



Z8 Instructions for Use

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Your Z8

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Symbol description

Warnings

Always take note of any information marked with the words CAUTION or WARNING and a warning sign. The signal word WARNING draws your attention to potential serious injury, and the signal word CAUTION to potential minor injury. CAUTION CAUTION draws your attention to potential damage to the machine.

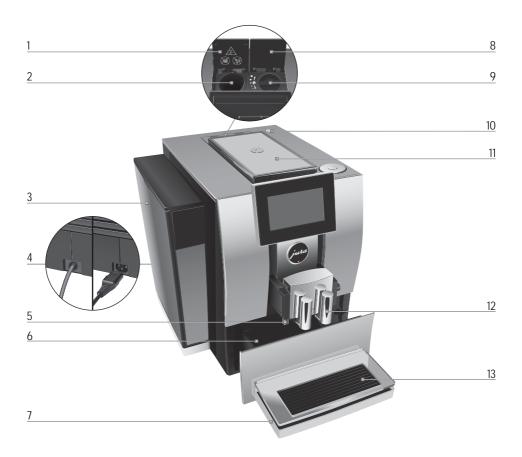
Symbols used

'Coffee'

Display

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.

Control elements



- 1 Cover for powder chute for ground coffee
- 2 Powder chute for ground coffee
- 3 Water tank
- 4 Mains cable (permanently connected or disconnectable) (back of the machine)
- 5 Hot-water spout
- 6 Coffee grounds container
- 7 Drip tray

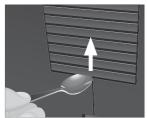
- 8 Cover cap for grinder adjustment switch
- 9 Grinder adjustment switch
- 10 On/Off button 🖰
- 11 Bean container with aroma preservation cover
- 12 Height- and width-adjustable dual spout
- 3 Cup grille



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



Important information

Proper use

The machine is designed and intended for private domestic use. It should only be used for coffee preparation and to heat milk and water. Use for any other purpose will be deemed improper. JURA Elektroapparate AG cannot accept any responsibility for the consequences of improper use.

Before using the machine read these instructions for use thoroughly and completely and comply with the instructions they contain. A warranty service is not applicable for damage or defects caused by non-compliance with the instructions for use. Keep these instructions for use close to the machine and pass them on to the next user.

For your safety



Please carefully read and observe the important safety information set out below.

To avoid danger of potentially fatal electric shock:

- Never use a machine which is damaged or has a defective mains cable.
- In the event of signs of damage, for example if there is a smell of burning, unplug the machine immediately from the mains supply and contact JURA service.
- For models with a permanently connected mains cable: If the mains cable of this machine is damaged, it must be repaired either directly by JURA or by an authorised JURA service centre.
- For models with a disconnectable mains cable:
 If the mains cable of this machine is damaged it must be replaced with a special mains cable,

- which is available directly from JURA or from authorised JURA service centres.
- Make sure that the Z8 and the mains cable are not located close to hot surfaces.
- Be careful to ensure that the mains cable is not trapped and does not rub against sharp edges.
- Never open and repair the machine yourself. Do not modify the machine in any way that is not described in these instructions for use. The machine contains live parts. If opened, there is a danger of potentially fatal injury. Repairs may only be carried out by authorised JURA service centres, using original spare parts and accessories.
- To completely and safely disconnect the machine from the power supply, first switch off the Z8 using the On/Off button. Only then should you remove the mains plug from the power socket.

There is a risk of scalds or burns on the spouts.

- Place the machine out of the reach of children.
- Do not touch any hot parts. Use the handles provided.
- Be careful to ensure that the dual spout is correctly installed and clean. If it is incorrectly fitted or becomes blocked, its parts might come off. There is a danger of parts being swallowed.

A defective machine is not safe and could cause injury or fire. To avoid damage and any associated risk of injury or fire:

 Never allow the mains cable to loosely hang down. The mains cable could pose a tripping hazard or become damaged.

- Protect the Z8 from environmental influences such as rain, frost and direct sunlight.
- Do not immerse the Z8, mains cable or connections in water.
- Do not put the Z8 or any individual parts in the dishwasher.
- On models with glass cup grille: Do not subject the glass cup grille to shock or impact.
- Before cleaning, switch the Z8 off with the On/ Off button. Always wipe the Z8 with a damp cloth rather than a wet one, and protect it from prolonged exposure to water splash.
- Only connect the machine to the mains voltage in accordance with the information on the rating plate. The rating plate is located on the underside of your Z8. Further technical data is provided in these instructions for use (see Chapter 9 'Technical data').
- Connect the Z8 directly to a domestic power socket. Using multi-socket adapters or extension cords may cause overheating.
- Please only use original JURA maintenance products. Use of products that are not explicitly recommended by JURA could damage the machine.
- Do not use alkaline cleaning agents; only use a soft cloth and mild cleaning agents.
- Do not use any coffee beans treated with additives or caramelised coffee beans.
- Only fill the water tank with fresh, cold water.
- Switch the machine off with the On/Off button if you are going to be absent for a longer period of time and remove the mains plug from the power socket.

- Children may not clean or service the machine unless supervised by a responsible person.
- Do not allow children to play with the machine.
- Keep children under the age of 8 away from the machine, or supervise them constantly.
- Children aged 8 and over may only operate the machine without supervision if they have been instructed in how to use it safely. Children must be able to recognise and understand the potential dangers arising from incorrect use.

People, including children, who

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

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

Safety when handling the CLARIS Smart filter cartridge:

- Filter cartridges should be kept out of the reach of children.
- Store filter cartridges in a dry place in the sealed packaging.
- Protect cartridges from heat and direct sunlight.
- Do not use damaged filter cartridges.
- Do not open filter cartridges.

1 Preparing and using for the first time

JURA on the Internet

Visit us on the Internet. You can download **short operating instructions** for your machine from the JURA website (www.jura.com). You will also 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 www.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 speciality coffees in the product selector view or switch between programme 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 programme 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.

CAUTION

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 discolouration of the Aquadur® test strip and the description on the packaging.



1 Preparing and using for the first time

First-time use

When using the machine for the first time, you can choose whether you want to operate Z8 with or without the CLARIS Smart filter cartridge. As well as limescale, the filter cartridge filters many other substances that impair aroma and flavour 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 CLARIS Smart.

⚠ WARNING

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

 Never use a machine which is damaged or has a defective mains cable.



- ► For models with a **disconnectable** mains cable: Connect the mains cable to the machine.
- ► Insert the mains plug into a power socket.
- ► Press the On/Off button ♂ to switch the Z8 on. 'Sprachauswahl' / 'Deutsch'
- To display more languages, move your finger either downwards or upwards in the selection list until the desired lanquage 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.q. 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 CLARIS Smart filter cartridge.

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



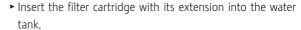
Operation **without** filter cartridge: see Chapter 1 'Preparing and using for the first time – First-time use without filter cartridge activation'.

First-time use with filter cartridge activation

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.
 - ► 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 CLARIS Smart filter cartridge .



- ► 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.

"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.





1 Preparing and using for the first time

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

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.
 - ► Touch 'No filter'.
 - 'Descaling mode' / 'Saved'
 - 'Fill water tank'
 - ► Place a receptacle under the dual spout and the hot-water spout.





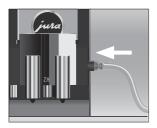
- ► Remove the water tank and rinse it with cold water.
- Fill the water tank with fresh, cold water and reinsert the tank.

'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 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).

- ► Touch ' P'.
 - 'Machine settings'
- ► Touch 'Machine settings'.
 - 'Switch off after'
- Move your finger across the display until 'Connect accessory' is displayed in the centre.
- ► Touch 'Connect accessory'.

 'Connect accessory'
- ► Now follow the instructions on the display to connect the accessory to the Z8.

2 Preparation

2 Preparation

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 speciality coffee or hot water is being prepared. To do this, press the 'Cancel' button or the Rotary Switch.

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 specialised 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 speciality 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'	'Cafè latte'
'Espresso'	'Lungo Barista'
'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 Lungo Barista'
- '2 x Caffè Barista'
- **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.
- 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 favourites. You can duplicate and personalise your favourite speciality 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.

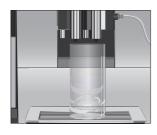
Preparation stops automatically. The start screen is displayed.

2 Preparation

Two ristretti, two espressi and two coffees



Latte macchiato, cappuccino and other speciality coffees with milk



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 centre.
- ➤ 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.

Your Z8 prepares latte macchiato, cappuccino, flat white and other speciality 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 lungo Barista

For the 'caffè Barista' and 'lungo Barista', the Z8 blends the coffee with hot water using a special preparation method. This results in a full-bodied speciality 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.
- **1** 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.
- 1 The desired speciality 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 speciality 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'



2 Preparation



- ► 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.

CAUTION

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

3 Daily operation

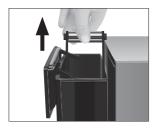
Filling the water tank

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. microfibre 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 specialised 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 grille. If this happens, clean the cup grille.

3 Daily operation

Switching off the machine



When the Z8 is switched off, the system is automatically rinsed if a speciality 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.

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

Programme 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',	► Keep track of all products prepared and
	'Maintenance counter'	view the number of maintenance programmes 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
'Maintenance status'	'Clean the milk system', 'Clean', 'Change the filter' (only if filter is fitted),	► Start the required maintenance programme here.
	'Descale', 'Rinse', 'Maintenance information', 'Lock display'	
'Product settings'		► Select your settings for speciality 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 favourites.
- '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 speciality.

Adjusting the product

settings

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

Product Coffee Amount More settings			
Product	strength	Amount	More settings
Ristretto,	10 levels	Coffee: 15 ml – 80 ml	Temperature (low, normal,
Espresso			high), product name, delete/
			replace/copy/double product
Coffee	10 levels	Coffee: 25 ml – 240 ml	Temperature (low, normal,
			high), product name, delete/
			replace/copy/double product
Caffè Barista,	10 levels	Coffee: 25 ml – 240 ml	Temperature (low, normal,
Lungo Barista		Bypass water:	high), product name, delete/
		0 ml – 240 ml	replace/copy/double product
Two ristretti,	_	Coffee: the amount set	Temperature (as for single
two espressi,		for the single product is	product), product name, delete
two coffees,		doubled.	product
two caffè Barista,			
two lungo Barista			
Cappuccino	10 levels	Coffee: 25 ml – 240 ml	Milk foam temperature,
		Milk foam:	temperature (low, normal,
		0 sec. – 120 sec.	high), product name, delete/ replace/copy product

Product	Coffee strength	Amount	More settings
Latte macchiato	10 levels	Coffee: 25 ml – 240 ml Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec. Interval: 0 sec. – 60 sec.	Milk and milk foam tempera- ture, temperature (low, normal, high), product name, delete/ replace/copy product
Espresso macchiato	10 levels	Coffee: 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: 25 ml – 240 ml Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam tempera- ture, temperature (low, normal, high), product name, delete/ replace/copy product
Pot of coffee	10 levels	Coffee: 25 ml – 240 ml Bypass water: 0 ml – 240 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 tempera- ture, product name, delete/ replace/copy product
Hot water, hot water for green tea, hot water for black tea	-	Water: 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 centre.

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- ► 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 programme 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 speciality coffee, speciality coffee with milk, or hot water, the machine must heat up.

■ 'Inactive'

All speciality coffees, speciality 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 centre.
- ► 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 programme 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 centre.
- ► 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 programme 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 centre.
- ► 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 programme item 'Machine settings' / 'Display' you can set the display brightness (as a percentage).

- ► Touch 'P'.
 - 'Machine settings'
- ► Touch 'Machine settings'.
 - 'Switch off after'
- ► Move your finger across the display until 'Display' is displayed in the centre.
- ► 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 centre.
- ► 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 programme item you can set the language used by your Z8.

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

- ► Touch 'P'.
 - 'Machine settings'
- ► Touch 'Machine settings'.
 - 'Switch off after'
- Move your finger across the display until 'Choose language' is displayed in the centre.

- ► Touch 'Choose language'.
 - 'Choose language'
- Move your finger across the display until the desired language, e.g. 'Deutsch', is displayed in the centre.
- ► 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 programme 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'.

- ► Touch 'P'.
 - 'Machine settings'
- ► Touch 'Machine settings'.
 - 'Switch off after'
- Move your finger across the display until 'Water tank illumination' is displayed in the centre.
- ► 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 programme item 'Machine settings' you can view the following information:

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

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

- ► Touch 'P'.
 - 'Machine settings'
- ► Touch 'Machine settings'.
 - 'Switch off after'
- ► Move your finger across the display until 'Product counter' is displayed in the centre.
- ► 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

5 Maintenance

Your Z8 has the following integrated maintenance programmes:

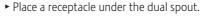
- Rinsing the machine ('Rinse')
- Rinsing the milk system in the dual spout
- Cleaning the milk system in the dual spout ('Clean the milk system')
- Changing the filter ('Change the filter') (only if filter is activated)
- Cleaning the machine ('Clean')
- Descaling the machine ('Descale')
- i Clean or descale the machine, clean the milk system or change the filter when you are prompted to do so.
- 1 Touch 'P' or press the Rotary Switch to view the list of maintenance programmes ('Maintenance status'). When the bar is completely filled with red, your Z8 will prompt you to perform the appropriate maintenance programme.
- 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.



► Touch 'P'.

'Machine settings'

- ► Move your finger across the display until 'Maintenance status' is displayed in the centre.
- ► Touch 'Maintenance status'. 'Clean the milk system'
- Move your finger across the display until 'Rinse' is displayed in the centre.
- ► 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.

CAUTION

If the wrong cleaning agent is used, the machine could be damaged and/or traces could be left behind in the water.

- Use only original JURA maintenance products.
- i | JURA milk system cleaner is available from specialised 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.
- 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'.

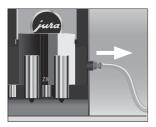
'Milk system is being cleaned', the dual spout and the pipe are cleaned.

The operation stops automatically. 'Milk system cleaning complete' appears briefly on the display.

The start screen is displayed.

5 Maintenance

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.

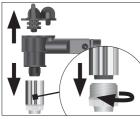
Remove the milk pipe and rinse it thoroughly under running water.



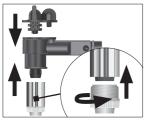
► Press the releasing devices and pull the cover of the dual spout up and off.



► 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 250 ml cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.



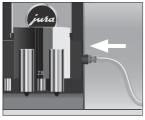
► Reassemble the milk system.



► 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 CLARIS 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 CLARIS 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.



5 Maintenance

'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 CLARIS Smart filter cartridges are available from specialised 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** CLARIS 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.

CAUTION

If the wrong cleaning agent is used, the machine could be damaged and/or traces could be left behind in the water.

- Use only original JURA maintenance products.
- **1** The cleaning programme lasts approximately 20 minutes.
- i Do not interrupt the cleaning programme. The quality of cleaning will be impaired if you do so.
- **i** | URA cleaning tablets are available from specialised 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.



- ► 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'





5 Maintenance

► 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 CLARIS Smart filter cartridge, you will not be prompted to descale.

⚠ CAUTION

If the descaling agent comes into contact with the skin or eyes, this can cause irritation.

- Avoid contact with the skin or eyes.
- Rinse off the descaling agent with clean water. Should you get any descaling agent in your eye, see a doctor.

CAUTION

If the wrong descaling agent is used, the machine could be damaged and/or traces could be left behind in the water.

Use only original JURA maintenance products.

CAUTION

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

Allow the descaling programme to run to the end.

CAUTION

If the descaling agent comes into contact with sensitive surfaces (e.g. marble), damage cannot be ruled out.

- Clean up any splashes immediately.
- i The descaling programme lasts approximately 45 minutes.
- **j** JURA descaling tablets are available from specialised dealers.

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

- ► Touch 'Decalcify machine'.
 - 'Descale'
- ► Touch 'Descale'.
- ► 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 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.

5 Maintenance

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 CLARIS 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 CLARIS 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 speciality 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 CLARIS 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

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.	 ► 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.	► 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.	 ▶ 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.	► 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.	► 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.	► Warm the machine at room temperature.
Other 'Error' messages are displayed.	-	► 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'.

'Machine settings'

- ► Touch 'Machine settings'.
- Move your finger across the display until 'Empty system' is displayed in the centre.
- ► Touch 'Empty system'.

'Empty system' | 'Remove the water tank'

- ► Remove and empty the water tank.
 - 'Press the Rotary Switch'
- 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.

<u>A</u>

Old machines contain valuable, recyclable materials which should be recycled. Please therefore dispose of old machines via suitable collection systems.



9 Technical data

Voltage	Art. 15063	220-240 V ~, 50 Hz
	Art. 15062	230 V ~, 50 Hz
	Art. 15147	240 V ~, 50 Hz
Power	Art. 15063	2450 W
	Art. 15062 /	2300 W
	Art. 15147	
Conformity mark	CE	
Energy consumption	approx. 8 W	h
'Save energy' / '1'		
Energy consumption	approx. 25 V	Vh
'Save energy' '0'		
Pump pressure	static, max.	15 bar
Holding capacity of water	2.4	
tank		
Holding capacity of bean	280 g	
container		
Holding capacity of coffee	max. 20 por	tions
grounds container		
Cable length	approx. 1.1 m	١
Weight	approx. 13.4	kg
Dimensions (W \times H \times D)	32 × 38 × 45	cm

Information for testers (repeat test in accordance with DIN VDE 0701-0702): The central grounding point (CGP) is located on the back of the machine under the service cover.

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

Directives The machine complies with the following directives:

- 2014/35/EU Low Voltage Directive
- 2014/30/EU Electromagnetic Compatibility
- 2009/125/EC Ecodesign Directive
- 2011/65/EU RoHS Directive

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 colours of the machine. Some details of your Z8 may vary.

Feedback

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

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