



Swiss perfection for your home



Guide

Tips to keep your washing up gleaming

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1 Introduction – dishwashers are quiet achievers

The unassuming appliance is operated 280 times a year in the average Swiss household. This means plenty of opportunities to wash up correctly or incorrectly. Plastic items tend to discolour when used with foods containing colouring, such as tomato juice. Cauliflower can cause dark tarnish spots on cutlery and hydrogenated fats in beer glasses prevent proper foam formation. And what about wine glasses? They can be clouded by corrosion and the accumulation of limescale. However, the answer to this is to choose and use your dishwasher correctly.

This guide is intended to help you.

This guide gives you general tips associated with washing up. Depending on the dishwasher and dishes, other rules may be crucial for specific applications. Therefore, please note the manufacturer's information for your dishes and especially cutlery. Equally, the manufacturer's information about your dishwasher must be observed. Both rules of application are crucial.

2 How does a dishwasher work?

Dishes are cleaned thanks to the perfect interaction between time, mechanical energy, temperature and detergent. Rotating nozzles squirt and spray the soapy water against the dishes. Tailoring the factors to meet specific requirements achieves successful cleaning, cost-effectiveness and user satisfaction. For example, by increasing the factors of spray pressure, temperature and water consumption, the factor of time can be reduced. By extending the factor of time while reducing spray pressure, noise emissions can be lowered. By extending the rinse time, the temperature can be reduced.

3 How do I correctly load and unload?

- Generally speaking, you should place the dishes and cutlery in the machine so that the jets of water reach every area and the water can also drain off again.
- Leave space between plates. Do not stack pans and bowls. Place them next to one another.
- Arrange vessels such as cups, glasses and pans with the opening pointing down so that the water can drain unimpeded.
- Arrange glasses so that they are not touching to prevent water stains and damage to the glass.
- Place knives and cutlery with pointy and sharp edges in the cutlery basket so that they do not poke out (tips pointing down).
- Spread cutlery across the compartments with the handle pointing down (except knives etc.). Spoons shouldn't lie within one another.
- Ensure the machine is fully loaded. Many rinse cycles can be saved if the dishwasher is fully loaded as often as possible.
- However, you should also avoid overloading the dishwasher. Prevent points of contact and spray shadows that the water cannot reach.
- When closing the appliance door, ensure that no items of cutlery are protruding from the machine and are jammed. Otherwise, the leak tightness of the appliance cannot be guaranteed.
- You should always empty your dishwasher from bottom to top. Otherwise, there is a risk that water, which has collected in the recesses of your dishes, will drip down onto the dry dishes below.

How V-ZUG helps you:

Adjustable baskets	<p>Upper basket</p> <ul style="list-style-type: none">▪ Additional folding supports for coffee cups and small glasses▪ The supports are used to place wine and water glasses in a stable position▪ Special section for drinking glasses, saucers or small bowls▪ The upper basket comes with several height settings. <p>Lower basket</p> <ul style="list-style-type: none">▪ The four rows of prongs can be easily folded to create a large surface for bowls, pans, large platters or even cups and glasses.
Cutlery drawer	<p>The cutlery drawer developed by V-ZUG provides an ergonomic solution for stacking cutlery. You can also stack your cutlery in a structured manner so that they don't touch one another. This makes sure that your cutlery is clean all over without any scratch marks.</p>
Accessories	<p>These elements offer even greater flexibility:</p> <ul style="list-style-type: none">▪ Lower basket for glasses: It can hold up to 26 glasses and 10 cups. The basket is ideal for day-to-day life in the office or if you often entertain large groups of guests.▪ Lower basket for glasses: An insert specially for wine glasses is available to fit into the lower basket.▪ Easy prongs: Very tall drinking glasses, baby bottles, sports bottles or vases are held securely with the prong extensions.
Additional 'Partial load' function	<p>Automatically adjusts the programme to a lower load, thus saving up to 6 litres of water and up to 36 minutes of washing time (depending on the programme selected).</p>

4 Do I need to pre-rinse the dishes?

- Leftovers in dishwashers can be removed easily without pre-rinsing. You only need to remove the leftovers with a spoon or wipe with kitchen paper and dispose of in the bin. Also remove foreign bodies such as toothpicks. Pre-rinsing under running water is therefore just a waste of water.
- Load the dirty plates straight away and keep the appliance doors closed. This is because the moisture that is always inside prevents the food residues from drying and becoming more difficult to remove.
- Only dampen badly burnt-on food residues beforehand or use an intensive programme on the dishwasher.

How V-ZUG helps you:	
Intensive programme	For a high degree of soiling, particularly with starchy dirt (mashed potato, rice).
Pre-rinse programme	Prevents dirt from drying onto the surface if a programme is started later.
Fondue/raclette programme	The exclusive Fondue/raclette programme is a programme for classic Swiss specialities. Fondue pots, raclette pans and dishes for bakes or gratins come out perfectly clean without needing to be steeped, thanks to the active soak phase.
Additional 'OptiStart' function	The intelligent delayed start function uses the waiting time before the programme starts to wet the dishes. When the rinse cycle begins, the dirt has already been softened so the appliance can run at a lower temperature. Energy consumption is thus reduced by up to 10 %.

5 How do I get glasses to shine?

- Place glasses in the fixtures provided in the basket. The best protection against breakages as a result of mechanical stress are baskets that hold the glasses securely in place.
- It is important that there are few points of contact between the glasses and that they are tilted. This ensures that water cleans all of the glass and prevents water deposits.
- High and constantly fluctuating temperatures affect your glasses. Do not rinse glasses above 55 °C. The optimum temperature is between 45 and 50 °C. Therefore, wherever possible, always use a special programme for glasses.
- Open the dishwasher a little immediately after the programme has ended and allow the hot steam to rise out of the opening. This protects the glasses and prevents dry spots forming.
- Allow the glasses to cool before removing.
- Soft water leaches glasses more strongly than hard water. That is why you should set the water hardness setting to the local conditions accordingly and slightly increase the amount of rinse aid, if necessary.
- Glasses never have a smooth surface; they are made up of microscopically small pores. This is where odorous substances and flavours are stored as well as particles. If not cleaned properly, wine glasses can affect the aroma of the wine, for example.
- The pores of the glass also quickly absorb odours from the environment even when they are clean. If the wine glasses cannot be stored in an odour-neutral place, they should be briefly rinsed under clean water without detergent before use.
- Dried-on wine residues can best be dissolved in a water bath. Simply pour lukewarm water into the glass, add a splash of vinegar and leave to work for at least 30 minutes.
- If you dry the glasses by hand, use lint-free material. Pure linen is best. Only use the linen cloth for polishing to prevent any fat residues and when washing the towel, do not add any fabric softener to prevent streaking.
- Polish thin-walled glasses separately after the cup and base to prevent breakages.
- Do not breathe on the glasses because there may be dust particles on the glass which cause scratches when rubbed.
- Can you clean crystal glasses in the dishwasher? This varies widely. Ensure that the manufacturer has marked whether the glasses are dishwasher-safe or not.

- What do I need to be aware of when rinsing beer glasses? Fat residues in beer glasses negatively affect the formation of foam. Coffee cups with cream residues or dishes with fat residues from meals dull the ability to foam a lot. Select a programme with a pre-rinse setting or set the machine care programme to run on evenings when you've had a barbecue or a few beers.

How V-ZUG helps you:	
Additional 'SteamFinish' function	With SteamFinish, the Adora is the first dishwasher to use pure steam to clean glasses, cutlery and dishes, guaranteeing cleanliness and a shiny finish. The patented SteamFinish technology generates steam at the end of the drying process. The steam from this purest (distilled) water collects on the dishes and removes any leftover salt or traces of detergent or brightener.
Glass programme	For proper and careful glass cleaning, select Easy care for glasses.
MachineCare programme	Used together with a standard machine care product, the special programme degreases and cleans both the interior and the components.
Automatic door opener	The appliance door is released automatically at the end of the rinse programme. This reduces the drying phase, saving valuable energy.
Accessories	<p>These elements let your glasses shine:</p> <ul style="list-style-type: none"> ▪ Lower basket for glasses: It can hold up to 26 glasses and 10 cups. The basket is ideal for day-to-day life in the office or if you often entertain large groups of guests. ▪ Lower basket for glasses: An insert specially for wine glasses is available to fit into the lower basket. ▪ Easy prongs: Very tall drinking glasses, baby bottles, sports bottles or vases are held securely with the prong extensions.

6 What do I have to pay attention to when cleaning dishes?

- Open the appliance doors immediately after the programme ends so that the hot steam can be released. This prevents dry spots.
- Regularly fill the regenerating salt afterwards otherwise the water stays too hard, which causes limescale stains on the dishes.
- Use rinse aid. It accelerates drying, prevents water marks and limescale deposits on the dishes and reduces the surface tension of the water so that it can run drip-free off the dishes. Multi or all-in-1 tabs are extremely convenient: they already contain rinse aid and regeneration salt, however they cannot fully replace them.
- Only use dishwasher-safe detergent. Tabs dissolve poorly at rinsing temperatures below 55 °C, which may impair the cleaning result.
- Do you frequently use plastic items and Tupperware containers? These need a longer drying phase or must be given a final dry by hand. In addition, a programme with a pre-rinse setting is recommended for plastic items because they can become discoloured in the presence of colouring food residues such as tomato or carrot juice.

How V-ZUG helps you:	
Additional 'DryPlus' function	When DryPlus is activated, the drying temperature rises. The drying duration is extended. This also dries plastic dishes straight away.
Additional 'SteamFinish' function	With the SteamFinish programme, the Adora is the first dishwasher to use pure steam to clean glasses, cutlery and dishes, guaranteeing a spotlessly clean and shiny finish. The patented SteamFinish technology generates steam at the end of the drying process. The steam from this purest (distilled) water collects on the dishes and removes any leftover salt or traces of detergent or brightener.
Pre-rinse programme	Prevents dirt from drying onto the surface if a programme is started later.
Automatic door opener	The appliance door is released automatically at the end of the rinse programme. This reduces the drying phase, saving valuable energy.
Ideal for tabs	When using detergents with integrated salt and shine function (multi or all-in-1 tabs), settings can be easily adapted. As a result, very short programmes are automatically extended as this type of detergent requires longer to dissolve.

7 How do I deal with limescale?

- Dishwashers have softening units that prevent limescale building up in the machine. However, to correctly set this, you should consult your water company regarding the water hardness of your mains water. Hard water causes limescale stains.
- The calcium contained in mains water is also a danger for dishes. For example, it makes glasses look dull. If you detect an unpleasant coating on your glasses which creates a dull effect, it is probably limescale. In this case, you must adjust the softening unit.
- You should make sure you avoid using too little detergent. The dishes might be clean with less detergent, however the structure of the glasses, cups and plates may be permanently damaged. Not using enough detergent may lead to undesirable limescale that makes glasses look unattractive. You should also ensure you use a detergent that has integrated glass protection.
- For a good rinsing result, use regenerated salt and brightener, or even use multi or all-in-1 tabs.

How V-ZUG helps you:	
Automatic brightener dosage	The amount of brightener is automatically adapted to the dishes and water hardness. If the drying outcome is not satisfactory, the dosage can be set manually to one of 12 levels.
Automatic water hardness control	The water hardness control function makes sure that the water is the ideal level of hardness throughout the programme. The detergent is more effective, providing gentler care for your dishes and glasses.
Additional 'SteamFinish' function	With the SteamFinish programme, the Adora is the first dishwasher to use pure steam to clean glasses, cutlery and dishes, guaranteeing a spotlessly clean and shiny finish. The patented SteamFinish technology generates steam at the end of the drying process. The steam from this purest (distilled) water collects on the dishes and removes any leftover salt or traces of detergent or brightener.
Ideal for tabs	When using detergents with integrated salt and shine function (multi or all-in-1 tabs), settings can be easily adapted. As a result, very short programmes are automatically extended as this type of detergent requires longer to dissolve.

8 Wie reinige ich den Geschirrspüler?

- Over time, different residuals collect in your dishwasher that can spread germs and unpleasant smells. From time to time, run an intensive programme (at least 60 °C) to clean your machine thoroughly.
- Remove food residue before loading as it can block the machine.
- Clean the machine filter monthly. Simply rinse thoroughly under running water.
- Regularly check the spray arms. Food residues and deposits may accumulate. If necessary, clean under running water.
- Pay attention to the rubber seals which often collect dirt.
- If you frequently enjoy eating ready meals with hydrogenated fats, you should regularly run the machine on a programme with a high temperature. This dissolves the deposits and prevents a blockage.

How V-ZUG helps you:	
Programm Maschinenpflege	Used together with a standard machine care product, the special programme degreases and cleans both the interior and the components.
Anpassung Speicherdauer Wassertank	The last rinse water is stored and used for the next programme. If no programme is started, the water is drained after the time that has been configured. This setting can be adapted individually. After approx. 20 tank fillings, the tank is rinsed automatically.

9 How do I reduce water consumption?

- The most important tip: skip manual pre-rinsing. It is completely unnecessary!
- Do not wash by hand beforehand. This creates rough hands and requires up to eight times more water than washing with state-of-the-art dishwashers.
- Please clear your plate. Ecological cleaning starts at the dinner table. An empty plate can be put straight into the dishwasher. Everyone can play a part here, while also setting an example for children.
- Wash up daily. Stubborn dirt is a challenge for powerful programmes. They run longer and need more water.
- Load correctly. Loading the dishwasher in the right way also reduces the number of rinse cycles, helping to lower water consumption.
- Find out more about the different programmes available on your dishwasher and use the correct programme depending on the situation.

How V-ZUG helps you:	
Automatic programme	The automatic programme knows what your dishes need. It rinses the dishes in just the right way and thereby saves up to 30 % in water, electricity and regenerating salt. Water consumption can therefore be reduced by up to 5 litres per rinse, depending on the degree of soiling.
Eco programme	The most efficient programme in terms of water and energy consumption for normally soiled dishes. It requires just 0.55 kWh per rinse cycle.
Additional 'Partial load' function	Automatically adjusts the programme to a lower load, thus saving up to 6 litres of water and up to 36 minutes of washing time (depending on the programme selected).
Soil sensor	This sensor measures the level of dirt in the water and makes sure that fresh water isn't used if it isn't needed.
Adjustable baskets	<p>Upper basket</p> <ul style="list-style-type: none"> ▪ Additional folding supports for coffee cups and small glasses ▪ The supports are used to place wine and water glasses in a stable position ▪ Special section for drinking glasses, saucers or small bowls ▪ The upper basket comes with several height settings. <p>Lower basket</p> <ul style="list-style-type: none"> • The four rows of prongs can be easily folded to create a large surface for bowls, pans, large platters or even cups and glasses. <p>Various accessories make it flexible and allow you to optimally use the tub.</p>
Extra-height version	The extra-height versions of the Adora dishwasher are a few centimetres higher than the standard appliances and accordingly offer more space, which can reduce the number of rinse cycles.

10 How do I lower energy costs?

- Replace your old dishwasher with a state-of-the-art model with the highest energy class. An appliance with a heat pump beats the best energy classes by miles.
- Select the programme which is best suited to the situation or let your dishwasher decide by setting an automatic programme.
- Allow your dishwasher to run at night to benefit from lower energy prices.

Und so hilft Ihnen V-ZUG	
Dishwasher with heat pump	For a dishwasher with a heat pump (Adora SL WP), the energy consumption is up to 30 % lower than the most highly-rated products with the A+++ label.
Hot water connection	If the appliance is connected to a hot water connection, optimal use is made of the existing hot water. This can massively reduce energy consumption.
Automatic programme	The automatic programme knows what your dishes need. It rinses the dishes in just the right way and thereby saves up to 30 % in water, electricity and regenerating salt. Water consumption can therefore be reduced by up to 5 litres per rinse, depending on the degree of soiling.
Eco programme	The most efficient programme in terms of water and energy consumption for normally soiled dishes. It requires just 0.55 kWh per rinse cycle.
Additional 'Energy saving' function	With the additional 'Energy saving' function, you reduce the rinse temperature by 5 °C, which results in an energy saving of approx. 10 %.
Additional 'Delayed start' function	Allows rinsing in off-peak hours (e.g. with low-energy tariff). You can set the start time between 30 minutes and 24 hours ahead.
Additional 'OptiStart' function	The additional 'OptiStart' function is a world first that comes into play in combination with the delayed start. The dishes are soaked during the waiting time, resulting in improved cleaning and a further reduction in energy consumption by up to 10 %.
EcoManagement	Rinse with V-ZUG EcoManagement. It contributes indirectly to saving by keeping track of water and energy use. It displays information concerning the energy and water consumption of the appliance and thus encourages sustainable use of energy.

11 How do I make the dishwasher run quietly?

- In addition to the quality of the device, high noise levels can be caused by incorrect loading or overloading. Objects may block the mechanical cleaning elements which causes annoying sounds. Objects that are often incorrectly loaded include ladles.
- With some practice at loading and using cleverly arranged baskets, everything can be properly and efficiently loaded. This prevents noises and allows the water nozzles to reach the entire interior.

How V-ZUG helps you:	
Silent programme	At least 37 dB(A), this programme can hardly be heard. You can therefore leave the dishwasher loaded with normally soiled dishes running at night and rest assured that everything will be clean by the morning. By the way: 37 decibels is the same volume as a whisper.
Adjustable baskets	<p>Upper basket</p> <ul style="list-style-type: none">▪ Additional folding supports for coffee cups and small glasses▪ The supports are used to place wine and water glasses in a stable position▪ Special section for drinking glasses, saucers or small bowls▪ The upper basket comes with several height settings. <p>Lower basket</p> <ul style="list-style-type: none">▪ The four rows of prongs can be easily folded to create a large surface for bowls, pans, large platters or even cups and glasses.
Cutlery drawer	The cutlery drawer developed by V-ZUG provides an ergonomic solution for stacking cutlery. You can also stack your cutlery in a structured manner so that they don't touch one another. This makes sure that your cutlery is clean all over without any scratch marks.

12 What do I do if my dishes won't clean properly?

- Select a more powerful programme
- Load the basket differently and prevent spray shadows.
- Clean the filter system and insert it correctly.
- Check whether the spray arms are blocked or dirty.
- Use the right amount of detergent or use a different one.
- Set the right water hardness.
- Refill the regenerating salt.
- If the dishes are wet, without shine and showing signs of dry spots, refill the brightener, increase the dosage or change to a different product.

13 What should I be careful with when washing up?

- Check whether an item is dishwasher-safe or not.
- Wash items made of wood or plastic that are sensitive to alkalis or heat by hand.
- Earthenware tends to crack and splinter.
- Glass and porcelain prints may dissolve over time.
- Glass, namely crystal glass, can become cloudy depending on the type of detergent used. Contact your manufacturer regarding dishwasher safety.
- Dishes with stickers should not be put in the dishwasher. Dissolved stickers can block the filter system.
- Objects made of silver, copper and tin tend to stain brown or black.
- Aluminium tends to form stains. Wash aluminium separately or by hand.

14 Overview of the programmes, additional functions and product equipment for the Adora dishwashers described in this guide

	Adora SL WP	Adora SL	Adora S	Adora N
Energy-efficiency class (better than A+++)	A+++ (-30%)	A+++ (-10%)	A+++ (-10%)	A++
Automatic programme	✓	✓	✓	✓
Eco programme	✓	✓	✓	✓
Fondue/raclette programme	✓	✓	✓	
Glass programme	✓	✓	✓	
Intensive programme	✓	✓	✓	✓
MachineCare programme	✓	✓		
Silent programme	✓	✓		
Pre-rinse programme	✓	✓	✓	✓
Additional 'Energy saving' function	✓	✓	✓	✓
Additional 'OptiStart' function	✓	✓		
Additional 'Delayed start' function	✓	✓	✓	✓ (max. 9h)
Additional 'SteamFinish' function	✓	✓		
Additional 'Partial load' function	✓	✓	✓	
Additional 'DryPlus' function	✓	✓	✓	✓
Adjustable baskets	✓	✓	✓	✓
Modification to the storage period of the water tank	✓	✓		

	Adora SL WP	Adora SL	Adora S	Adora N
Automatic brightener dosage	✓	✓	✓	
Automatic water hardness control	✓	✓		
Automatic door opener	✓	✓	✓	
Cutlery drawer		✓		
Extra-height version		✓	✓	✓
EcoManagement	✓	✓		
Ideal for tabs	✓	✓	✓	✓
Swiss Made	✓	✓	✓	✓
Soil sensor	✓	✓	✓	✓
Heat pump	✓			
Hot water connection	✓	✓	✓	✓
Accessories	✓	✓	✓	✓

The features can be adapted depending on the model. For exact details and additional information, please contact your specialist retailer or visit vzug.com.

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