, the delay start increases by: 0:30 if selection below 4 hours, 1:00 if selection is below 12 hours, 4 hours if selection is above 12 hours. If 24 hours reached, and the button is pressed, the delayed start is deactivated.
2. Press the START/PAUSE button: the timer will begin counting down;
3. Once this time has elapsed, the indicator light switches off and the program begins automatically.

If at the time of the countdown the START/PAUSE button is pressed again the DELAY option is cancelled and the selected program starts automatically.

The DELAY function cannot be set once a program has been started.

TABLET (Tab)

This setting allows you to optimize the performance of the program according to the type of detergent used.

Press the TABLET button (the indicator over the button lights up, the corresponding symbol will light up) if you use combined detergents in tablet form (rinse aid, salt and detergent in 1 dose).

If you use powder or liquid detergent, this option should be off.

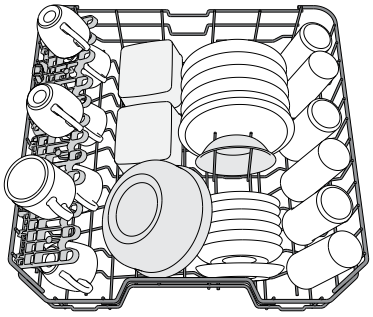
DRAIN OUT

To stop and cancel the active cycle, the DRAIN OUT function can be used.

A long press of START/PAUSE button, will activate the DRAIN OUT function. The active program will be stopped and the water in the dishwasher will be drained out.

LOADING THE RACKS

UPPER RACK



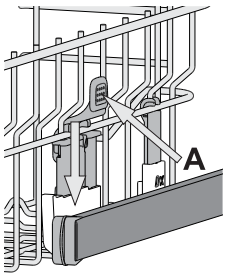
Load delicate and light dishes: glasses, cups, saucers, low salad bowls.

(loading example for the upper rack)

ADJUSTING THE HEIGHT OF THE UPPER RACK

The height of the upper basket can be adjusted: high position to place bulky crockery in the lower basket and low position to make the most of the tip-up compartments by creating more space upwards.

The upper rack is equipped with a **Upper Rack height adjuster** (see figure), without pressing the levers, lift it up by simply holding the rack sides, as soon as the rack is stable in its upper position. To restore to the lower position, press the levers (**A**) at the sides of the rack and move the basket downwards.

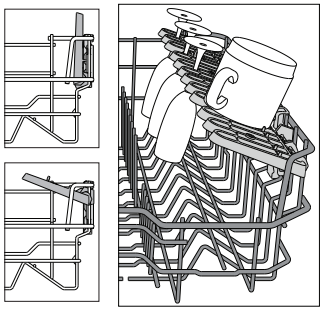


We strongly recommend that you do not adjust the height of the rack when it is loaded.

NEVER raise or lower the basket on one side only.

FOLDABLE FLAPS WITH ADJUSTABLE POSITION

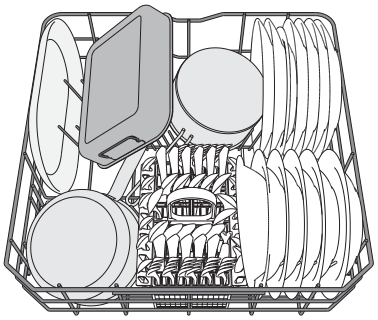
The side foldable flaps can be fold or unfold to optimize the arrangement of crockery inside the rack.
Wine glasses can be placed safely in the foldable flaps by inserting the stem of each glass into the corresponding slots.
Depending on the model:



- to unfold the flaps there is needed to slide it up and rotate or release it from the snaps and pull it down.
- to fold the flaps there is needed to rotate it and slide flaps down or pull it up and attach flaps to the snaps.

LOWER RACK

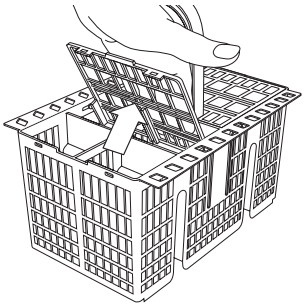
For pots, lids, plates, salad bowls, cutlery etc. Large plates and lids should ideally be placed at the sides to avoid interferences with the spray arm.



(loading example for the lower rack)

CUTLERY BASKET

The basket is equipped with top grilles for improved cutlery arrangement. The cutlery basket should be positioned only at the front of the lower rack.
Knives and other utensils with sharp edges must be placed in the cutlery basket with the points facing downwards or they must be positioned horizontally in the tip-up compartments on the upper rack.



DAILY USE

1. **CHECK WATER CONNECTION**
   Check that the dishwasher is connected to the water supply and that the tap is open.
2. **SWITCH ON THE DISHWASHER**
   Press the **ON/OFF** button.
3. **LOAD THE RACKS**
   (see LOADING THE RACKS).
4. **FILLING THE DETERGENT DISPENSER**
5. **CHOOSE THE PROGRAM AND CUSTOMISE THE CYCLE**
   Select the most appropriate program in accordance with the type of crockery and its soiling level *(see PROGRAMS DESCRIPTION)* by pressing the **P** button.
   Select the desired options *(see OPTIONS AND FUNCTIONS)*.
6. **START**
   Start the wash cycle by pressing the **START/Pause** button. When the program starts you hear a beep.
7. **END OF WASH CYCLE**
   The end of the wash cycle is indicated by beeps and the display shows **End**. Open the door and switch off the appliance by pressing the **ON/OFF** button.
   Wait for a few minutes before removing the crockery - to avoid burns. Unload the racks, beginning with the lower one.

The machine will switch off automatically during certain extended periods of inactivity, in order to minimise electricity consumption.
If the crockery is only lightly soiled or if it has been rinsed with water before being placed in the dishwasher, reduce the amount of detergent used accordingly.

MODIFYING A RUNNING PROGRAM

If a wrong program was selected, it is possible to change it, provided that it has only just begun: press and hold the **ON/OFF** button, the machine will switch off. Switch the machine back on using the **ON/OFF** button and select the new wash cycle and any desired options; start the cycle by pressing the **START/PAUSE** button.

ADDING EXTRA CROCKERY

Without switching off the machine, open the door (**be ware of HOT steam!**) and place the crockery inside the dishwasher. Close the door and press the **START/Pause** button the cycle will begin from the point at which it was interrupted.

ACCIDENTAL INTERRUPTIONS

If the door is opened during the wash cycle, or if there is a power cut, the cycle stops. Once the door has been closed or the electricity supply is restored, to start again the cycle from where it was interrupted, press the **START/Pause** button.

To disable the **DEMO MODE** the following actions must be carried out in sequence, without breaks. Switch the machine ON and then switch it OFF again. Press the DELAY button until the buzzer is heard. Switch the machine on again. The "**dOF"** indicator flashes and then turns OFF.

ADVICE AND TIPS

TIPS

Before loading the baskets, remove all food residues from the crockery and empty the glasses. **You do not need to rinse beforehand under running water.**
Arrange the crockery so that it is held in place firmly and does not tip over; and arrange the containers with the openings facing downwards and the concave/convex parts placed obliquely, thus allowing the water to reach every surface and flow freely.
Warning: lids, handles, trays and frying pans do not prevent the sprayer arms from rotating.
Place any small items in the cutlery basket.
Very soiled dishes and pans should be placed in the lower basket because in this sector the water sprays are stronger and allow a higher washing performance.
After loading the appliance, make sure that the sprayer arms can rotate freely.

UNSUITABLE CROCKERY

- Wooden crockery and cutlery.
- Delicate decorated glasses, artistic handicraft and antique crockery. Their decorations are not resistant.
- Parts in synthetic material which do not withstand high temperatures.
- Copper and tin crockery.
- Crockery soiled with ash, wax, lubricating grease or ink.

The colours of glass decorations and aluminium/silver pieces can change and fade during the washing process. Some types of glass (e.g. crystal objects) can become opaque after a number of wash cycles too.

DAMAGE TO GLASS AND CROCKERY

- Only use glasses and porcelain guaranteed by the manufacturer as dishwasher safe.
- Use a delicate detergent suitable for crockery
- Collect glasses and cutlery from the dishwasher as soon as the wash cycle is over.

TIPS ON ENERGY SAVING

- When the household dishwasher is used according to the manufacturer's instructions, **washing tableware in a dishwasher usually consumes less energy and water than hand dishwashing.**
- In order to maximize dishwasher efficiency it is recommended to **initiate the wash cycle once dishwasher is fully loaded**. Loading the household dishwasher up to the capacity indicated by the manufacturer will contribute to energy and water savings. Information on correct loading of tableware can be found in Loading chapter. In case of partial loading it is recommended to use dedicated wash options if available (Half load/ Zone Wash, Multizone), fiilling up only selected racks. Incorrect loading or overloading the dishwasher may increase resources usage (such as water, energy and time, as well as increase noise level), reducing cleaning and drying performance.
- Manual pre-rinsing of tableware items leads to increased water and energy consumption and is not recommended.

HYGIENE

To avoid odour and sediment which can be accumulated in the dishwasher **please run a high temperature program at least one a month**. Use a tea spoon of detergent and run it without the loading to clean your appliance.

CARE AND MAINTENANCE

CLEANING THE FILTER ASSEMBLY

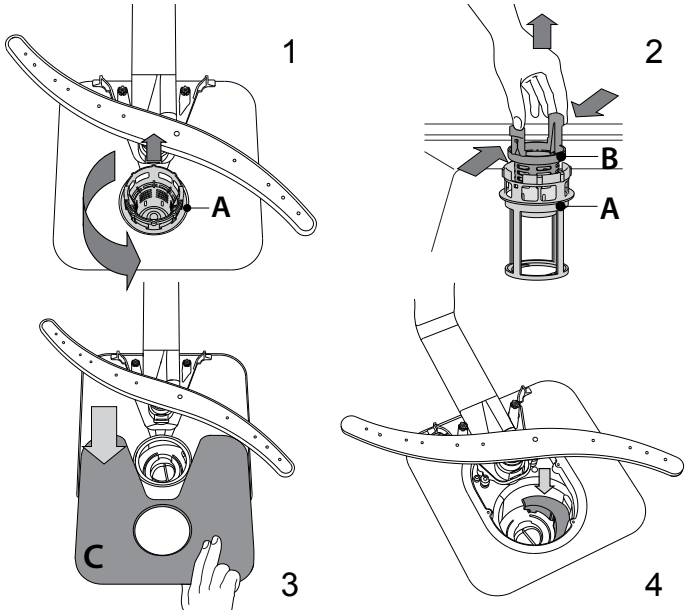
Regularly clean the filter assembly so that the filters do not clog and that the waste water flows away correctly.

Using dishwasher with clogged filters or foreign objects inside filtration system or sprayarms may cause unit malfunction resulting in lose of performance, noisy work or higher resources usage.
The filter assembly consists of three filters which remove food residues from the washing water and then recirculate the water.

The dishwasher must not be used without filters or if the filter is loose.

At least once per month or after each 30 cycles, check the filter assembly and if necessary clean it thoroughly under running water, using a non--metallic brush and following the instructions below:

1. Turn the cylindrical filter **A** in an anti-clockwise direction and pull it out *(Fig 1)*.
2. Remove the cup filter **B** by exerting a slight pressure on the side flaps *(Fig 2)*.
3. Slide out the stainless-steel plate filter **C** *(Fig 3)*.
4. In case you find foreign objects (such as broken glass, porcelain, bones, fruit seeds etc.) **please remove them carefully**.
5. Inspect the trap and remove any food residues. **NEVER REMOVE** the wash-cycle pump protection (black detail) *(Fig 4)*.



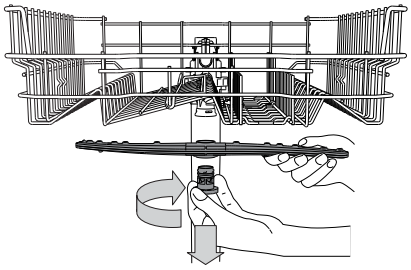
After cleaning the filters, re-place the filter assembly and fix it in position correctly; this is essential for maintaining the efficient operation of the dishwasher.

CLEANING THE WATER INLET HOSE

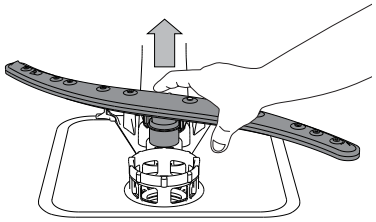
If the water hoses are new or have not been used for an extended period of time, let the water run to make sure it is clear and free of impurities before performing the necessary connections. If this precaution is not taken, the water inlet could become blocked and damage the dishwasher.

CLEANING THE SPRAY ARMS

On occasions, food residue may become encrusted onto the spray arms and block the holes used to spray the water. It is therefore recommended that you check the arms from time to time and clean them with a small non-metallic brush.



To remove the upper spray arm, turn the plastic locking ring in a clockwise direction. The upper spray arm should be replaced so that the side with the greater number of holes is facing upwards.



The lower spray arm may be removed by pulling it upwards.

WATER SOFTENING SYSTEM

Water softener automatically reduces water hardness, consequently preventing scale buildup on heater, contributing also to better cleaning efficiency.

This system regenerates itself with salt, therefore it is required to refill salt container when empty.

Frequency of regeneration depends on water hardness level setting - regeneration takes place once per **6** Eco cycles with water hardness level set to **3**.

Regeneration process starts in final rinse and finishes in drying phase, before cycle ends.

- Single regeneration consumes: ~3.5L of water;
- Takes up to 5 additional minutes for the cycle;
- Consumes below 0.005kWh of energy.

TROUBLESHOOTING

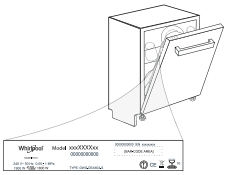
In case your dishwasher doesn't work properly, check if the problem can be solved by going through the following list.
For other errors or issues please contact authorized After-sales Service which contact details can be found in the warranty booklet.
Spare parts will be available for a period of either up to 7 or up to 10 years, according to the specific Regulation requirements..

PROBLEMS	POSSIBLE CAUSES	SOLUTIONS
Salt indicator is lit	Salt reservoir is empty (after refill the salt indicator may remain lit for several wash cycles).	Refill reservoir with salt (for more information - see page 2). Adjust water hardness (see table, page 2).
Rinse aid indicator is lit	Rinse aid dispenser is empty (after refill the rinse aid indicator may remain lit for several wash cycles).	Refill dispenser with rinse aid (for more information - see page 2).
The dishwasher won't start or does not respond to commands.	The appliance has not been plugged in properly.	Insert the plug into the socket.
	Power outage.	For safety reasons, dishwasher will not restart automatically when power returns. Press the START/Pause button to resume the cycle.
	The dishwasher door is not closed.	Vigorously push the door until you hear the "click".
	Cycle is interupted by door opening for > 4 sec.	Close the door and press START/Pause.
	It does not respond to commands. Display shows: **F9** or **F12** and both On/Off and START/Pause LEDs are blinking rapidly.	Switch off the appliance by pressing the ON/OFF button, switch it back on after approximately one minute and restart the program. If problem persists, unplug the appliance for 1 minute, then plug it back in.
The dishwasher won't drain. Display shows: **F3** and both On/Off and START/Pause LEDs are blinking rapidly.	The wash cycle has not finished yet.	Wait until the wash cycle finishes.
	The drain hose is bent.	Check that the drain hose is not bent *(see INSTALATION INSTRUCTION)*.
	The sink drain pipe is blocked.	Clean the sink drain pipe.
	The filter is clogged up with food residues.	Clean the filter *(see CLEANING THE FILTER ASSEMBLY)*.
The dishwasher makes excessive noise.	The dishes are rattling against each other.	Position the crockery correctly *(see LOADING THE RACKS)*.
	An excessive amount of foam has been produced.	The detergent has not been measured out correctly or it is not suitable for use in dishwashers *(see FILLING THE DETERGENT DISPENSER)*. Restart dishwasher by pressing the DRAIN button *(see OPTIONS AND FUNCTIONS)* and run new program without detergent.
The dishes are not clean.	The crockery has not been arranged properly.	Arrange the crockery correctly *(see LOADING THE RACKS)*.
	The spray arms cannot rotate freely, being hindered by the dishes.	Arrange the crockery correctly *(see LOADING THE RACKS)*.
	The wash cycle is too gentle.	Select an appropriate wash cycle *(see PROGRAMS TABLE)*.
	An excessive amount of foam has been produced.	The detergent has not been measured out correctly or it is not suitable for use in dishwashers *(see FILLING THE DETERGENT DISPENSER)*.
	The cap on the rinse aid compartment has not been shut correctly.	Make sure the cap of the rinse aid dispenser is closed.
	The filter is soiled or clogged.	Clean the filter assembly *(see CARE AND MAINTENANCE)*.
	There is no salt.	Fill the salt reservoir *(see FILLING THE SALT RESERVOIR)*.
The dishwasher does not fill the water. Display shows: and **F6**, both On/Off and START/Pause LEDs are blinking rapidly.	No water in the water supply or the tap is closed.	Make sure there is water in the water supply or the tap running.
	The inlet hose is bent.	Make sure the inlet hose is not bent *(see INSTALLATION)* reprogram the dishwasher and reboot.
	The sieve in the water inlet hose is clogged; it is necessary to clean it.	After having carried out the verification and cleaning, turn off and turn on the dishwasher and restart a new program.
Dishwasher finishes the cycle prematurely. Display shows: **F15** and both On/Off and START/Pause LEDs are blinking rapidly.	Drain hose positioned too low or siphoning into home sewage system.	Check if end of drain hose is placed at correct height (see INSTALLATION).Check for siphoning into home sewage system, install air admittance valve if necessary.
	Air in water supply.	Check water supply for leaks or other issues letting air inside.

Policy and standard documentation and additional product information can be found by:

- Visiting our website: **docs.whirlpool.eu** and **parts-selfservice.whirlpool.com**
- Using QR Code
- Alternatively, contact our After-sales Service (See phone number in the warranty booklet).
  When contacting our After-sales Service, please state the codes provided on your product's identification plate.

The model information can be retrieved using the QR-Code reported in the energy label.
The label also includes the model identifier that can be used to consult the portal of the registry at https://eprel.ec.europa.eu.



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