

jura®



Z8 Instructions for Use



For your safety: read and understand manual before use.

Your Z8

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Symbol description

Warnings



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

Symbols used



Prompt to take action. This symbol means that you are being prompted to perform some action.



Information and tips to make it even easier to use your Z8.



Display message

IMPORTANT SAFEGUARDS

Follow the basic safety precautions

When using electrical appliances, basic safety precautions shall always be followed, to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

- Read all instructions.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock and injury to persons, do not immerse power cord, plugs, or body of machine in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or adjustment.
- The use of an accessory attachment not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
- Do not use outdoors.
- Do not let the cord hang over the edge of a table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- To disconnect, turn any control to 'OFF' then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- Use extreme caution when dispensing hot steam, hot water or hot coffee.

SAVE THESE INSTRUCTIONS.

Pass them on to any subsequent user.

Intended use The appliance is designed and intended for household use only. It shall only be used for coffee preparation and to heat milk and water, according to these instructions. Use for any other purpose will be deemed improper. JURA Elektroapparate AG cannot accept any responsibility for the consequences of improper use.

People, including children, who

- do not have the physical, sensory or mental capabilities to use the appliance safely or
- are inexperienced or lack knowledge in how to use the appliance safely

must be supervised by a responsible person when using it, or must be instructed in how to use it correctly.

Special power cord set instructions

- A short power-supply cord is to be provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
- The cord shall be arranged so that it will not drape over the counter top or table top where it can be pulled on by children or tripped over.
- This appliance has a 3-pin grounded plug.
- Do not modify the plug in any way.

Extension cords are available and may be used if care is exercised in their use.

If the user chooses to use an extension cord,

- the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance, and
- if the appliance is of the grounded type, the extension cord should be a grounding type 3-wire cord, and
- the longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over.

⚠ WARNING



To reduce the risk of fire or electric shock, DO NOT remove any service covers. DO NOT modify the appliance in any way that is not described in these instructions. NO user serviceable parts included. Repair MUST be done by authorized personnel only.

In the event of signs of damage, for example if there is a smell of burning, unplug the machine immediately from outlet and contact JURA customer service.

IMPORTANT SAFEGUARDS

CAUTION

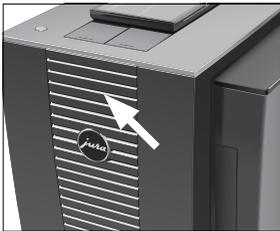
This appliance is for household use. Any servicing other than cleaning and user maintenance shall be performed by an authorized service representative:

- Do not immerse base in water or try to disassemble.
- Do not put the appliance or any individual parts in the dishwasher.
- Check voltage to be sure that the voltage indicated on the name plate complies with your voltage. The name plate is located on the underside of the appliance.
- Never use warm or hot water to fill the water container. Use cold water only.
- Keep your hands and the cord away from hot parts of the appliance during operation.

There is a risk of scalds or burns on the spouts and the cappuccino frother / nozzle.

- Keep children away.
- Do not touch any hot parts. Use the handles or knobs provided.
- Ensure that the cappuccino frother / nozzle is correctly fitted and clean. If incorrectly fitted or if they become blocked, the cappuccino frother or its parts might come off.

NOTICE

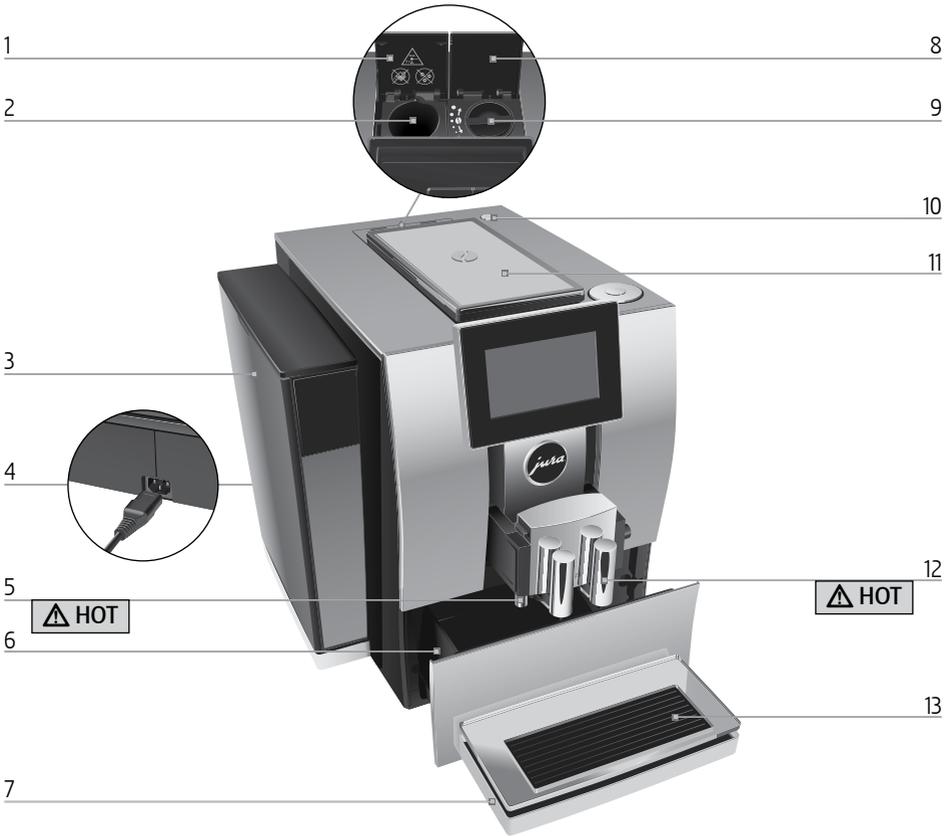


- Never clean with scouring powders or hard implements.
- Ensure that the ventilation slots are not covered.
- Never pull out the drip tray during the brewing process. Only pull the drip tray when the display instructs you or when the appliance is ready for use.

**NEVER DO
(or you will void your
warranty protection):**

- Never fill instant coffee, chocolate mix etc. into the bean container or ground coffee funnel (filler funnel for ground coffee). It will damage the functioning of the brewing chamber.
- Never fill sugar coated coffee beans into the bean container. In case of doubt, call your dealer.
- Never fill anything other than coffee beans into the bean container (no chocolate, no rice, no nuts, no spices, nothing other than roasted coffee beans).
- Never fill frozen beans into the bean container. If you store beans in the freezer, let them thaw 3 to 4 hours before filling them into the bean container.
- Never fill anything but fresh, cold and clean water into the water tank, except when decalcifying.
- Never use mineral or carbonated water. You can use tap water, bottled water, spring water and reverse osmosis water.
- Never do anything with the machine which is not described in these instructions. In case of doubt, call your dealer.

Control elements



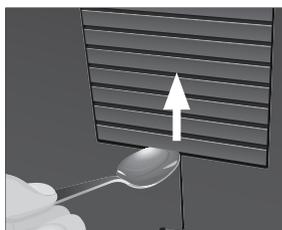
- | | | | |
|---|--|----|---|
| 1 | Cover for powder chute for ground coffee | 8 | Cover cap for grinder adjustment switch |
| 2 | Powder chute for ground coffee | 9 | Grinder adjustment switch |
| 3 | Water tank | 10 | On/Off button  |
| 4 | Power cord (disconnectable)
(back of the machine) | 11 | Bean container with aroma preservation cover |
| 5 | Hot-water spout | 12 | Height- and width-adjustable dual spout |
| 6 | Coffee grounds container | 13 | Cup platform |
| 7 | Drip tray | | |



1 Touchscreen display

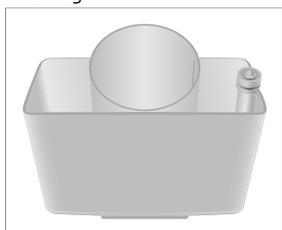
2 Rotary Switch

Back of the machine: Service socket for JURA Smart Connect



Accessories

Container for milk system cleaning



Measuring spoon for ground coffee



Filler funnel for ground coffee



1 Preparing and using for the first time

JURA on the Internet

Visit us on the Internet (jura.com). You will find interesting and up-to-date information on your Z8 and on every aspect of coffee.

If you need assistance with using your machine, you can find this at jura.com/service.

Operation with touchscreen display and Rotary Switch

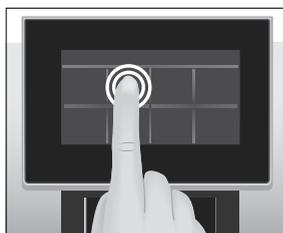
Your Z8 features a touchscreen display. There are two ways of operating the touch display:

- **Touch**

Touch the display with your finger, for example to start coffee preparation or undertake various settings in programming mode.

- **Slide**

Move your finger across the display from left to right or from top to bottom (or vice versa). For example, you can select one of the specialty coffees in the product selector view or switch between program items in programming mode.



Programming with **Rotary Switch**: Also use the Rotary Switch. As soon as you turn it, the product selector view is displayed. Also navigate through the program items in programming mode and change various settings.

Setting up the machine



When setting up your Z8, please note the following:

- Place the Z8 on a horizontal surface that is not sensitive to water.
- Choose a spot for your Z8 which protects the machine against overheating. Ensure that the ventilation slots are not covered.

Filling the bean container

The bean container has an aroma preservation cover. This will ensure that your coffee beans retain their aroma for longer.

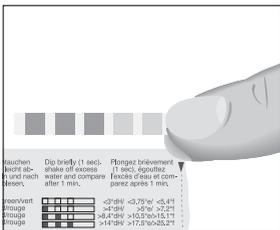
NOTICE

Coffee beans which have been treated with additives (e.g. sugar), ground coffee or freeze-dried coffee will damage the grinder.

- ▶ Only use roasted, untreated coffee beans to fill the bean container.
-
- ▶ Remove the aroma preservation cover.
 - ▶ Remove any dirt or foreign objects from inside the bean container.
 - ▶ Fill the bean container with coffee beans and close the aroma preservation cover.

Determining the water hardness

When you use the machine for the first time, you must set the water hardness. If you do not know the hardness of your water, you can find this out first. Use the Aquadur® test strips supplied with the machine.



- ▶ Hold the test strip briefly (for 1 second) under flowing water. Shake off the water.
- ▶ Wait for about 1 minute.
- ▶ You will then be able to read the degree of water hardness from the discoloration of the Aquadur® test strip and the description on the packaging.

Level	Display German Degree (°dH)	Degrees of general hardness (°dGH)	Parts per million (ppm)	Indicator Strip number of 'reddish' fields
Not active	–	–	–	–
Very soft water	<3	<3	< 53.4	None
Soft water	> 4	> 4	> 71	1
Hard water	> 8.4	> 8.4	> 150	2
Very hard water	> 14	> 14	> 250	3

First-time use

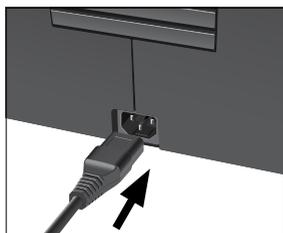
When using the machine for the first time, you can choose whether you want to operate Z8 **with** or **without** the CLEARYL Smart filter cartridge. As well as limescale, the filter cartridge filters many other substances that impair aroma and flavor out of the water. These substances may negatively affect the coffee. To enjoy the best quality coffee at all times, we recommend that you use CLEARYL Smart.

WARNING

If the machine is operated with a defective power cord, there is a danger of potentially fatal electric shock.

- ▶ Never use a machine which is damaged.
- ▶ Never use a machine which has a defective power cord.

i The water volume is given as standard in 'oz'. You can change this setting to 'ml' in programming mode (see Chapter 4 'Permanent settings in programming mode – Unit for amount of water').



Precondition: The bean container has been filled.

- ▶ Connect the power cord to the machine.
- ▶ Insert the mains plug into a power socket.
- ▶ Press the On/Off button  to switch the Z8 on.
'Choose language' / 'English'

i To display more languages, move your finger either downwards or upwards in the selection list until the desired language comes into focus.

- ▶ Touch 'Save'.
'Saved' appears briefly on the display to confirm the setting.
'Water hardness'

- i** If you do not know the hardness of your water, you must find this out first (see Chapter 1 ‘Preparing and using for the first time – Determining the water hardness’).
 - ▶ Move your finger across the display to change the water hardness setting, e.g. to ‘25 °dH’.
 - ▶ Touch ‘Save’.
‘Saved’ appears briefly on the display.
‘Insert filter’

- i** Now decide whether you want to operate your Z8 **with** or **without** a CLEARLYL Smart filter cartridge.

Operation **with** filter cartridge: go straight to the next section.

Operation **without** filter cartridge: see Chapter 1 ‘Preparing and using for the first time – First-time use without filter cartridge activation’.

First-time use with filter cartridge activation

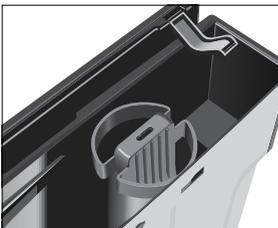
NOTICE

Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▶ Only fill the water tank with fresh, cold water.



- ▶ Place a receptacle under the dual spout and the hot-water spout.
- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fit the filter cartridge extension supplied on top of a CLEARLYL Smart filter cartridge .



- ▶ Insert the filter cartridge with its extension into the water tank.
- ▶ Turn the filter cartridge clockwise until it audibly clicks into place.

1 Preparing and using for the first time

- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

i The machine automatically detects that you have just inserted the filter cartridge.

‘Filter operation’ / ‘Saved’

‘Filter is being rinsed’, the filter is rinsed. The water flows directly into the drip tray.

‘System is filling’, water flows out of the dual and hot-water spout.

‘Empty drip tray’

- ▶ Empty the drip tray and put it back into the machine.
- ▶ Place a receptacle under the dual spout.

‘Machine is heating’

‘Machine is rinsing’, the system is rinsed. The rinse stops automatically. The start screen is displayed. Your Z8 is ready for use.

i If the filter is active, this is indicated by a blue filter symbol at the top of the display.

First-time use without filter cartridge activation

NOTICE Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▶ Only fill the water tank with fresh, cold water.

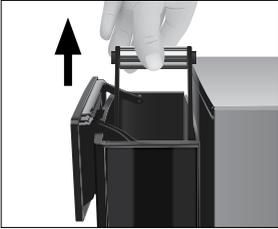
- ▶ Touch ‘No filter’.

‘Descaling mode’ / ‘Saved’

‘Fill water tank’

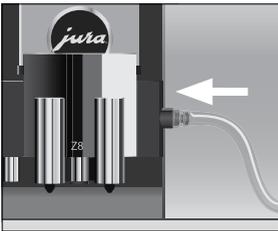
- ▶ Place a receptacle under the dual spout and the hot-water spout.





- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.
'System is filling', water flows out of the dual and hot-water spout.
- 'Machine is heating'**
- 'Machine is rinsing'**, the system is rinsed. The rinse stops automatically. The start screen is displayed. Your Z8 is ready for use.

Connecting milk



Your Z8 creates fine, creamy, feather-light milk foam with a perfect consistency. The most important requirement for frothing milk is a milk temperature of 39–46 °F (4–8 °C). We would therefore recommend using a milk cooler or a vacuum milk container.

- ▶ Connect the milk pipe to the dual spout.
- ▶ Connect the other end of the milk pipe to a milk container or a milk cooler.

Connect accessory (with wireless connection)

Your Z8 is equipped with the JURA Smart Connect. This allows you to connect the machine wirelessly to a compatible JURA accessory (e.g. the Cool Control Wireless milk cooler).

Precondition: The start screen is displayed.

- ▶ Touch **'P'**.
'Machine settings'
- ▶ Touch **'Machine settings'**.
'Switch off after'
- ▶ Move your finger across the display until **'Connect accessory'** is displayed in the center.
- ▶ Touch **'Connect accessory'**.
'Connect accessory'
- ▶ Now follow the instructions on the display to connect the accessory to the Z8.

2 Preparation

⚠ WARNING

Hot coffee, hot steam and hot water can cause scalding. Scalding is a serious burn.

- ▶ Use extreme care when handling hot liquid or steam.
 - ▶ Allow liquid to cool down before drinking.
 - ▶ In the event of scalding, rinse affected area with cold water and seek medical attention.
 - ▶ Keep children AWAY.
-

Basic information about preparing drinks:

- During the grinding operation you can change the coffee strength of **single products**: To do this, move your finger across the display or turn the Rotary Switch.
- During preparation you can change the preset **amounts** (e.g. amount of water or milk foam). To do this, move your finger across the display or turn the Rotary Switch.
- You can stop the machine at any time while a specialty coffee or hot water is being prepared. To do this, press the 'Cancel' button or the Rotary Switch.
- i** The water volume is given as standard in 'oz'. You can change this setting to 'ml' in programming mode (see Chapter 4 'Permanent settings in programming mode – Unit for amount of water').

Coffee tastes best served hot. A cold porcelain cup cools the beverage – and impairs the taste. We therefore recommend prewarming the cups. The full coffee aroma can develop only in prewarmed cups. You can purchase a JURA cup warmer from your specialized dealer.

You can make **permanent settings** for all products in programming mode (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

Ways of preparing a beverage

The Z8 offers various ways of preparing a specialty coffee, milk or hot water.

Preparation using the start screen: Simply touch the desired product. The following products are displayed as standard on the start screen:

Page '1/2'	Page '2/2'
'Ristretto'	'Caffè latte'
'Espresso'	'Americano'
'Coffee'	'Jug of coffee'
'Caffè Barista'	'Hot water'
'Macchiato'	'Flat White'
'Cappuccino'	'Hot water for black tea'
'Latte macchiato'	'Hot water for green tea'
'1 portion milk'	'1 portion milk foam'

Using the product selector view (Rotary Selection): Only some of the products you can prepare are shown on the start screen. As soon as you turn the Rotary Switch, more products are displayed in a **product selector view**.

Turn the Rotary Switch or move your finger across the display to bring the desired product into focus. Touch the product or press the Rotary Switch to start preparation. The following additional products are shown in the product selector view:

- '2 x Ristretto'
- '2 x Espresso'
- '2 x Coffee'
- '2 x Caffè Barista'
- '2 x Americano'

- i** The product selector view disappears automatically after 10 seconds if no preparation is started.
- i** The last product selected always appears first in the product selector view.
- i** You can move any of the standard products programmed in your Z8 to your preferred position on the start screen and make it one of your favorites. You can duplicate and personalize your favorite specialty coffees by giving them a

new product name and individual settings (e.g. amount and coffee strength) (see Chapter 4 'Permanent settings in programming mode – Product settings'). Please note that the descriptions provided in the following sections always refer to the default settings.

Ristretto, espresso and coffee



Example: Proceed as follows to prepare one coffee.

Precondition: The start screen is displayed.

- ▶ Place a cup under the dual spout.
- ▶ Touch 'Coffee'.

Preparation starts. The preset amount of water for coffee flows into the cup.

Preparation stops automatically. The start screen is displayed.

Two ristretti, two espressi and two coffees



Example: Proceed as follows to prepare **two ristretti** (using product selector view).

Precondition: The start screen is displayed.

- ▶ Place two cups under the dual spout.
- ▶ Turn the Rotary Switch to view the product selector.
- ▶ Move your finger across the display until '2 x Ristretto' is displayed in the center.
- ▶ Touch '2 x Ristretto' to start preparation.

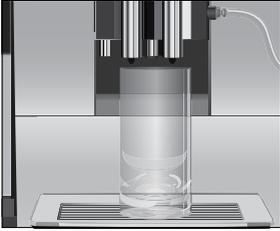
Preparation starts. The preset amount of water for coffee flows into the cups. Preparation stops automatically. Your Z8 is once more ready for use.

Latte macchiato, cappuccino and other specialty coffees with milk

Your Z8 prepares latte macchiato, cappuccino, flat white and other specialty coffees with milk at the touch of a button. There is no need to move the glass or cup.

Example: Proceed as follows to prepare one latte macchiato.

Precondition: The start screen is displayed. Milk is connected to the dual spout.



- ▶ Place a glass under the dual spout.
 - ▶ Touch 'Latte macchiato'.
- 'Latte macchiato', the preset amounts of milk and milk foam flow into the glass.

- i** There is a short interval while the hot milk separates from the milk foam. This allows the typical layers of a latte macchiato to form.

Coffee preparation starts. The preset amount of water for espresso flows into the glass. Preparation stops automatically. Your Z8 is once more ready for use.

- i** 15 minutes after preparation, the milk system is automatically rinsed (see Chapter 5 'Maintenance – Automatic milk system rinsing'). Therefore always place a receptacle under the dual spout after preparing milk.

To ensure that the milk system in the dual spout always works properly, you must clean it **daily** (see Chapter 5 'Maintenance – Cleaning the milk system').

Caffè Barista and Americano

For the 'Caffè Barista' and 'Americano', the Z8 blends the coffee with hot water using a special preparation method. This results in a full-bodied specialty coffee which is particularly light and digestible. You can change the amount of this additional water (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

Ground coffee

You can choose to use a second coffee variety, for example decaffeinated coffee, with the filter funnel for ground coffee.

- i** Never add more than two level measuring spoons of ground coffee.
- i** Use ground coffee which is not ground too finely. Very fine coffee can block up the system so that the coffee only comes out in drips.
- i** If you did not fill the machine with a sufficient amount of ground coffee, 'Not enough ground coffee' is displayed and the Z8 stops the operation.

2 Preparation

- i** The desired specialty coffee must be prepared within approximately one minute after filling with the ground coffee. Otherwise the Z8 stops the operation and is once more ready for use.

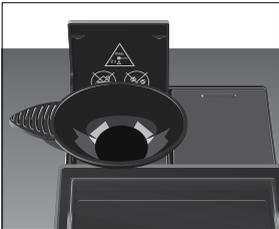
All specialty coffees with ground coffee are always prepared following the same model.

Example: Proceed as follows to prepare one espresso using ground coffee.

Precondition: The start screen is displayed.

- ▶ Place an espresso cup under the coffee spout.
- ▶ Open the powder chute cover.

‘Please add ground coffee’



- ▶ Fit the filler funnel for ground coffee.
- ▶ Place one level measuring spoon of ground coffee into the filler funnel.
- ▶ Remove the filler funnel and close the cover of the powder chute.

‘Please select product’

- ▶ Touch **‘Espresso’**.

Preparation starts. **‘Espresso’** appears and the preset amount of water for espresso flows into the cup.

Preparation stops automatically. Your Z8 is once more ready for use.

Adjusting the grinder

You can adjust the grinder on a continuous scale to suit the degree of roast of your coffee.

NOTICE If you adjust the consistency of grind when the grinder is not operating, the grinder adjustment switch could be damaged.

- ▶ Only adjust the consistency of grind when the grinder is running.

The consistency of grind is correct if the coffee flows regularly from the coffee spout. In addition a fine, thick crema forms.

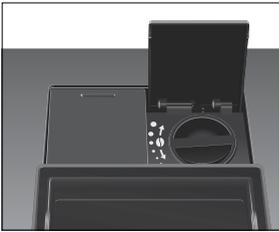
Example: Proceed as follows to change the consistency of grind **during** the preparation of an espresso.

Precondition: The start screen is displayed.

- ▶ Place a cup under the coffee spout.
- ▶ Open the cover of the grinder adjustment switch.
- ▶ Touch **'Espresso'** to start preparation.
- ▶ Turn the grinder adjustment switch to the desired position **while** the grinder is running.

The preset amount of water flows into the cup. Preparation stops automatically.

- ▶ Close the cover of the grinder adjustment switch.



Hot water

The Z8 allows you to prepare different variants of hot water:

- **'Hot water'**
- **'Hot water for black tea'**
- **'Hot water for green tea'**

⚠ CAUTION

There is a danger of scalding from hot water splashes.

- ▶ Avoid direct contact with the skin.

Example: Proceed as follows to prepare hot water for **green tea**.

Precondition: The start screen is displayed.

- ▶ Place a cup under the hot-water spout.
 - ▶ Touch **'Hot water for green tea'**.
- 'Hot water'**, the preset amount of water flows into the cup. Preparation stops automatically. Your Z8 is once more ready for use.



3 Daily operation

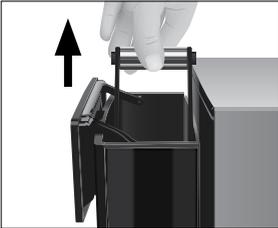
Filling the water tank

Daily maintenance of the machine and hygiene when handling milk, coffee and water are key to a perfect coffee result in the cup every time. You should therefore change the water **daily**.

CAUTION

Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▶ Only fill the water tank with fresh, cold water.
- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.



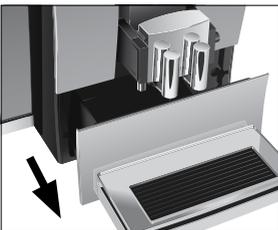
Switching on the machine



- ▶ Place a receptacle under the dual spout.
- ▶ Press the On/Off button  to switch the Z8 on.
'Welcome to JURA'
'Machine is heating'
'Machine is rinsing', the system is rinsed.
The rinse stops automatically. The start screen is displayed.
Your Z8 is ready for use.

Daily maintenance

To ensure that you get many years of reliable service out of your Z8 and to guarantee the optimum coffee quality, the machine requires daily maintenance.



- ▶ Pull out the drip tray.
 - ▶ Empty the coffee grounds container and the drip tray. Rinse them both with warm water.
- i** Always empty the coffee grounds container when the machine is **switched on**. This is the only way of resetting the coffee grounds counter.

- ▶ Refit the coffee grounds container and the drip tray.
- ▶ Rinse the water tank with clean water.
- ▶ Clean the milk system in the dual spout (see Chapter 5 ‘Maintenance – Cleaning the milk system’).
- ▶ Remove the milk pipe and rinse it thoroughly under running water.
- ▶ Dismantle and rinse the dual spout (see Chapter 5 ‘Maintenance – Dismantling and rinsing the dual spout’).
- ▶ Wipe the surface of the machine with a clean, soft, damp cloth (e.g. microfiber cloth).

i To clean the display, you can disable it under ‘Maintenance status’ / ‘Lock display’.

You will find more information about caring for your Z8 in programming mode under ‘Maintenance status’ / ‘Maintenance information’.

Regular maintenance

Carry out the following maintenance actions **regularly** or **as required**:

- In the interests of hygiene, we recommend changing the milk pipe and interchangeable milk spout on a regular basis (approximately every 3 months). Replacements are available from specialized dealers.
- Clean the inside of the water tank, e.g. with a brush. Further information about the water tank is provided in these instructions for use (see Chapter 5 ‘Maintenance – Descaling the water tank’).
- Traces of milk and coffee may stick to the top and bottom of the cup platform. If this happens, clean the cup platform.

Switching off the machine



When the Z8 is switched off, the system is automatically rinsed if a specialty coffee has been prepared. If milk has been prepared, you will also be prompted to clean the milk system.

Precondition: The start screen is displayed. (Or 'Clean the milk system' is displayed if milk has been prepared.)

- ▶ Place a receptacle under the dual spout.
- ▶ Press the On/Off button .

i If milk has been prepared, you will be prompted to clean the milk system ('Clean the milk system'). After 10 seconds the switch-off process continues automatically.

If milk has been prepared but you have not started milk system cleaning, the milk system is rinsed first ('Milk system is being rinsed').

'Machine is rinsing', the system rinses itself. The operation stops automatically. Your Z8 is switched off.

4 Permanent settings in programming mode

WARNING

Hot coffee, hot steam and hot water can cause scalding. Scalding is a serious burn.

- ▶ Use extreme care when handling hot liquid or steam.
- ▶ Allow liquid to cool down before drinking.
- ▶ In the event of scalding, rinse affected area with cold water and seek medical attention.
- ▶ Keep children AWAY.

Touch 'P' to enter programming mode. Move your finger across the display to navigate through the program items and permanently save the desired settings. The following settings can be made:

Program item	Sub-item	Explanation
'Machine settings'	'Switch off after'	▶ Set the time after which the Z8 should switch off automatically.
	'Save energy'	▶ Activate energy-saving mode.
	'Factory setting'	▶ Reset the machine to its factory setting.
	'Units'	▶ Select the unit for the amount of water.
	'Display'	▶ Change the display settings.
	'Water hardness'	▶ Adjust the water hardness.
	'Choose language'	▶ Select your language.
	'Water tank illumination'	▶ Change the setting for water tank illumination.
	'Product counter', 'Maintenance counter'	▶ Keep track of all products prepared and view the number of maintenance programs performed.
	'Connect accessory', 'Disconnect accessories' (Only displayed if the JURA Smart Connect is being used.)	▶ Connect the Z8 wirelessly to a JURA accessory or disconnect the connection again.
	'Empty system'	▶ Empty the system to protect it from frost during transport.
	'Version'	Software version

4 Permanent settings in programming mode

Program item	Sub-item	Explanation
'Maintenance status'	'Clean', 'Change the filter' (only if filter is fitted), 'Descale', 'Clean the milk system', 'Rinse', 'Lock display', 'Maintenance information'	▶ Start the required maintenance program here.
'Product settings'		▶ Select your settings for specialty coffees and hot water.

Product settings

Touch a product for **about 2 seconds** to view the list of setting options:

- **'Product settings'**: Specify individual settings such as coffee strength, amount of water etc.
 - **'Product name'**: Change the name of the product.
 - **'Delete'**: Remove a product from the start screen.
 - **'Replace product'**: Replace the products on the start screen with your favorites.
 - **'Copy product'**: Duplicate any product, for example to create a variant with a new product name and individual settings.
 - **'Double product'** (not for products with milk or hot water): Create a double product of the desired specialty.
- i** You can only change the settings of products that are stored on the start screen.

Adjusting the product settings



WARNING

Hot coffee, hot steam and hot water can cause scalding. Scalding is a serious burn.

- ▶ Use extreme care when handling hot liquid or steam.
- ▶ Allow liquid to cool down before drinking.
- ▶ In the event of scalding, rinse affected area with cold water and seek medical attention.
- ▶ Keep children AWAY.

The following settings can be set permanently for all specialty coffees, milk and hot water:

Product	Coffee strength	Amount	More settings
Ristretto, Espresso	10 levels	Coffee: 0.5 oz – 2.5 oz (15 ml – 80 ml)	Temperature (low, normal, high), product name, delete/replace/copy/double product
Coffee	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml)	Temperature (low, normal, high), product name, delete/replace/copy/double product
Caffè Barista, Americano	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml) Bypass water: 0 oz – 6.0 oz (0 ml – 180 ml)	Temperature (low, normal, high), product name, delete/replace/copy/double product
Two ristretti, Two espressi, Two coffees, Two Caffè Barista, two Americano	–	Coffee: the amount set for the single product is doubled.	Temperature (as for single product), product name, delete product
Cappuccino	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml) Milk foam: 0 sec. – 120 sec.	Milk foam temperature, temperature (low, normal, high), product name, delete/replace/copy product
Latte macchiato	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml) Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Milk and milk foam temperature, temperature (low, normal, high), product name, delete/replace/copy product
Macchiato	10 levels	Coffee: 0.5 oz – 2.5 oz (15 ml – 80 ml) Milk foam: 0 sec. – 120 sec.	Milk foam temperature, temperature (low, normal, high), product name, delete/replace/copy product
Flat White, Caffè latte	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml) Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam temperature, temperature (low, normal, high), product name, delete/replace/copy product

4 Permanent settings in programming mode

Product	Coffee strength	Amount	More settings
Jug of coffee	10 levels	Coffee: 1 oz – 8.0 oz (25 ml – 240 ml) Bypass water: 0 oz – 6.0 oz (0 ml – 180 ml)	Temperature (low, normal, high), product name, delete/replace/copy product, number of strokes (1–5; set number is displayed during preparation)
Portion of milk foam, Portion of milk	–	Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam temperature, product name, delete/replace/copy product
Hot water, Hot water for green tea, Hot water for black tea	–	Water: 1 oz – 15.0 oz (25 ml – 450 ml)	Temperature (low, normal, high), product name, delete/replace/copy product

Permanent settings in programming mode always follow the same model.

Example: Proceed as follows to change the coffee strength for one espresso.

Precondition: The start screen is displayed.

- ▶ Touch **‘Espresso’** for **about 2 seconds** until the list of possible settings is displayed.
- ▶ Touch **‘Product settings’**.
‘Espresso’
- ▶ Move your finger across the display until **‘Coffee strength’** is displayed in the center.
- ▶ Now move your finger to the left or right to change the setting for the coffee strength.
- ▶ Touch **‘Save’**.
‘Saved’ appears briefly on the display.
- ▶ Touch **‘Back’** the number of times needed to display the start screen again.

Automatic switch-off

By instructing your Z8 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your Z8 switches off automatically after the preset time following the last action on the machine.

You can set the automatic switch-off to 15 minutes, 30 minutes or 1–9 hours.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Touch 'Switch off after'.
'Switch off after'
- ▶ Now move your finger to the left or right to change the switch-off time.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Switch off after'
- ▶ Touch 'Back' the number of times needed to display the start screen again.

Energy-saving mode

In the program item 'Machine settings' / 'Save energy' you can set an energy-saving mode:

- 'Active'
 - Soon after the last preparation, the Z8 stops heating up. After approximately 5 minutes, the 'ESM' symbol (E.S.M.®, Energy Save Mode) is displayed.
 - Before you can prepare a specialty coffee, specialty coffee with milk, or hot water, the machine must heat up.
- 'Inactive': All specialty coffees, specialty coffees with milk and hot water can be prepared without having to wait.

Example: Proceed as follows to switch energy-saving mode off.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Save energy' is displayed in the center.
- ▶ Touch 'Save energy'.
'Save energy'
- ▶ Now move your finger across the controller and set it to '0'.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Save energy'

- ▶ Touch 'Back' the number of times needed to display the start screen again.

Restore factory settings

In the program item 'Machine settings' / 'Factory setting' the machine can be reset to its factory setting: **All user settings** (apart from the 'filter' and 'water hardness') are reset to factory settings. Your Z8 then switches off.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Factory setting' is displayed in the center.
- ▶ Touch 'Factory setting'.
'Factory setting' / 'Reset the machine to the factory settings?'
- ▶ Touch 'Yes'.
'Saved' appears briefly on the display.
Your Z8 is switched off.

Unit for amount of water

In the program item 'Machine settings' / 'Units' you can select the unit used for the amount of water.

Example: Proceed as follows to change the unit for the amount of water from 'ml' to 'oz'.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Units' is displayed in the center.
- ▶ Touch 'Units'.
'Units'
- ▶ Now move your finger to the left or right to change the setting to 'oz'.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Units'

- ▶ Touch 'Back' the number of times needed to display the start screen again.

Display settings

In the program item 'Machine settings' / 'Display' you can set the display brightness (as a percentage).

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Display' is displayed in the center.
- ▶ Touch 'Display'.
'Display'
- ▶ Now move your finger to the left or right to change the setting.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Display'
- ▶ Touch 'Back' the number of times needed to display the start screen again.

Setting the water hardness

The harder the water is, the more frequently the Z8 needs to be descaled. It is therefore important to set the water hardness accurately.

The water hardness was set when the machine was first used. You can change this setting at any time.

The water hardness can be adjusted on a continuous scale between 1 °dH and 30 °dH.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Water hardness' is displayed in the center.
- ▶ Touch 'Water hardness'.
'Water hardness'

- ▶ Now move your finger to the left or right to change the setting.
- ▶ Touch 'Save'.
'Saved' appears briefly on the display.
'Water hardness'
- ▶ Touch 'Back' the number of times needed to display the start screen again.

Language

In this program item you can set the language used by your Z8.

Example: Proceed as follows to change the language from 'English' to 'Deutsch'.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'
- ▶ Touch 'Machine settings'.
'Switch off after'
- ▶ Move your finger across the display until 'Choose language' is displayed in the center.
- ▶ Touch 'Choose language'.
'Choose language'
- ▶ Move your finger across the display until the desired language, e.g. 'Deutsch', is displayed in the center.
- ▶ Touch 'Save'.
'Gespeichert' appears briefly on the display.
'Sprachauswahl'
- ▶ Touch 'Zurück' the number of times needed to display the start screen again.

Water tank illumination

In the program item 'Machine settings' / 'Water tank illumination' you can change the setting for water tank illumination:

- 'Permanent': The water tank is always illuminated.
- 'Temporary': The water tank is only illuminated when a product is being prepared.

Example: Proceed as follows to change the water tank illumination from 'Permanent' to 'Temporary'.

Precondition: The start screen is displayed.

- ▶ Touch 'P'.
'Machine settings'

- ▶ Touch **'Machine settings'**.
'Switch off after'
- ▶ Move your finger across the display until **'Water tank illumination'** is displayed in the center.
- ▶ Touch **'Water tank illumination'**.
'Water tank illumination'
- ▶ Now move your finger to the left or right to change the setting to **'Temporary'**.
- ▶ Touch **'Save'**.
'Saved' appears briefly on the display.
'Water tank illumination'
- ▶ Touch **'Back'** the number of times needed to display the start screen again.

Querying information

In the program item **'Machine settings'** you can view the following information:

- **'Product counter'**: Number of prepared coffee specialty coffees, specialty coffees with milk and hot water
- **'Maintenance counter'**: Number of maintenance programs performed (cleaning, descaling etc.)
- **'Version'**: Software version

Example: Proceed as follows to view the number of specialty coffees prepared.

Precondition: The start screen is displayed.

- ▶ Touch **'P'**.
'Machine settings'
- ▶ Touch **'Machine settings'**.
'Switch off after'
- ▶ Move your finger across the display until **'Product counter'** is displayed in the center.
- ▶ Touch **'Product counter'**.
'Product counter'
- ▶ Touch **'Next'** to view the number of other products.
- ▶ Touch **'Back'** the number of times needed to display the start screen again.

5 Maintenance

 **WARNING**

Use of maintenance products that are harmful to health and discharge of liquids during maintenance program. Harmful if swallowed. Irritating to eyes and skin.

- ▶ Keep children AWAY.
 - ▶ Keep children away from the machine while it is performing a maintenance program.
 - ▶ Avoid contact with skin and eyes.
 - ▶ Avoid generation of dust. Do not inhale dust.
 - ▶ When using do not eat or drink.
 - ▶ Keep maintenance products away from food, drink and animal food.
 - ▶ Keep container tightly closed and dry. Keep in a cool place.
-

Your Z8 has the following integrated maintenance programs:

- Rinsing the machine ('Rinse')
- Rinsing the milk system in the dual spout
- Cleaning the milk system in the dual spout ('Clean the milk system')
- Changing the filter ('Change the filter')
(only if filter is activated)
- Cleaning the machine ('Clean')
- Descaling the machine ('Descale')

- i** Clean or descale the machine, clean the milk system or change the filter when you are prompted to do so.
- i** Touch ' P ' or press the Rotary Switch to view the list of maintenance programs ('Maintenance status'). When the bar is completely filled with red, your Z8 will prompt you to perform the appropriate maintenance program.
- i** In the interests of hygiene, you should clean the milk system **daily** when you have been preparing milk.

Rinsing the machine



You can initiate the rinse operation manually at any time.

Precondition: The start screen is displayed.

- ▶ Place a receptacle under the dual spout.
- ▶ Touch 'P'.
- ▶ 'Machine settings'
- ▶ Move your finger across the display until 'Maintenance status' is displayed in the center.
- ▶ Touch 'Maintenance status'.
- ▶ 'Clean the milk system'
- ▶ Move your finger across the display until 'Rinse' is displayed in the center.
- ▶ Touch 'Rinse' to start the rinse operation.
- ▶ 'Machine is rinsing', 'Milk system is being rinsed', water flows out of the dual spout.
- ▶ The rinse stops automatically. The start screen is displayed.

Automatic milk system rinsing

15 minutes after milk preparation, the milk system is **automatically** rinsed. Therefore always place a receptacle under the dual spout after preparing milk.

Cleaning the milk system

To ensure that the milk system in the dual spout always works properly, you must clean it **daily** when you have been preparing milk.

WARNING

Non-recommended cleaning agents will not optimally remove milk residues. This may cause the cappuccino frother to become blocked and fly off the machine. Discharge of hot steam.

- ▶ Use only original JURA milk system cleaner.

WARNING

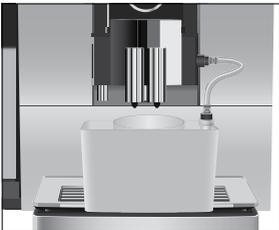
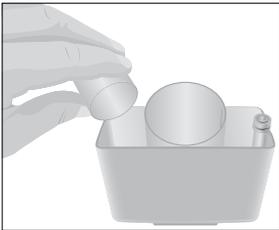
Harmful and irritating cleaning agent. Harmful if swallowed. Irritating to eyes and skin.

- ▶ Keep children AWAY.
- ▶ Avoid contact with skin and eyes.
- ▶ After contact with skin, wash immediately with plenty of water. In case of skin irritation, seek medical advice.
- ▶ After eye contact, immediately flush eyes with plenty of water and seek medical advice.
- ▶ If swallowed, rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Seek medical advice immediately and show label.

- i** JURA milk system cleaner is available from specialized dealers.
- i** To clean the milk system, use the container supplied.

Precondition: The start screen is displayed. 'Clean the milk system' is displayed.

- ▶ Touch 'Clean the milk system'.
- ▶ Touch 'Clean the milk system' again.
- ▶ Touch 'Start'.
- ▶ Touch 'Start' again.
'Milk system cleaner' / 'Connect the milk tube'
- ▶ Remove the milk pipe from the milk container.
- ▶ Add 1 capful of milk system cleaner to the outer, rectangular part of the container.

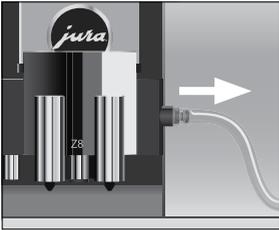


- ▶ Place the container under the dual spout and connect the milk pipe with the container.
- i** To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.
- ▶ Slide the dual spout down to fix the container in place.
- ▶ Touch 'Next'.
'Milk system is being cleaned', the dual spout and the pipe are cleaned.
The operation stops automatically. 'Milk system cleaning complete' appears briefly on the display.
The start screen is displayed.

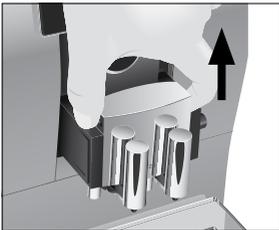
Dismantling and rinsing the dual spout

The dual spout must be dismantled and rinsed **daily** if milk has been prepared to make sure it functions perfectly and also in the interests of hygiene.

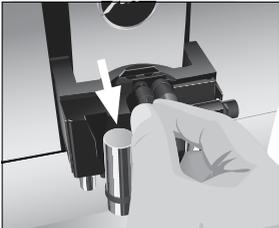
- ▶ Remove the milk pipe and rinse it thoroughly under running water.



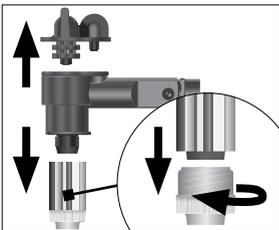
- ▶ Press the releasing devices and pull the cover of the dual spout up and off.



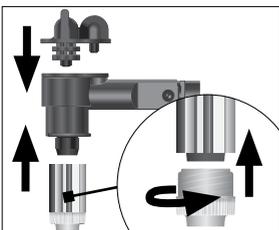
- ▶ Remove the milk system from the dual spout.



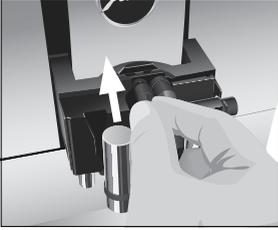
- ▶ Dismantle the milk system into its individual parts.
- ▶ Rinse all the parts under running water. If there are severely dried-on milk residues, firstly immerse the individual parts in a solution of 8.5 oz (250 ml) cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.



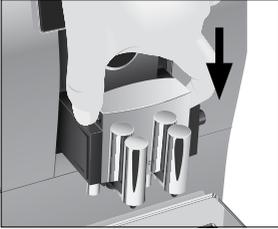
- ▶ Reassemble the milk system.



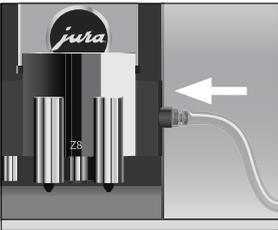
5 Maintenance



- ▶ Fit the assembled individual parts back in the dual spout and press it firmly.



- ▶ Fit the cover of the dual spout. Make sure the cover of the dual spout is correctly fitted.



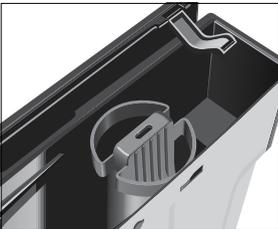
- ▶ Connect the milk pipe to the dual spout.

Inserting the filter

Your Z8 no longer has to be descaled if you are using the CLEARYL Smart filter cartridge. If you did not insert the filter cartridge the first time you used the machine, you can do this now as follows.

Precondition: The start screen is displayed.

- ▶ Remove and empty the water tank.
- ▶ Fit the filter cartridge extension supplied on top of a CLEARYL Smart filter cartridge .
- ▶ Insert the filter cartridge with its extension into the water tank.
- ▶ Turn the filter cartridge clockwise until it audibly clicks into place.



- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

i The machine automatically detects that you have just inserted the filter cartridge.

‘Filter operation’ / ‘Saved’

‘Filter is being rinsed’, the filter is rinsed. The water flows directly into the drip tray.

‘Empty drip tray’

- ▶ Empty the drip tray and put it back into the machine.

‘Filter operation’ / ‘Filter rinsing complete’

The start screen is displayed. Your Z8 is once more ready for use.

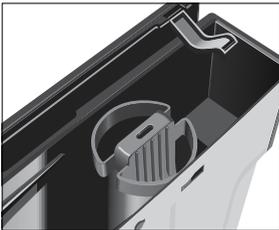
Changing the filter

i Once the filter cartridge stops working (depending on the water hardness setting), the Z8 will prompt you to change the filter.

i CLEARYL Smart filter cartridges are available from specialized dealers.

Precondition: The start screen is displayed. ‘Change the filter’ is displayed.

- ▶ Remove and empty the water tank.
- ▶ Turn the filter cartridge anti-clockwise and remove it along with the extension from the water tank.
- ▶ Fit the filter cartridge extension on top of a **new** CLEARYL Smart filter cartridge.
- ▶ Insert the filter cartridge with its extension into the water tank.
- ▶ Turn the filter cartridge clockwise until it audibly clicks into place.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.



i The machine automatically detects that you have just changed the filter cartridge.

‘Filter operation’ / ‘Saved’

'Filter is being rinsed', the filter is rinsed. The water flows directly into the drip tray.

'Empty drip tray'

- ▶ Empty the drip tray and put it back into the machine.

'Filter operation' / 'Filter rinsing complete'

The start screen is displayed. Your Z8 is once more ready for use.

Cleaning the machine

After 180 preparations or 80 switch-on rinses, the Z8 will prompt you to clean it.

WARNING

Non-recommended (e.g. liquid) cleaning agents may contain substances that could damage the machine or leave residues.

- ▶ Use only original JURA cleaning tablets. These are specially formulated for your machine.

WARNING

Harmful and irritating cleaning agent. Harmful if swallowed. Irritating to eyes and skin.

- ▶ Keep children AWAY.
- ▶ Avoid contact with skin and eyes.
- ▶ Avoid generation of dust. Do not inhale dust.
- ▶ After contact with skin, wash immediately with plenty of water. In case of skin irritation, seek medical advice.
- ▶ After eye contact, immediately flush eyes with plenty of water and seek medical advice.
- ▶ If swallowed, rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Seek medical advice immediately and show label.

i The cleaning program lasts approximately 20 minutes.

i Do not interrupt the cleaning program. The quality of cleaning will be impaired if you do so.

i JURA cleaning tablets are available from specialized dealers.

Precondition: The start screen is displayed. 'Clean machine' is displayed.

- ▶ Touch 'Clean machine'.
'Clean'
- ▶ Touch 'Clean'.

- ▶ Touch **'Start'**.
- ▶ Touch **'Start'** again.
'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Press the Rotary Switch'
- ▶ Place a receptacle under the dual spout.
- ▶ Press the Rotary Switch.
'Machine is being cleaned', water flows out of the dual spout. The operation is interrupted, **'Add cleaning tablet'**.
- ▶ Open the cover of the filler funnel for ground coffee.



- ▶ Insert a JURA cleaning tablet into the filler funnel.
- ▶ Close the cover of the filler funnel.
'Press the Rotary Switch'
- ▶ Press the Rotary Switch.
'Machine is being cleaned', water flows out of the dual spout repeatedly. The operation stops automatically.
'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
Cleaning is now complete. The start screen is displayed.

Descaling the machine

The Z8 builds up deposits of limescale over time and automatically prompts you to descale it when necessary. The degree of calcification depends on the hardness of your water.

- i** If you are using a CLEARYL Smart filter cartridge, you will not be prompted to descale.

⚠ WARNING

Non-recommended descaling agents (e.g. vinegar) may contain substances that could damage the machine or leave residues.

- ▶ Use only original JURA descaling tablets. These are specially formulated for your machine.

⚠ WARNING

Harmful and irritating descaling agent. Harmful if swallowed. Irritating to eyes and skin.

- ▶ Keep children AWAY.
- ▶ Avoid contact with skin and eyes.
- ▶ Avoid generation of dust. Do not inhale dust.
- ▶ After contact with skin, wash immediately with plenty of water. In case of skin irritation, seek medical advice.
- ▶ After eye contact, immediately flush eyes with plenty of water. Remove contact lenses. Seek medical advice.
- ▶ If swallowed, rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Seek medical advice immediately and show label.

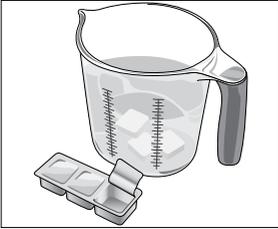
NOTICE If the descaling operation is interrupted, there may be damage to the machine.

- ▶ Allow the descaling program to run to the end.

-
- i** The descaling program lasts approximately 45 minutes.
 - i** JURA descaling tablets are available from specialized dealers.
 - i** If the descaling agent comes into contact with sensitive surfaces (e.g. marble), damage cannot be ruled out. Clean up any splashes immediately.

Precondition: The start screen is displayed. **'Decalcify machine'** is displayed.

- ▶ Touch **'Decalcify machine'**.
'Descal'
- ▶ Touch **'Descal'**.
- ▶ Touch **'Start'**.
- ▶ Touch **'Start'** again.
'Empty drip tray'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Pour descaling agent into water tank'
- ▶ Remove and empty the water tank.



- ▶ Completely dissolve 3 JURA descaling tablets in a receptacle holding 20 oz (600 ml) of water. This may take several minutes.
- ▶ Pour the solution into the **empty** water tank and insert it into the machine.
‘Press the Rotary Switch’



- ▶ Place a receptacle under the hot-water spout and dual spout.
- ▶ Press the Rotary Switch.
‘Machine is being descaled’, water flows straight into the drip tray and out of the hot-water nozzle and dual spout repeatedly.
The operation is interrupted, ‘Empty drip tray’.
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.



- ‘Fill water tank’
- ▶ Empty the receptacle and place it under the hot water and dual spouts.
- ▶ Remove the water tank and rinse it thoroughly.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.
‘Press the Rotary Switch’
- ▶ Press the Rotary Switch.
‘Machine is being descaled’, the descaling operation is continued. Water flows straight into the drip tray and out of the hot-water nozzle and dual spout repeatedly.
‘Empty drip tray’
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
Descaling is now complete. The start screen is displayed.

i If the descaling operation stops unexpectedly, rinse the water tank thoroughly.

Descaling the water tank

Limescale deposits may form in the water tank. To ensure correct function of the machine, descale the water tank from time to time.

- ▶ Remove the water tank.
- ▶ If you use a CLEARYL Smart filter cartridge, remove this.
- ▶ Completely fill the water tank and dissolve 3 JURA descaling tablets in it.
- ▶ Leave the water tank with the descaling solution for several hours (e.g. overnight).
- ▶ Empty the water tank and rinse it thoroughly.
- ▶ If you use a CLEARYL Smart filter cartridge, insert this again.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

Cleaning the bean container

Coffee beans may be covered with a slight oil film which remains on the walls of the bean container. These traces may negatively affect the coffee result. For this reason clean the bean container from time to time.

Precondition: 'Fill bean container' is displayed.

- ▶ Switch the machine off with the On/Off button .
- ▶ Remove the aroma preservation cover.
- ▶ Clean the bean container with a soft, dry cloth.
- ▶ Fill the bean container with coffee beans and close the aroma preservation cover.

6 Display messages

Message	Cause/Result	Action
'Fill water tank'	The water tank is empty. You cannot prepare any products.	▶ Fill the water tank (see Chapter 3 'Daily operation – Filling the water tank').
'Empty coffee grounds container' / 'Empty drip tray'	The coffee grounds container is full. / The drip tray is full. You cannot prepare any products.	▶ Empty the coffee grounds container and the drip tray (see Chapter 3 'Daily operation – Daily maintenance').
'Drip tray not fitted'	The drip tray is not inserted correctly or is not inserted at all. You cannot prepare any products.	▶ Fit the drip tray.
'Fill bean container'	The bean container is empty. You cannot prepare any specialty coffees, but you can prepare hot water and milk.	▶ Fill the bean container (see Chapter 1 'Preparing and using for the first time – Filling the bean container').
'Clean the milk system'	The Z8 prompts you to clean the milk system.	▶ Perform milk system cleaning (see Chapter 5 'Maintenance – Cleaning the milk system').
'Change filter'	The filter cartridge no longer works. The Z8 is prompting a filter change.	▶ Replace the CLEARYL Smart filter cartridge (see Chapter 5 'Maintenance – Changing the filter').
'Clean machine'	The Z8 is prompting you to clean it.	▶ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Decalcify machine'	The Z8 is prompting you to descale it.	▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Not enough ground coffee'	There is insufficient ground coffee in the machine; the Z8 stops the operation.	▶ The next time you prepare a beverage, add more ground coffee (see Chapter 2 'Preparation – Ground coffee').
'Spout is not fitted'	The cover of the dual spout has not been fitted.	▶ Correctly fit the cover of the dual spout.

7 Troubleshooting

Problem	Cause/Result	Action
Insufficient foam is produced when the milk is frothed or milk sprays from the dual spout.	The dual spout is dirty.	<ul style="list-style-type: none"> ▶ Make sure the cover of the dual spout is correctly fitted. ▶ Clean the milk system in the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system'). ▶ Dismantle and rinse the dual spout (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').
	The milk and milk foam temperature is set too high.	<ul style="list-style-type: none"> ▶ Set a lower milk and milk foam temperature for the product.
Coffee only comes out in drips when it is being prepared.	Coffee or ground coffee has been ground too finely and is blocking the system. The water hardness may not have been correctly set.	<ul style="list-style-type: none"> ▶ Put the grinder on a coarser setting or use coarser ground coffee (see Chapter 2 'Preparation – Adjusting the grinder'). ▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Fill water tank' is not displayed although the water tank is empty.	There is a lot of limescale in the water tank.	<ul style="list-style-type: none"> ▶ Descale the water tank (see Chapter 5 'Maintenance – Descaling the water tank').
Grinder is making a very loud noise.	There are foreign objects in the grinder.	<ul style="list-style-type: none"> ▶ Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').
'Error 2' or 'Error 5' is displayed.	If the machine has been exposed to the cold for a long period of time, heating may be disabled for safety reasons.	<ul style="list-style-type: none"> ▶ Warm the machine at room temperature.
Other 'Error' messages are displayed.	–	<ul style="list-style-type: none"> ▶ Switch the Z8 off with the On/Off button . Contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').

i If you were unable to solve the problem, contact customer support in your country (see Chapter 11 'JURA contact details / Legal information').

8 Transport and environmentally friendly disposal

Transport / Emptying the system

Keep the packaging for your Z8. It should be used to protect the machine during transport.

In order to protect the Z8 from frost during transport, the system must be emptied.



Precondition: The start screen is displayed.

- ▶ Remove the milk pipe from the dual spout.
 - ▶ Place a receptacle under the dual spout.
 - ▶ Touch 'P'.
 - ▶ Touch 'Machine settings'.
 - ▶ Touch 'Machine settings'.
 - ▶ Move your finger across the display until 'Empty system' is displayed in the center.
 - ▶ Touch 'Empty system'.
 - ▶ Touch 'Empty system' / 'Remove the water tank'.
 - ▶ Remove and empty the water tank.
 - ▶ Press the Rotary Switch.
- Steam will continue to be discharged from the dual spout until the system is empty.
Your Z8 is switched off.

Disposal

Please dispose of old machines in an environmentally neutral way.



9 Technical data

Voltage	120 V ~, 60 Hz
Power	1500 W
Conformity mark	
Energy consumption 'Save energy' / '1'	approx. 8 Wh
Energy consumption 'Save energy' / '0'	approx. 25 Wh
Pump pressure	static, max. 15 bar
Holding capacity of water tank	81 oz (2.4 l)
Holding capacity of bean container	10 oz (280 g)
Holding capacity of coffee grounds container	max. 20 portions
Cord length	approx. 47 in. (approx. 1.2 m)
Weight	approx. 29.5 lb (approx. 13.4 kg)
Dimensions (W × H × D)	approx. 12.6 × 14.8 × 18 in. (approx. 32 × 38 × 45 cm)

Directives The machine complies with the following directives:

- Standard UL 1082
- Canadian Standard CSA C22.2 No. 64

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11 JURA contact details / Legal information

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@ You will find additional contact details for your country at
jura.com

Technical changes We reserve the right to make technical changes. The diagrams used in these instructions for use are for illustration purposes only and do not represent the original colors of the machine. Some details of your Z8 may vary.

Feedback Your opinion is important to us! Use the contact details at jura.com.

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