

jura®



X8 Instructions for Use



For your safety: read and understand manual before use.

JURA Type 739

Your X8

IMPORTANT SAFEGUARDS	4
Control elements	8
1 Preparing and using for the first time	10
JURA on the Internet.....	10
Setting up the machine	10
Filling the bean container.....	10
Determining the water hardness	10
First-time use	11
Connecting milk.....	14
Connecting an accessory (via Bluetooth)	14
2 Preparation	15
Espresso, coffee and other specialty coffees.....	16
Latte macchiato, cappuccino and other specialty coffees with milk.....	16
Preparing two specialty coffees.....	17
Permanently setting the amount of water for the cup size	17
Adjusting the grinder	18
Hot water	19
3 Daily operation	20
Filling the water tank.....	20
Switching on the machine.....	20
Daily maintenance	20
Regular maintenance	21
Switching off the machine.....	21
4 Permanent settings in programming mode	22
Adjusting the product settings	23
Positioning products on the start screen	25
Enable or disable one-off settings	26
Enable or disable setting of cup volume	26
Enable and disable products.....	27
Automatic switch-off.....	27
Setting the water hardness	28
Milk system rinsing.....	28
Unit for amount of water.....	29
Language	29
Query counter readings and version.....	30
5 Maintenance	31
Rinsing the machine.....	32
Rinsing the milk system.....	32
Cleaning the milk system	33
Dismantling and rinsing the dual spout	34
Inserting the filter	36
Changing the filter	36

Cleaning the machine	37
Descaling the machine	38
Cleaning the bean container.....	41
Descaling the water tank.....	41
6 Display messages	42
7 Troubleshooting	43
8 Transport and environmentally friendly disposal	44
Transport / Emptying the system.....	44
Disposal.....	44
9 Technical data	45
10 Index	46
11 JURA contact details / Legal information	48

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



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



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 JURA.

'Coffee'

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 domestic and office 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

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

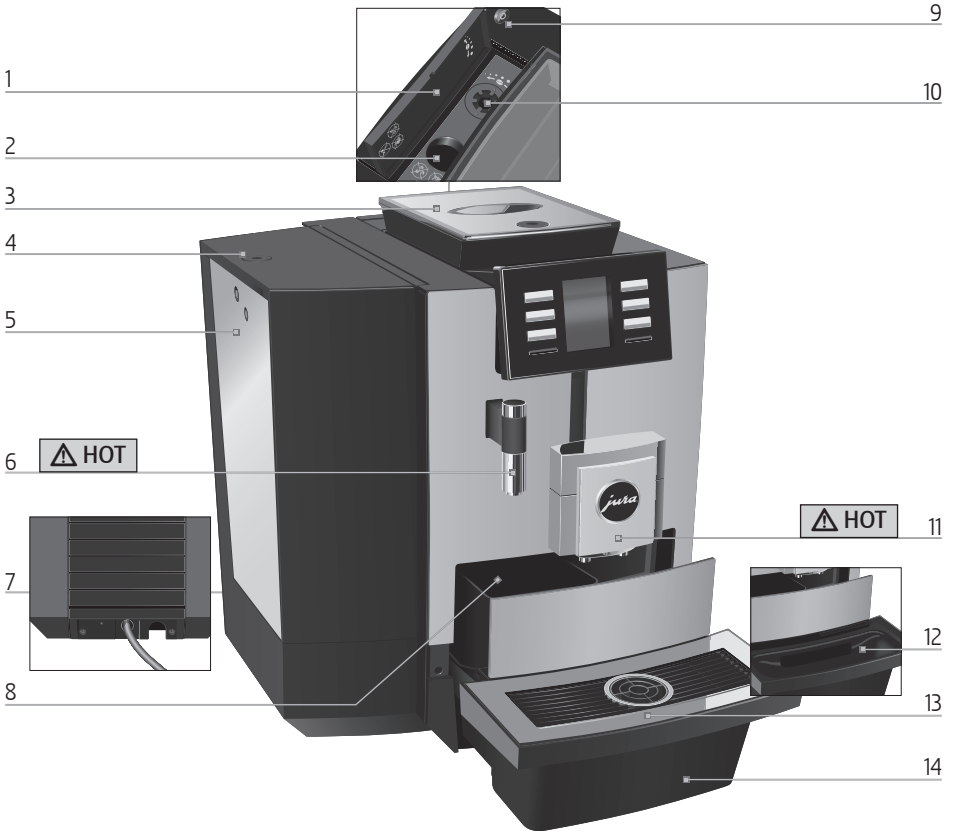



- Never clean with scouring powders or hard implements.
- Ensure that the ventilation slots are not covered.
- Never pull out the drip tray during the brewing process. Only pull the drip tray when the display instructs you or when the appliance is ready for use.

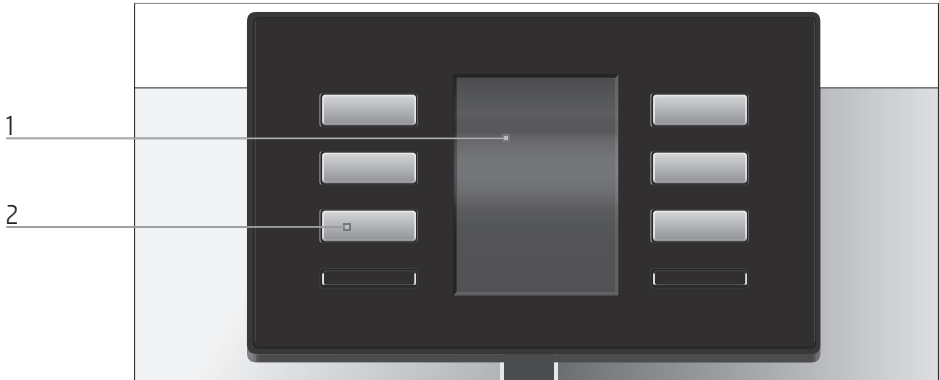
**NEVER DO
(or you will void your
warranty protection):**

- 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

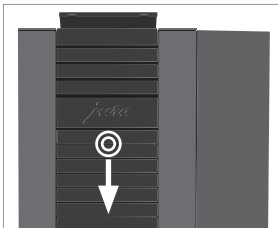


- 1 Cover
- 2 Filler funnel for cleaning tablet
- 3 Bean container with aroma preservation cover (lockable)
- 4 Water tank cover (lockable)
- 5 Water tank
- 6 Hot-water spout
- 7 Power cord (back of the machine)
- 8 Coffee grounds container
- 9 On/Off button 
- 10 Grinder adjustment wheel
- 11 Height-adjustable dual spout
- 12 Insert for drip tray
- 13 Cup platform
- 14 Drip tray



- 1 Display
- 2 Multi-function buttons (button function depends on what is shown in the display)

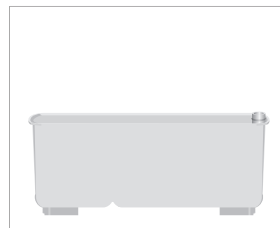
Back of the machine: Service socket for JURA Smart Connect (behind cover)



Accessories

Spanner for aroma preservation cover, water tank cover and grinder adjustment wheel

Container for milk system cleaning



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 X8 and on every aspect of coffee.

Setting up the machine



When setting up your X8, please note the following:

- Place the X8 on a horizontal surface that is not sensitive to water.
- Choose a spot for your X8 which protects the machine against overheating. Ensure that the ventilation slots are not covered.

Filling the bean container

The aroma preservation cover of the bean container is lockable (spanner supplied as standard).

NOTICE

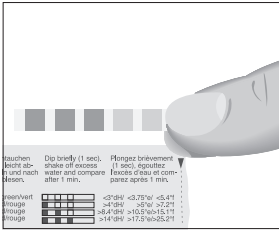
Coffee beans which have been treated with additives (e.g. sugar), ground coffee or freeze-dried coffee will damage the grinder.

- ▶ 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 X8 **with** or **without** the CLEARYL Pro 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 Pro 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.

- ▶ Insert the mains plug into a power socket.
- ▶ Press the On/Off button  to switch the X8 on.

'Choose language'

i To display more languages, press the '▶' button (bottom right).

1 Preparing and using for the first time

- ▶ Press the button that corresponds to the language you want, e.g. 'English'.
'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').
 - ▶ Press the '<' or '>' button to change the water hardness setting, for example to '25 °dH'.
 - ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'Filter operation'
- i** Now decide whether you want to operate your X8 **with** or **without** a CLEARYL Pro Smart filter cartridge.

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

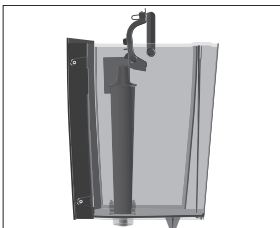
Operation **without** filter cartridge: see Chapter 1 'Preparing and using for the first time – First-time use without filter cartridge activation'.

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.
- ▶ Remove the water tank and rinse it with cold water.
- ▶ Open the filter holder.
- ▶ Insert the filter cartridge into the water tank, exerting slight pressure.
- ▶ Close the filter holder. It will click into place audibly.



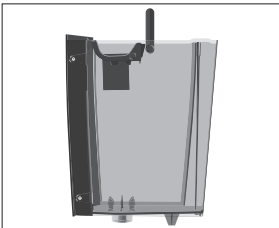
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.
- i** The machine automatically detects that you have just inserted the filter cartridge.
 - ‘Change the filter’ / ‘Saved’
 - ‘Filter is being rinsed’, Water flows directly into the drip tray. Rinsing of the filter stops automatically.
 - ‘System is filling’, the system fills up with water.
 - ‘Empty drip tray’
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
 - ‘Machine is rinsing’, the system is rinsed. The rinse stops automatically. Your X8 is ready for use.
- i** The start screen shows the products you can prepare. Press the ‘▶’ button to display more products.
- i** If the filter is active, this is indicated by a blue filter symbol at the bottom of the display.

First-time use without filter cartridge activation

NOTICE

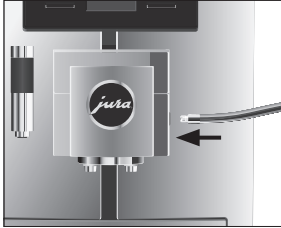
Milk, sparkling mineral water or other liquids can damage the water tank or the machine.

- ▶ Only fill the water tank with fresh, cold water.
-
- ▶ Press the ‘No filter’ button.
 - ‘Saved’ appears briefly on the display.
 - ‘Fill water tank’
 - ▶ 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’, the system fills up with water.
 - ‘Machine is heating’
 - ‘Machine is rinsing’, the system is rinsed. The rinse stops automatically. Your X8 is ready for use.
 - i** The start screen shows the products you can prepare. Press the ‘▶’ button to display more products.



Connecting milk

Your X8 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 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.

Connecting an accessory (via Bluetooth)

Your X8 is equipped with the JURA Smart Connect. This allows you to connect the machine to a compatible accessory (e.g. the JURA Cool Control Wireless milk cooler) via Bluetooth.

Precondition: The start screen is displayed.

- ▶ Press the 'P' button.
- ▶ Press the '1/5' button several times until '5/5' is displayed.
- ▶ Press the 'Connect accessory' button.
- ▶ Now follow the instructions on the display to connect the accessory to the X8.

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:

- The display shows the products you can prepare. Press the ‘▶’ button to display more products.
- During the grinding operation you can select the coffee strength of **single products** by pressing the ‘<’ and ‘>’ buttons.
- During preparation you can change the preset **amounts** (e.g. water and amount of milk foam) by pressing the ‘<’ and ‘>’ buttons.
- 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’).
- 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.

Coffee tastes best served hot. A cold porcelain cup cools the beverage – and impairs the taste. We therefore recommend pre-warming the cups. The full coffee aroma can develop only in pre-warmed 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’).

Espresso, coffee and other specialty coffees



Ristretto, espresso, coffee and special coffee are all prepared following this model.

For a pot of coffee, you can choose the number of brewing operations (1–5 strokes) in programming mode.

Example: Proceed as follows to prepare one coffee.

Precondition: The start screen is displayed.

- ▶ Place a cup under the dual spout.
 - ▶ Press the 'Coffee' button.
- Preparation starts. 'Coffee' and the coffee strength are displayed. The preset amount of water for coffee flows into the cup.
- Preparation stops automatically. Your X8 is once more ready for use.

Latte macchiato, cappuccino and other specialty coffees with milk



Your X8 prepares latte macchiato, cappuccino 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: Milk is connected to the dual spout.

- ▶ Place a glass under the dual spout.
 - ▶ Press the 'Latte macchiato' button.
- '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 X8 is once more ready for use.

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').

Preparing two specialty coffees

To prepare **two** specialty coffees / specialty coffees with milk, press the appropriate preparation button twice (within approximately 2 seconds).

Example: Proceed as follows to prepare two espressi.

Precondition: The start screen is displayed.



- ▶ Place two cups under the coffee spout.
 - ▶ Press the **'Espresso'** button **twice (within 2 seconds)** to start preparation.
- '2x Espresso'**, the preset amount of water flows into the cups.
- Preparation stops automatically. Your X8 is once more ready for use.

Permanently setting the amount of water for the cup size

It is easy to permanently adjust the amount of water for all **single products** to the cup size. Adjust the amount once as shown in the following example. Every time you prepare a drink in the future, this amount will be dispensed.

Example: Proceed as follows to **permanently** set the amount of water for one coffee.



- ▶ Place a cup under the dual spout.
 - ▶ Press and **hold** the **'Coffee'** button until **'Enough coffee? Press button'** appears.
 - ▶ Release the **'Coffee'** button.
- Preparation starts and the coffee flows into the cup.
- ▶ Press any button except **'Cancel'** as soon as there is sufficient coffee in the cup.
- Preparation stops. **'Saved'** appears briefly on the display. The set amount of water for one coffee is permanently stored. Your X8 is once more ready for use.

- i** You can alter this setting at any time by repeating the above procedure.
- i** You can also permanently set the amounts for all single products in programming mode (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

Adjusting the grinder

You can adjust the grinder 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 wheel 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.

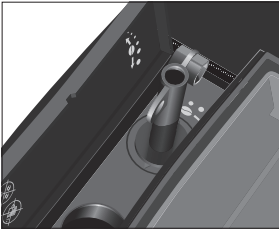
You can set the consistency of grind using the spanner provided.

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

- ▶ Place a cup under the dual spout.
- ▶ Open the cover behind the bean container.
- ▶ Press the 'Espresso' button to start preparation.
- ▶ Turn the grinder adjustment wheel to the desired position **while** the grinder is running.

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

- ▶ Close the cover.



Hot water

Your X8 allows you to prepare different variants of hot water:

- 'Hot water'
- '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.

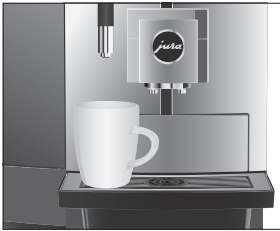
- ▶ Place a cup under the hot-water spout.

i 'Hot water for green tea' can be found on page 2 of the start screen.

- ▶ Press the 'Hot water for green tea' button.

'Hot water for green tea', the preset amount of water flows into the cup.

Preparation stops automatically. Your X8 is once more ready for use.



3 Daily operation

Filling the water tank

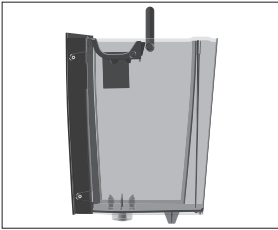
Daily maintenance of the machine and hygiene when handling coffee and water are key to a perfect coffee result in the cup every time. You should therefore change the water **daily**.

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.

You can lock the water tank cover with the spanner provided.

- ▶ Open the water tank cover.
- ▶ Remove the water tank and rinse it with cold water.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.
- ▶ Close the water tank cover.



Switching on the machine

- ▶ Press the On/Off button  to switch the X8 on.

‘Welcome to JURA’

‘Machine is heating’

‘Machine is rinsing’, the system is rinsed. The rinse stops automatically. The start screen is displayed. Your X8 is ready for use.

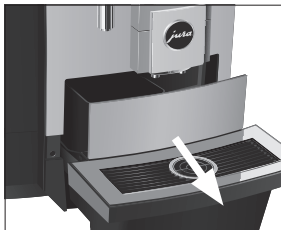
Daily maintenance

To ensure that you get many years of reliable service out of your X8 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.

- ▶ Rinse the insert for the drip tray with warm water.
- ▶ 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).

You will find more information about caring for your X8 in programming mode under ‘2/5’ / ‘Information’ (‘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 X8 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.

- ▶ Press the On/Off button .

- i** If milk has been prepared, you will be prompted to clean the milk system (‘Clean the milk system’ / ‘Do you want to clean the milk system now?’). 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 X8 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.

Press the ‘ P❖❖ ’ button to enter programming mode. You can navigate through the program items and permanently save the required settings using the multi-function buttons. The following settings can be made:

Program item	Sub-item	Explanation
'1/5'	'Clean', 'Descale', 'Clean the milk system', 'Filter' (only if filter is fitted)	▶ Here you can start the required maintenance program or find out what maintenance actions are required.
'2/5'	'Rinse the milk system', 'Rinse the coffee system', 'Information'	
'3/5'	'Expert mode'	▶ Select your settings for specialty coffees and hot water.
	'Customise cup fill volume'	▶ Disable the function 'Permanently setting the amount of water for the cup size'.
	'One-off settings'	▶ Specify whether or not to allow one-off settings during preparation.
	'Lock/enable'	▶ Enable or disable individual products.
'4/5'	'Choose language'	▶ Select your language.
	'Units'	▶ Select the unit for the amount of water.
	'Rinse the milk system'	▶ Change the setting for the milk system rinsing.
	'Switch off after'	▶ Set the time after which the X8 should switch off automatically.
	'Water hardness'	▶ Adjust the water hardness.

Program item	Sub-item	Explanation
'5/5'	'Product counter', 'Day counter', 'Maintenance counter', 'Version'	► 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 X8 to a compatible accessory via Bluetooth or disconnect the connection again.

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.

In the program item '3/5' / 'Expert mode' you can make individual settings for all specialty coffees and hot water. The following permanent settings can be made:

Product	Coffee strength	Amount	More settings
'Ristretto', 'Espresso'	10 levels	Water: 0.5 oz – 2.5 oz (15 ml – 80 ml)	Temperature (normal, high), position
'Coffee', 'Special'	10 levels	Water: 0.5 oz – 8.0 oz (25 ml – 240 ml)	Temperature (normal, high), position
'Cappuccino', 'Caffè latte', 'Flat White'	10 levels	Water: 0.5 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 (normal, high), position

4 Permanent settings in programming mode

Product	Coffee strength	Amount	More settings
'Latte macchiato'	10 levels	Water: 0.5 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 (normal, high), position
'1 portion milk'	–	Milk foam: 0 sec. – 120 sec. Milk: 0 sec. – 120 sec.	Milk and milk foam temperature, position
'Jug of coffee'	10 levels	Water: 25 ml – 240 ml Number of strokes (1–5; set number is displayed during preparation)	Temperature (normal, high), position
'Hot water', 'Hot water for green tea'	–	Water: 0.5 oz – 15.0 oz (25 ml – 450 ml)	Temperature (low, normal, high), position

i When preparing **double products**, the amounts set for the single product are doubled. The temperature of the single product remains unchanged.

Permanent settings in programming mode always follow the same model.

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

- ▶ Press the 'P:☼' button.
- ▶ Press the '▶' button several times until '3/5' is displayed.
- ▶ Press the 'Expert mode' button.
'Expert mode'

i Next select the button of the product for which you would like to make settings. No product is prepared at this point.

i To display more products, press the '▶' button (bottom right).

- ▶ Press the 'Coffee' button.
'Coffee'
- ▶ Press the 'Coffee strength' button.
'Coffee' and the coffee strength is displayed.

- ▶ Press the '<' or '>' button to change the setting for the coffee strength.
- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'Coffee'
- ▶ Press the 'L' button for **around 2 seconds** to exit programming mode.

Positioning products on the start screen

You can reposition the products on the start screen.

Example: Proceed as follows to replace 'Flat White' on the first page of the start screen with 'Ristretto'.

- ▶ Press the 'P:☺' button.
 - ▶ Press the '▶' button several times until '3/5' is displayed.
 - ▶ Press the 'Expert mode' button.
'Expert mode'
- i** Next select the button of the product you want to move. No product is prepared at this point.
- i** To display more products, press the '▶' button (bottom right).
- ▶ Press the 'Ristretto' button.
'Ristretto'
 - ▶ Press the 'Position' button.
'Select position'
 - ▶ Press the 'Flat White' button.
'Replace product?'
 - ▶ Press the 'Yes' button.
'Saved' appears briefly on the display.
'Ristretto'
 - ▶ Press the 'L' button for **around 2 seconds** to exit programming mode.

Enable or disable one-off settings

In the program item '3/5' / 'One-off settings' you can make the following setting:

- **'Active'**: One-off settings can be made during preparation (e.g. coffee strength or amount of water).
- **'Inactive'**: One-off settings cannot be made during preparation. The product is prepared according to the settings in programming mode ('3/5' / 'Expert mode').

Example: Proceed as follows to disable one-off settings during preparation.

- ▶ Press the 'P:☼' button.
- ▶ Press the '▶' button several times until '3/5' is displayed.
- ▶ Press the 'One-off settings' button.
'One-off settings'
- ▶ Press the 'Inactive' button.
- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'3/5'
- ▶ Press the 'L' button to exit programming mode.

Enable or disable setting of cup volume

In the program item '3/5' / 'Customise cup fill volume' you can make the following setting:

- **'Active'**: The function 'Permanently setting the amount of water for the cup size' is activated. You can adjust the amount of water to the cup size by pressing and holding the relevant preparation button.
- **'Inactive'**: The function 'Permanently setting the amount of water for the cup size' is deactivated. The amount of water **cannot** be adjusted to the cup size by pressing and holding the relevant preparation button.

Example: Proceed as follows to disable the function 'Permanently setting the amount of water for the cup size'.

- ▶ Press the 'P:☼' button.
- ▶ Press the '▶' button several times until '3/5' is displayed.
- ▶ Press the 'Customise cup fill volume' button.
'Customise cup fill volume'
- ▶ Press the 'Inactive' button.

- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'3/5'
- ▶ Press the 'L' button to exit programming mode.

Enable and disable products

In the program item '3/5' / 'Lock/enable' you can enable or disable each product individually.

Example: Proceed as follows to disable the preparation of 'Jug of coffee'.

- ▶ Press the 'P.☼' button.
- ▶ Press the '▶' button several times until '3/5' is displayed.
- ▶ Press the 'Lock/enable' button.
'Lock/enable'

i The lock symbol beside the product name indicates whether the product is enabled or disabled. If the lock is closed, the product is disabled.

- ▶ Press the '>' button until the product 'Jug of coffee' is displayed.
- ▶ Press the 'Jug of coffee' button.
The lock is closed. Preparation of 'Jug of coffee' is now disabled.
- ▶ Press the 'L' button for **around 2 seconds** to exit programming mode.

Automatic switch-off

By instructing your X8 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your X8 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.

- ▶ Press the 'P.☼' button.
- ▶ Press the '▶' button several times until '4/5' is displayed.
- ▶ Press the 'Switch off after' button.
'Switch off after'
- ▶ Press the '<' or '>' button to change the switch-off time.

- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'4/5'
- ▶ Press the 'L' button to exit programming mode.

Setting the water hardness

The harder the water is, the more frequently the X8 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 total water hardness can be adjusted on a continuous scale between 1 °dH and 30 °dH.

- ▶ Press the 'P.❖' button.
- ▶ Press the '▶' button several times until '4/5' is displayed.
- ▶ Press the 'Water hardness' button.
'Water hardness'
- ▶ Press the '<' or '>' button to change the setting for the water hardness.
- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'4/5'
- ▶ Press the 'L' button to exit programming mode.

Milk system rinsing

In the program item '4/5' / 'Rinse the milk system' you can make the following settings:

- 'Manual': You are prompted to perform milk system rinsing 10 minutes after preparation of a specialty coffee with milk.
- 'Automatic': The milk system rinsing is automatically initiated 10 minutes after preparation of a specialty coffee with milk.

Example: Proceed as follows to set the milk system rinsing to be initiated **automatically** 10 minutes after the preparation.

- ▶ Press the 'P.❖' button.
- ▶ Press the '▶' button several times until '4/5' is displayed.
- ▶ Press the 'Rinse the milk system' button.
'Rinse the milk system'
- ▶ Press the 'Automatic' button.

- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'4/5'
- ▶ Press the 'L' button to exit programming mode.

Unit for amount of water

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

- ▶ Press the 'P.⚙️' button.
- ▶ Press the '▶' button several times until '4/5' is displayed.
- ▶ Press the 'Units' button.
'Units'
- ▶ Press the 'oz' button.
- ▶ Press the 'Save' button.
'Saved' appears briefly on the display.
'4/5'
- ▶ Press the 'L' button to exit programming mode.

Language

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

- ▶ Press the 'P.⚙️' button.
 - ▶ Press the '▶' button several times until '4/5' is displayed.
 - ▶ Press the 'Choose language' button.
'Choose language'
- i** To display more languages, press the '▶' button (bottom right).
- ▶ Press the button that corresponds to the language you want, e.g. 'Deutsch'.
'Gespeichert' appears briefly on the display.
'4/5'
 - ▶ Press the 'L' button to exit programming mode.

Query counter readings and version

In the program item '5/5' you can view the following information.

- 'Product counter': Number of prepared specialty coffees and hot water
- 'Day counter': Number of prepared specialty coffees and hot water. This counter can be reset to zero.
- 'Maintenance counter': Number of maintenance programs performed (cleaning, descaling etc.)
- 'Version': Software version

Example: Proceed as follows to reset the **day counter**.

- ▶ Press the 'P:⚙️' button.
- ▶ Press the '▶' button several times until '5/5' is displayed.
- ▶ Press the 'Day counter' button.
- ▶ Press the 'L' button.
'Delete the day counter?'
- ▶ Press the 'Yes' button.
'Saved' appears briefly on the display.
'5/5'
- ▶ Press the 'L' button to exit programming mode.

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 X8 has the following integrated maintenance programs:

- Rinsing the machine ('2/5' / 'Rinse the coffee system')
- Rinsing the milk system in the dual spout ('2/5' / 'Rinse the milk system')
- Cleaning the milk system in the dual spout ('1/5' / 'Clean the milk system')
- Changing the filter ('1/5' / 'Filter') (only if filter is fitted)
- Cleaning the machine ('1/5' / 'Clean')
- Descaling the machine ('1/5' / 'Descale')

- i** Carry out each maintenance program when you are prompted to do so.
- i** In the interests of hygiene, you should clean the milk system **daily** when you have been preparing milk.
- i** Press the 'P:.' button to view a list of the maintenance programs. When the bar is completely filled with red, your X8 will prompt you to perform the appropriate maintenance program.

Rinsing the machine



You can start coffee system rinsing manually at any time.

- ▶ Place a receptacle under the dual spout.
- ▶ Press the ‘P.☼’ button.
- ▶ Press the ‘▶’ button.
‘2/5’
- ▶ Press the ‘Rinse the coffee system’ button to start the rinse operation.
‘Machine is rinsing’, water flows out of the dual spout. The operation stops automatically.

Rinsing the milk system



After each milk preparation, the X8 prompts you to perform a milk system rinse.

Precondition: ‘Rinse the milk system’ is displayed.

- ▶ Place a receptacle under the dual spout.
- ▶ Press the ‘P.☼’ button.
‘Milk system is being rinsed’, water flows out of the dual spout. The operation stops automatically.

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

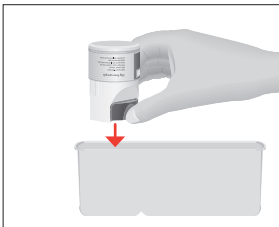
Harmful and irritating cleaning agent. Harmful if swallowed. Irritating to eyes and skin.

- ▶ 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.

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

Precondition: The start screen is displayed.

- ▶ Press the ‘**P:⚙️**’ button.
‘1/5’
- ▶ Press the ‘**Clean the milk system**’ button.
‘**Clean the milk system**’
- ▶ Press the ‘**Start**’ button.
- ▶ Press the ‘**Next**’ button.
‘**Cleaning agent for milk system**’
- ▶ Add 1 dosing unit of milk system cleaner to the **rear** part of the container.
- ▶ Press the ‘**Next**’ button.
‘**Connect the milk tube**’





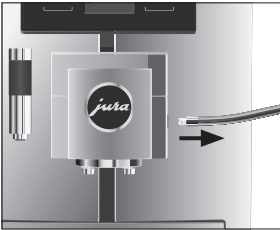
- ▶ Place the container under the dual spout.
- ▶ Remove the milk pipe from the milk container.
- ▶ Connect the milk pipe to the container for milk system cleaning.

i To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.

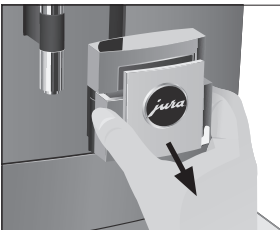
- ▶ Press the 'Next' button.
'Cleaning milk system', the dual spout and the pipe are cleaned.
The operation stops automatically. Your X8 is once more ready for use.

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.



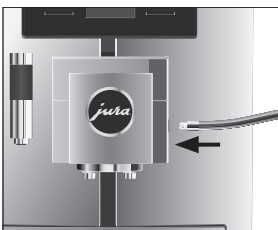
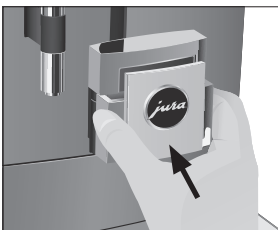
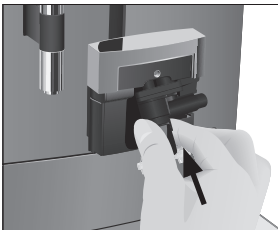
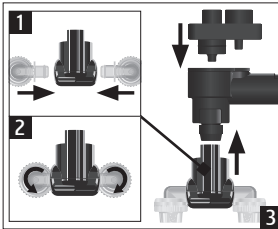
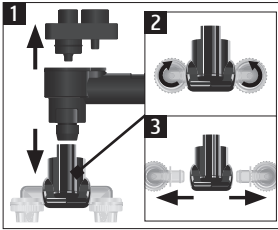
- ▶ Remove the milk pipe and rinse it thoroughly under running water.



- ▶ Pull the cover of the dual spout forwards 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 dosing unit of JURA milk system cleaner. Then rinse the parts thoroughly.

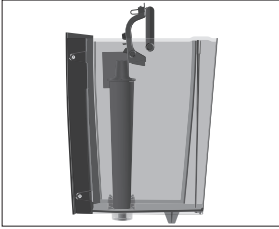
- ▶ Reassemble the milk system.

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

- ▶ Fit the cover of the dual spout.

- ▶ Connect the milk pipe to the dual spout.

Inserting the filter



Your X8 no longer has to be descaled if you are using the CLEARLYL Pro 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.

- ▶ Remove the water tank and rinse it with cold water.
- ▶ Open the filter holder.
- ▶ Insert the filter cartridge into the water tank, exerting slight pressure.
- ▶ Close the filter holder. It will click into place audibly.
- ▶ 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.

‘Saved’ appears briefly on the display.

‘Filter is being rinsed’, Water flows directly into the drip tray. Rinsing of the filter stops automatically.

‘Empty drip tray’

- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.

Your X8 is once more ready for use.

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

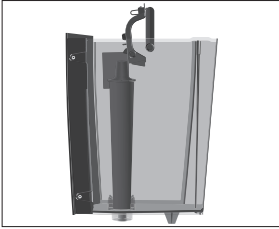
Changing the filter

i Once the filter cartridge stops working (depending on the water hardness setting), the X8 will prompt you to change the filter.

i CLEARLYL Pro Smart filter cartridges are available from specialized dealers.

Precondition: The filter symbol at the bottom of the display lights up red.

- ▶ Remove and empty the water tank.
- ▶ Open the filter holder and remove the old CLEARLYL Pro Smart filter cartridge.



- ▶ Insert a **new** CLEARYL Pro Smart filter cartridge into the water tank, exerting slight pressure.
- ▶ Close the filter holder. It will click into place audibly.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

‘Saved’ appears briefly on the display. The machine has automatically detected that you have just changed the filter cartridge.

‘Filter is being rinsed’, Water flows directly into the drip tray. Rinsing of the filter stops automatically.

‘Empty drip tray’

- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.

Your X8 is once more ready for use.

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

Cleaning the machine

After 180 preparations or 80 switch-on rinses, the X8 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

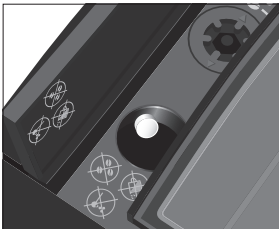
Harmful and irritating cleaning agent. Harmful if swallowed. Irritating to eyes and skin.

- ▶ 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: 'Clean machine' is displayed.

- ▶ Press the 'P.☼' button.
'Clean'
- ▶ Press the 'Start' button.
- ▶ Press the 'Next' button.
'Empty coffee grounds container'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Clean'
- ▶ Place a receptacle under the dual spout.
- ▶ Press the 'Next' button.
'Machine is being cleaned', water flows out of the dual spout.
The operation is interrupted, 'Add cleaning tablet'.
- ▶ Open the cover behind the bean container.



- ▶ Insert a JURA cleaning tablet into the filler funnel.
- ▶ Close the cover.
- ▶ Press the 'Next' button.
'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.

Descaling the machine

The X8 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 Pro 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.

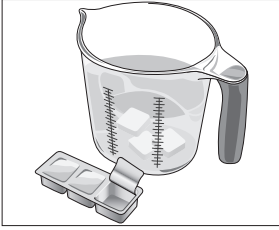
- ▶ Allow the descaling program to run to the end.
-

- 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: 'Decalcify machine' is displayed.

- ▶ Press the 'P:⚙' button.
'Descale'
- ▶ Press the 'Start' button.
- ▶ Press the 'Next' button.
'Empty drip tray'
- ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
'Agent in tank'
- ▶ Remove and empty the water tank.

5 Maintenance



- ▶ 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.


 - ▶ Place one receptacle under the dual spout and another under the hot-water spout.
 - ▶ Press the 'Next' button.
'Machine is being descaled', water flows repeatedly out of the dual spout and the hot-water spout.
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'
 - ▶ Remove the water tank and rinse it thoroughly.
 - ▶ Fill the water tank with fresh, cold water and reinsert the tank.
 - ▶ Place one receptacle under the dual spout and another under the hot-water spout.
 - ▶ Press the 'Next' button.
'Machine is being descaled', the descaling operation is continued.
The operation is interrupted, 'Empty drip tray'.
 - ▶ Empty the drip tray and coffee grounds container and put them back into the machine.
Descaling is now complete.
- i** If the descaling operation stops unexpectedly, rinse the water tank thoroughly.

Cleaning the bean container

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

The bean container cover is lockable (spanner supplied as standard).

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.

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 Pro 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 Pro Smart filter cartridge, insert this again.
- ▶ Fill the water tank with fresh, cold water and reinsert the tank.

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')
'Rinse the milk system'	The X8 requests a milk system rinse.	▶ Perform milk system rinsing (see Chapter 5 'Maintenance – Rinsing the milk system').
The filter symbol at the bottom of the display lights up red.	The filter cartridge no longer works.	▶ Replace the CLEARYL Pro Smart filter cartridge (see Chapter 5 'Maintenance – Changing the filter').
'Clean machine'	The X8 is prompting you to clean it.	▶ Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
'Decalcify machine'	The X8 is prompting you to descale it.	▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Too hot'	The system is too hot to start a maintenance program.	▶ Wait for several minutes until the system has cooled or prepare a specialty coffee or hot water.

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"> ▶ 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').
Coffee only comes out in drips when it is being prepared.	The coffee is ground too finely and obstructs the system.	▶ Set the grinder to a coarser setting (see Chapter 2 'Preparation – Adjusting the grinder').
There is dry ground coffee behind the coffee grounds container.	The beans used are resulting in an above-average volume of ground coffee.	▶ Reduce the coffee strength or choose a finer grinder setting (see Chapter 2 'Preparation – Adjusting the grinder').
'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 X8 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 X8. It should be used to protect the machine during transport.

In order to protect the X8 from frost during transport, the system must be emptied.


- ▶ Place one receptacle under the dual spout and another under the hot-water spout.
 - ▶ Press the 'P.❖' button.
 - ▶ Press the '▶' button.
'2/5'
 - ▶ Press the 'Rinse the milk system' button.
'Milk system is being rinsed', water flows out of the dual spout. The operation stops automatically.
 - ▶ Press the 'Hot water' button.
'Hot water', water flows out of the hot-water spout.
 - ▶ Remove and empty the water tank.
Water will flow out of the hot-water spout until the system is empty.
'Fill water tank'
 - ▶ Press the On/Off button .
- Your X8 is switched off.

Disposal

Please dispose of old machines in an environmentally neutral way.



9 Technical data

Voltage	120 V ~, 60 Hz
Power	1450 W
Ambient conditions	Humidity max. 80% Ambient temperature 50–95 °F (10–35 °C)
Sound pressure level	≤ 70 dB
Conformity mark	
Pump pressure	static, max. 15 bar
Holding capacity of water tank (without filter)	170 oz (5 l)
Holding capacity of bean container	17.6 oz (500 g)
Holding capacity of coffee grounds container	max. 40 portions
Cord length	approx. 47 in. (approx. 1.2 m)
Weight	approx. 30.9 lb (approx. 14 kg)
Dimensions (W × H × D)	approx. 14.7 × 18.5 × 18.2 in. (approx. 37.3 × 47 × 46.1 cm)

Directives The machine complies with the following directives:

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

10 Index

A

- Addresses 48
- Adjusting the product settings 23
- Aroma preservation cover
 - Bean container with aroma preservation cover 8
- Automatic switch-off 27

B

- Bean container
 - Bean container with aroma preservation cover 8
 - Cleaning 41
 - Filling 10
- Bluetooth 14
- Bus bar
 - Technical data 45
- Button
 - On/Off button 8

C

- Caffè latte 16
- Cappuccino 16
- Cappuccino frother cleaning
 - Cleaning the milk system 33
- Cappuccino frother rinsing
 - Rinsing the milk system 32
- Cleaning
 - Bean container 41
 - Machine 37
- CLEARYL Pro Smart filter cartridge
 - Change 36
 - Insert 36
- Coffee 16
- Coffee grounds container 8
- Connecting an accessory 14
- Consistency of grind
 - Adjusting the grinder 18
 - Grinder adjustment wheel 8
- Contact details 48
- Cover 8
 - Water tank 8
- Cup platform 8
- Customer support 48

D

- Daily maintenance 20
- Day counter 30
- Descaling
 - Machine 38
 - Water tank 41
- Disable
 - Products 27
- Display 9
- Display messages 42
- Disposal 44

- Double product 17
- Drip tray 8
 - Insert 8
- Dual spout
 - Dismantling and cleaning 34
 - Height-adjustable dual spout 8

E

- Emptying the system 44
- Enable
 - Products 27
- Errors
 - Troubleshooting 43
- Espresso 16

F

- Filler funnel
 - Filler funnel for cleaning tablet 8
- Filling
 - Bean container 10
 - Water tank 20
- Filter
 - Change 36
 - Insert 36
- First-time use 11
 - With filter cartridge activation 12
 - Without filter cartridge activation 13
- Flat white 16

G

- Green tea 19
- Grinder adjustment wheel 8

H

- Homepage 10
- Hotline 48
- Hot water 19
- Hot-water spout 8

I

- Important safeguards
 - Safety 4
- Insert for drip tray 8
- Internet 10

J

- JURA
 - Contact details 48
 - Internet 10

L

- Language 29
- Latte macchiato 16

M

- Machine
 - Cleaning 37
 - Daily maintenance 20
 - Descaling 38
 - Regular maintenance 21
 - Rinsing 32
 - Setting up 10
 - Switching off 21

- Switching on 20
- Maintenance 31
 - Daily maintenance 20
 - Regular maintenance 21
- Maintenance counter 30
- Messages, display 42
- Milk
 - Connecting milk 14
- Milk system
 - Cleaning 33
 - Rinsing 32
- Milk system rinsing 28
- N**
- Number
 - Maintenance programs 30
 - Preparations 30
- P**
- Permanently setting the water for the cup size 17
- Permanent settings in programming mode 22
- Positioning products 25
- Position of products
 - Change 25
- Pot of coffee 16
- Power cord 8
- Preparation 15, 16
 - Caffè latte 16
 - Cappuccino 16
 - Coffee 16
 - Espresso 16
 - Flat white 16
 - Green tea 19
 - Hot water 19
 - Latte macchiato 16
 - Pot of coffee 16
 - Ristretto 16
 - Special coffee 16
 - Two specialty coffees 17
- Problems
 - Troubleshooting 43
- Product counter 30
- Products
 - Disable 27
 - Enable 27
- Product settings
 - Adjusting 23
- Programming mode 22
 - Automatic switch-off 27
 - Counter readings and version 30
 - Enable or disable setting of cup volume 26
 - Language 29
 - Milk system rinsing 28
 - One-off settings 26
 - Positioning products on the start screen 25
 - Setting the water hardness 28
 - Unit for amount of water 29
- R**
- Regular maintenance 21
- Rinsing
 - Machine 32
- Ristretto 16
- S**
- Safety
 - Important safeguards 4
- Service socket 9
- Settings
 - Permanent settings in programming mode 22
- Setting up
 - Setting up the machine 10
- Short operating instructions 10
- Smart Connect 9
- Special coffee 16
- Spout
 - Height-adjustable dual spout 8
 - Hot-water spout 8
- Switching off 21
- Switching on 20
- Switch-off
 - Automatic switch-off 27
- Symbol description 3
- T**
- Technical data 45
- Tel 48
- Transport 44
- Troubleshooting 43
- Two products 17
- U**
- Unit for amount of water 29
- Use, First-time 11
- V**
- Version 30
- W**
- Water hardness
 - Determining the water hardness 10
 - Setting the water hardness 28
- Water tank 8
 - Descaling 41
 - Filling 20
- Website 10

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 JURA may vary.

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

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