

User Manual

# GETTING STARTED? EASY.



ZDV12005FA

EN User Manual  
Dishwasher

# ZANUSSI

## SAFETY INFORMATION

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Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible for any injuries or damage that are the result of incorrect installation or usage. Always keep the instructions in a safe and accessible location for future reference.

### **CHILDREN AND VULNERABLE PEOPLE SAFETY**

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- Children between 3 and 8 years of age and persons with very extensive and complex disabilities shall be kept away from the appliance unless continuously supervised.
- Children of less than 3 years of age should be kept away from the appliance unless continuously supervised.
- Do not let children play with the appliance.
- Keep detergents away from children.
- Keep children and pets away from the appliance when the door is open.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.

### **GENERAL SAFETY**

- This appliance is intended to be used in household and similar applications such as:
  - farm houses; staff kitchen areas in shops, offices and other working environments;
  - by clients in hotels, motels, bed & breakfast and other residential type environments.
- Do not change the specification of this appliance.
- The operating water pressure (minimum and maximum) must be between 0.5 (0.05) / 8 (0.8) bar (MPa)
- Follow the maximum number of 9 place settings.

- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.
- Put the cutlery in the cutlery basket with the sharp ends pointing down or put them in the cutlery drawer in a horizontal position with the sharp edges down.
- Do not leave the appliance with the open door unattended to avoid stepping accidentally onto it.
- Before any maintenance operation, deactivate the appliance and disconnect the mains plug from the socket.
- Do not use high pressure water sprays and/or steam to clean the appliance.
- If the appliance has ventilation openings in the base, they must not be covered e.g. by a carpet.
- The appliance is to be connected to the water mains using the new supplied hose-sets. Old hose sets must not be reused.

## SAFETY INSTRUCTIONS

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### INSTALLATION



**WARNING!** Only a qualified person must install this appliance.

- Remove all the packaging.
- Do not install or use a damaged appliance.
- Do not use the appliance before installing it in the built-in structure due to safety manner.
- Follow the installation instructions supplied with the appliance.
- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Do not install or use the appliance where the temperature is less than 0 °C.
- Install the appliance in a safe and suitable place that meets installation requirements.

- Always use a correctly installed shockproof socket.
- Do not use multi-plug adapters and extension cables.
- Make sure not to cause damage to the mains plug and to the mains cable. Should the mains cable need to be replaced, this must be carried out by our Authorised Service Centre.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- This appliance complies with the E.E.C. Directives.
- This appliance is fitted with a 13 A mains plug. If it is necessary to change the mains plug fuse, use only a 13 A ASTA (BS 1362) fuse (UK and Ireland only).

### ELECTRICAL CONNECTION



**WARNING!** Risk of fire and electric shock.

- The appliance must be earthed.
- Make sure that the parameters on the rating plate are compatible with the electrical ratings of the mains power supply.

### WATER CONNECTION

- Do not cause damage to the water hoses.
- Before connection to new pipes, pipes not used for a long time, where repair work has been carried out or new devices fitted (water meters, etc.), let the water flow until it is clean and clear.
- Ensure that there are no visible water leaks during and after the first use of the appliance.

- If the water inlet hose is damaged, immediately close the water tap and disconnect the mains plug from the mains socket. Contact the Authorised Service Centre to replace the water inlet hose.

## **USE**

- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Dishwasher detergents are dangerous. Follow the safety instructions on the detergent packaging.
- Do not drink and play with the water in the appliance.
- Do not remove the dishes from the appliance until the programme is complete. Some detergent may remain on the dishes.
- Do not sit or stand on the open door of the appliance.
- The appliance can release hot steam if you open the door while a programme operates.

## **SERVICE**

- To repair the appliance contact the Authorised Service Centre.
- Use original spare parts only.

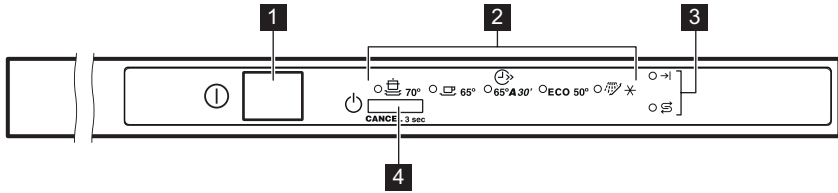
## **DISPOSAL**



**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.

# CONTROL PANEL



- 1** On/off button
- 2** Programme indicators
- 3** Indicators
- 4** Programme button



## INDICATORS

- | End indicator.
- ⊞ Salt indicator. It is always off while the programme operates.

## PROGRAMMES

The order of the programmes in the table may not reflect their sequence on the control panel.

Programme	Degree of soil Type of load	Programme phases	Consumption values 1)		
			Duration (min)	Energy (kWh)	Water (l)
<b>ECO</b> 2)	Normal soil Crockery and cutlery	<ul style="list-style-type: none"> <li>▪ Prewash</li> <li>▪ Wash 50 °C</li> <li>▪ Rinses</li> <li>▪ Dry</li> </ul>	227	0.777	9.9
	Heavy soil Crockery, cutlery, pots and pans	<ul style="list-style-type: none"> <li>▪ Prewash</li> <li>▪ Wash 70 °C</li> <li>▪ Rinses</li> <li>▪ Dry</li> </ul>	160 - 168	1.1 - 1.3	13-14
	Normal soil Crockery and cutlery	<ul style="list-style-type: none"> <li>▪ Prewash</li> <li>▪ Wash 65 °C</li> <li>▪ Rinses</li> <li>▪ Dry</li> </ul>	130 - 140	1.0 - 1.2	14-15

Programme	Degree of soil Type of load	Programme phases	Consumption values 1)		
			Duration (min)	Energy (kWh)	Water (l)
 3)	Fresh soil Crockery and cutlery	<ul style="list-style-type: none"> <li>Wash 60 °C or 65 °C</li> <li>Rinses</li> </ul>	30	0.7	8
 4)	All	<ul style="list-style-type: none"> <li>Prewash</li> </ul>	14	0.1	4

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.

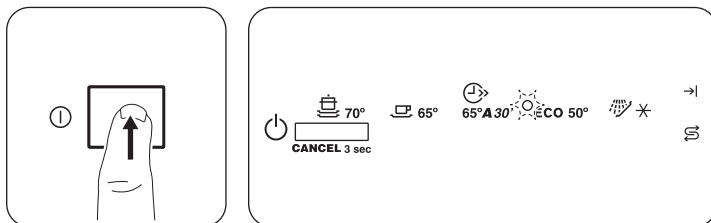
2) This programme offers the most efficient use of water and energy consumption for crockery and cutlery with normal soil. This is the standard programme for test institutes.

3) This programme is suitable for washing a load or a half load with fresh or light soil in a short time.

4) With this programme, you can quickly rinse off food remains from dishes and prevent odours forming in the appliance. Do not use detergent with this programme.

## SETTINGS

### PROGRAMME SELECTION MODE



The appliance is in programme selection mode when the programme indicator **ECO** flashes.

After activation, the appliance is in programme selection mode by default. If not, set the programme selection mode the following way:

1. Press and hold the programme button for 3 seconds.




### CANCEL FUNCTION

Press the programme button until the appliance is in programme selection mode.

With this function you can cancel the running programme.

### USER MODE

While the appliance is in programme selection mode:





1. Press and hold the programme button until the indicator  flashes, and the indicators  and  are on.

Settings available in the user mode:

- The level of the water softener according to the water hardness.
- The activation or the deactivation of the acoustic signal for the end of programme.
- The activation or the deactivation of AirDry.

As the appliance stores the saved settings, there is no need to configure it before every cycle.

## ADJUSTING THE WATER SOFTENER

1. While the appliance is in user mode, wait until the indicators  and  are off.
  - The indicator  still flashes.
  - The current setting is indicated by the number of flashes of the indicator  (e.g. 5 flashes + pause + 5 flashes... = level 5).
2. Press the programme button to change the setting. Each pressing of the programme button increases the level number. After reaching level 10, the count starts again from level 1.
3. Press the on/off button to confirm the setting.

## THE WATER HARDNESS TABLE

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.

## ACTIVATING THE ACOUSTIC SIGNAL FOR THE END OF PROGRAMME


By default, the acoustic signal is deactivated but it is possible to activate it.

While the appliance is in user mode, within about 5 seconds:

1. Press the programme button.
  - The indicators  and  are on.
  - The indicator  flashes.
2. Wait until the indicators  and  are off.
  - The indicator  is off = the acoustic signal is deactivated.
3. Press the programme button to change the setting.
  - The indicator  is on = the acoustic signal is activated.
4. Press the on/off button to confirm the setting.

## ACTIVATING AIRDRY








AirDry improves the drying results with less energy consumption.

By default, AirDry is activated with all programmes excluding  (if applicable) but it is possible to deactivate it.



While the drying phase operates, the device opens the appliance door. The door is then kept ajar.

While the appliance is in user mode, within about 5 seconds:

1. Press the programme button twice.
  - The indicators  and  are on.
  - The indicator  flashes.
2. Wait until the indicators  and  are off.
  - The indicator  is on = AirDry is activated.
3. Press the programme button to change the setting.
  - The indicator  is off = AirDry is deactivated.
4. Press the on/off button to confirm the setting.



**CAUTION!** If children have access to the appliance, it is advised to deactivate AirDry as opening the door may pose a danger.

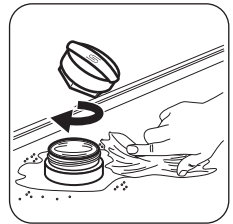
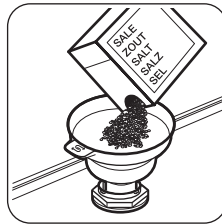
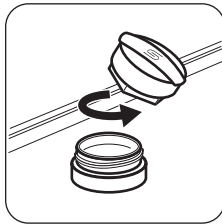
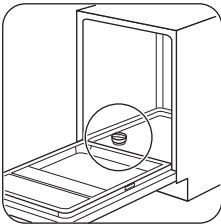
## BEFORE FIRST USE

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 put dishes in the baskets.

After starting the programme, the appliance recharges the resin in the water softener for up to 5 minutes. The washing phase starts only after this procedure is complete. The procedure is repeated periodically.

### ADDING SALT



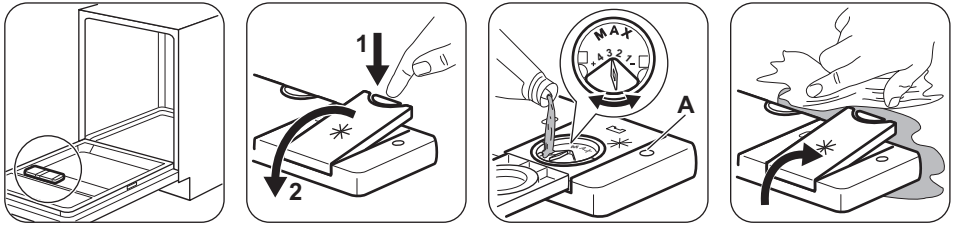


Before the first use, put one litre of water in the salt container.



**CAUTION!** Water and salt can come out of the salt container during filling. To prevent corrosion, start a programme immediately after filling the salt container.

### ADDING RINSE AID



The rinse aid helps to dry the dishes without streaks and stains. It is automatically released during the hot rinse phase. Fill the rinse aid dispenser when the lens (A) is clear.

## DAILY USE

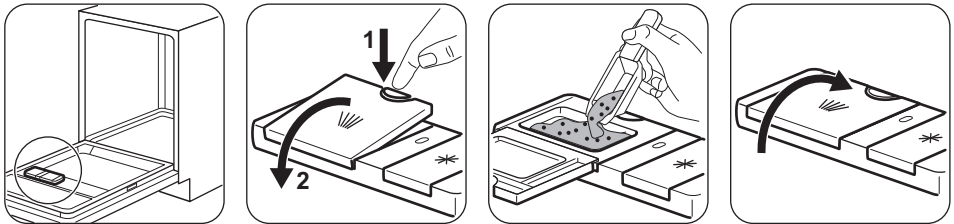
1. Open the water tap.
2. Press the on/off button to activate the appliance.

Make sure that the appliance is in programme selection mode.

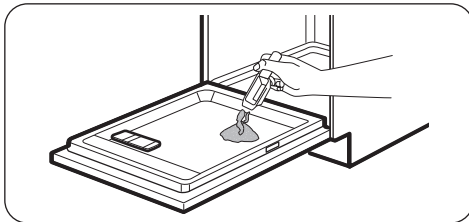
- If the salt indicator is on, fill the salt container.

- Make sure that there is rinse aid in 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.

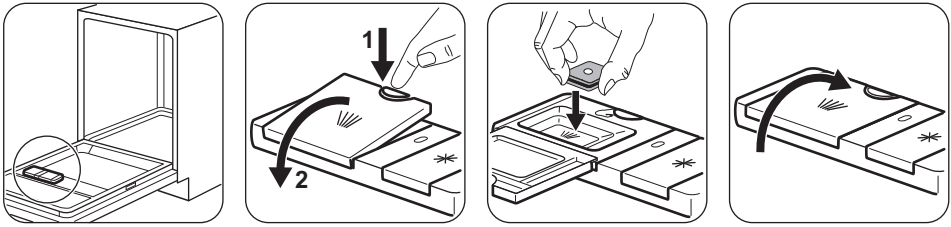
### ADDING DETERGENT



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



## ADDING MULTI-TABLETS



- Do not fill the salt container and the rinse aid dispenser.
- Set the rinse aid dispenser to the lowest position.

## SETTING AND STARTING A PROGRAMME

### Starting a programme

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 the programme button until the indicator of the chosen programme is flashing.
4. Close the appliance door to start the programme.

### Opening the door while the appliance operates

Opening the door while a programme is running stops the appliance. It may affect the energy consumption and the programme duration. After closing 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 ends. It does not happen if the door is opened by AirDry function.



Do not try to close the appliance door within 2 minutes after AirDry 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.

### End of the programme

When the programme is completed the indicator  is on.

1. Press the on/off button or open the door to deactivate the appliance.
2. Close the water tap.



After 5 minutes of non-use, the appliance enters standby mode and all the indicators are off. It decreases the energy consumption.

## HINTS AND TIPS

### GENERAL

Follow the hints below to ensure optimal cleaning and drying results in daily use and to help you protect the environment.

- Remove larger residues of food from the dishes into the waste bin.
- Do not pre-rinse dishes by hand. When needed, select a programme with a prewash phase.
- Always use the whole space of the baskets.
- Make sure that items in the baskets do not touch or cover each other. Only then can the water completely reach and wash the dishes.
- You can use dishwasher detergent, rinse aid and salt separately or you can use the multi-tablets (e.g. "All in 1"). Follow the instructions on the packaging.

- Select a programme according to the type of load and the degree of soil. **ECO** offers the most efficient use of water and energy consumption.

## 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.

## 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.

## LOADING THE BASKETS

- Use the appliance to wash dishwasher-safe items only.
- Do not wash in the appliance items made of wood, horn, aluminium, pewter and copper.
- Do not wash in the appliance items that can absorb water (sponges, household cloths).
- Remove large food residues from dishes.
- Soak cookware with burnt-on food before washing it in the appliance.
- Put hollow items (cups, glasses and pans) with the opening facing downwards.
- Make sure that glasses do not touch each other.
- Put light items in the upper basket. Make sure that the items do not move freely.
- Put cutlery and small items in the cutlery basket.
- Make sure that the spray arms can move freely before you start a programme.

## BEFORE STARTING A PROGRAMME

Before you start the selected 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 enough salt and rinse aid (unless you use multi-tablets).
- The arrangement of the items in the baskets is correct.
- The programme is suitable to the type of load and the degree of soil.
- The correct quantity of detergent is used.

## UNLOADING THE BASKETS

1. Let the tableware cool down before you remove it from the appliance. Hot items can be easily damaged.
2. First remove items from the lower basket, then from the upper basket.



After the programme is completed, water can still remain on the inside surfaces of the appliance.

## CARE AND CLEANING

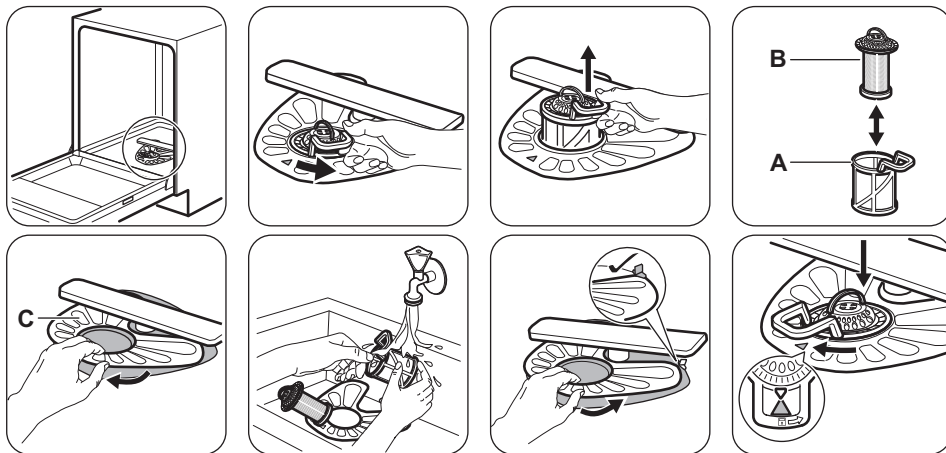


**WARNING!** Before maintenance, deactivate the appliance and disconnect the mains plug from the main socket.



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.
- Put back in place the flat filter (C). Make sure that it is correctly positioned under the 2 guides.
- Reassemble the filters (A) and (B).
- Put back the filter (A) in the flat filter (C). Turn it clockwise until it locks.



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

### CLEANING THE SPRAY ARMS

Do not remove the spray arms. If the holes in the spray arms are clogged, remove remaining parts of soil with a thin pointed object.

### 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 regularly use short duration programmes, these can leave deposits of grease and limescale inside the appliance. To prevent this, we recommend to run long duration programmes at least 2 times per month.
- To maintain the performance of your appliance at its best, we recommend to use monthly a specific cleaning product for dishwashers. Follow carefully the instructions on the packaging of the product.

# TROUBLESHOOTING

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

With some problems the end indicator flashes intermittently indicating a malfunction.

**The majority of problems that can occur can be solved without the need to 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.

Problem and alarm code	Possible cause and solution
You cannot activate the appliance.	<ul style="list-style-type: none"> <li>▪ Make sure that the mains plug is connected to the mains socket.</li> <li>▪ Make sure that there is no damaged fuse in the fuse box.</li> </ul>
The programme does not start.	<ul style="list-style-type: none"> <li>▪ Make sure that the appliance door is closed.</li> <li>▪ The appliance has started the procedure to re-charge the resin inside the water softener. The duration of the procedure is approximately 5 minutes.</li> </ul>
The appliance does not fill with water. <ul style="list-style-type: none"> <li>▪ The end indicator flashes 1 time intermittently.</li> <li>▪ Acoustic signal sounds 1 time intermittently.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Make sure that the water tap is open.</li> <li>▪ Make sure that the pressure of the water supply is not too low. For this information, contact your local water authority.</li> <li>▪ Make sure that the water tap is not clogged.</li> <li>▪ Make sure that the filter in the inlet hose is not clogged.</li> <li>▪ Make sure that the inlet hose has no kinks or bends.</li> </ul>
The appliance does not drain the water. <ul style="list-style-type: none"> <li>▪ The end indicator flashes 2 times intermittently.</li> <li>▪ Acoustic signal sounds 2 times intermittently.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Make sure that the sink spigot is not clogged.</li> <li>▪ Make sure that the drain hose has no kinks or bends.</li> </ul>
The anti-flood device is on. <ul style="list-style-type: none"> <li>▪ The end indicator flashes 3 times intermittently.</li> <li>▪ Acoustic signal sounds 3 times intermittently.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Close the water tap and contact an Authorised Service Centre.</li> </ul>
The appliance stops and starts more times during operation.	<ul style="list-style-type: none"> <li>▪ It is normal. It provides optimal cleaning results and energy savings.</li> </ul>
Small leak from the appliance door.	<ul style="list-style-type: none"> <li>▪ The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).</li> <li>▪ The appliance door is not centred on the tub. Adjust the rear foot (if applicable).</li> </ul>

Problem and alarm code	Possible cause and solution
The appliance door is difficult to close.	<ul style="list-style-type: none"> <li>▪ The appliance is not levelled. Loosen or tighten the adjustable feet (if applicable).</li> <li>▪ Parts of the tableware are protruding from the baskets.</li> </ul>
Rattling/knocking sounds from inside the appliance.	<ul style="list-style-type: none"> <li>▪ The tableware is not properly arranged in the baskets. Refer to basket loading leaflet.</li> <li>▪ Make sure that the spray arms can rotate freely.</li> </ul>
The appliance trips the circuit-breaker.	<ul style="list-style-type: none"> <li>▪ 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.</li> <li>▪ Internal electrical fault of the appliance. Contact an Authorised Service Centre.</li> </ul>



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

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

Once you have checked the appliance, deactivate and activate the appliance. If the problem occurs again, 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"> <li>▪ Refer to "<b>Daily use</b>", "<b>Hints and tips</b>" and basket loading leaflet.</li> <li>▪ Use more intensive washing programmes.</li> <li>▪ Clean spray arm jets and filter. Refer to "<b>Care and Cleaning</b>".</li> </ul>
Poor drying results.	<ul style="list-style-type: none"> <li>▪ Tableware has been left for too long inside a closed appliance.</li> <li>▪ There is no rinse aid or the dosage of rinse aid is not enough. Set the rinse aid dispenser to a higher level.</li> <li>▪ Plastic items may need to be towel dried.</li> <li>▪ For the best drying performance activate AirDry.</li> <li>▪ We recommend to always use rinse aid, even in combination with multi-tablets.</li> </ul>
There are whitish streaks or bluish layers on glasses and dishes.	<ul style="list-style-type: none"> <li>▪ The release quantity of rinse aid is too much. Adjust the rinse aid level to a lower level.</li> <li>▪ The quantity of detergent is too much.</li> </ul>
There are stains and dry water drops on glasses and dishes.	<ul style="list-style-type: none"> <li>▪ The released quantity of rinse aid is not sufficient. Adjust the rinse aid level to a higher level.</li> <li>▪ The quality of the rinse aid can be the cause.</li> </ul>

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



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

# PRODUCT INFORMATION SHEET

Trade Mark	Zanussi
Model	ZDV12005FA 911079028
Rated capacity (standard place settings)	9
Energy efficiency class	A+
Energy consumption in kWh per year, based on 280 standard cleaning cycles using cold water fill and the consumption of the low power modes. The actual energy consumption will depend on how the appliance is used.	222
Energy consumption of standard cleaning cycle (kWh)	0.777
Power consumption in off mode (W)	0.50
Power consumption in left-on mode (W)	5.0
Water consumption in litres per year, based on 280 standard cleaning cycles. The actual water consumption will depend on how the appliance is used	2775
Drying efficiency class on a scale from G (least efficient) to A (most efficient)	A
The 'standard programme' is the standard cleaning cycle to which the information in the label and the fiche relates. This programme is suitable to clean normally soiled tableware and is the most efficient programme in terms of combined energy and water consumption. It is indicated as "Eco" programme.	<b>ECO</b>
Programme time of standard cleaning cycle (min)	227
Duration of the left-on mode (min)	5
Sound power level (db(A) re 1pW)	54
Built in appliance Y/N	Yes

## ADDITIONAL TECHNICAL INFORMATION

Dimensions	Width / height / depth (mm)	446 / 818 - 898 / 550
Electrical connection <sup>1)</sup>	Voltage (V)	220 - 240
	Frequency (Hz)	50
Water supply pressure	Min. / max. bar (MPa)	0.5 (0.05) / 8 (0.8)
Water supply	Cold water or hot water <sup>2)</sup>	max 60 °C


**1)** Refer to the rating plate for other values.


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



## ENVIRONMENTAL CONCERNS

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

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





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