E8/E80 Instructions for Use

Your E8/E80

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Scope of validity

These instructions for use apply to the following models:

- E8
- E80

In the interests of clarity, however, the instructions for use only refer to the 'E8' model.

Symbol description

Warnings

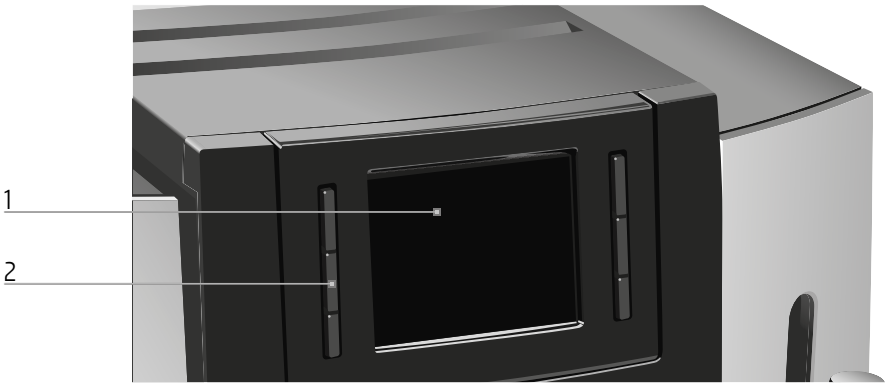
⚠ WARNING ⚠ CAUTION	Always take note of any information marked with the words CAUTION or WARNING and a warning sign. The signal word **WARNING** draws your attention to potential serious injury, and the signal word **CAUTION** to potential minor injury.
CAUTION	**CAUTION** draws your attention to potential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

Symbols used

▸	**Prompt to take action.** This symbol means that you are being prompted to perform some action.
i	**Information** and tips to make it even easier to use your E8.
'Coffee'	**Display**

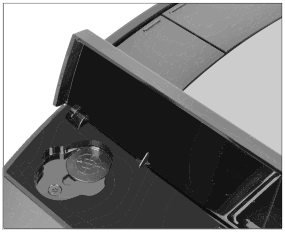
Control elements

1 Filler funnel cover
2 Filler funnel for ground coffee
3 Bean container with aroma preservation cover
4 Water tank cover
5 Water tank
6 Mains cable (back of the machine)
7 Coffee grounds container
8 Drip tray
9 Cover cap for grinder adjustment switch
10 Grinder adjustment switch
11 On/Off button ⏻
12 Milk system with professional fine foam frother
13 Height-adjustable coffee spout
14 Cup grille



1 Display

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



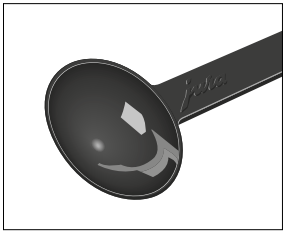
Service socket for JURA Smart Connect (Smart Connect is not included in all model variants)

Fine foam frother (used in different model variants)

Accessories

Container for milk system cleaning

Measuring spoon 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 E8 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 E8 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 and fine foam frother:
- 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 fine foam frother is correctly installed and clean. If incorrectly fitted or if it becomes blocked, the fine foam frother or its parts might come off.

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 E8 from environmental influences such as rain, frost and direct sunlight.
- Do not immerse the E8, mains cable or connections in water.
- Do not put the E8 or any individual parts in the dishwasher.
- Before cleaning, switch your E8 off with the On/Off button. Always wipe the E8 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 E8. Further technical data is provided in these instructions for use (see Chapter 9 'Technical data').
- Connect the E8 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 E8.
- Do not use alkaline cleaning agents when cleaning, use a soft cloth and a mild detergent.
- 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

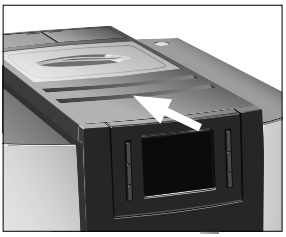
JURA on the Internet

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 E8 and on every aspect of coffee.

Setting up the machine

When setting up your E8, please note the following:

- Place the E8 on a horizontal surface that is not sensitive to water.
- Choose a spot for your E8 which protects the machine against overheating. Ensure that the ventilation slots are not covered.



Filling the bean container

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

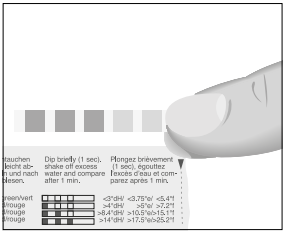
- ▸ Only use roasted, untreated coffee beans to fill the bean container.

- ▸ 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.

First-time use

⚠ 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.

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.

Precondition: The bean container has been filled.

- Insert the mains plug into a power socket.
- Press the On/Off button ⏻ to switch the E8 on.
  'Sprachauswahl'

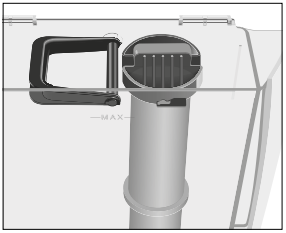
ℹ To display more languages, press the ' > ' button (bottom right).

- 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.
  'Insert filter'

- ▸ Place a receptacle (at least 300 ml) under the fine foam frother.
- ▸ Remove the water tank and rinse it with cold water.
- ▸ 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.

'Filter operation' / 'Saved'
'Filter is being rinsed', the filter is rinsed. Water flows out of the fine foam frother.

ℹ The water may be slightly discoloured. This is not harmful to health and does not affect the taste.

'System is filling'
'Empty drip tray'
- ▸ Empty the drip tray and put it back into the machine.
- ▸ Place a receptacle under the coffee spout.

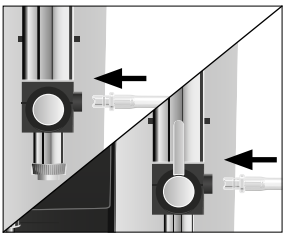
'Machine is heating'
'Machine is rinsing', the system is rinsed. The rinse stops automatically. The start screen is displayed. Your E8 is ready for use.

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.

The CLARIS Smart filter cartridge communicates with your E8 via RFID technology (frequency band 13.56 MHz). This wireless connection is only used for a maximum of 3 sec. during preparation. In this case, the maximum transmission power is below 1 mW.

Connecting milk



Your E8 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.

- ▸ Remove the protective cover from the fine foam frother.
- ▸ Connect the milk pipe to the fine foam frother.
- ▸ Connect the other end of the milk pipe to a milk container or immerse it in a milk carton.

Connect accessory (with wireless connection)

You have the option of connecting your E8 wirelessly to a compatible accessory (e.g. the Cool Control Wireless milk cooler). To do this, the receiver of the Cool Control or the JURA Smart Connect must be plugged into the service socket.

A frequency band of 2.4 GHz is used for this wireless connection. In this case, the maximum transmission power is below 1 mW.

i The Smart Connect can be protected against unauthorised access using a PIN. Activate the PIN function via the JURA app. You will find more information at **www.jura.com/smartconnect**.

i Please note that you can only connect either the Cool Control or only one JURA app to the coffee machine via Smart Connect.

Precondition: The start screen is displayed.

- ▸ Position the accessory near the coffee machine (a maximum of 0.5 m away).
- ▸ Switch on the accessory and the coffee machine.
- ▸ Press the reset button of the Smart Connect (e.g. with a paper clip).
- ▸ Then (within 30 sec.) press **and hold** the reset key of the accessory until the LED lights up to indicate the successful connection.

2 Preparation

Basic information about preparing drinks:

- The display shows four 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) by pressing the ' < ' and ' > ' buttons.
- You can stop the machine at any time while a speciality coffee or hot water is being prepared. Just press any button.

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').

Latte macchiato, cappuccino and other speciality coffees with milk

Your E8 prepares latte macchiato, cappuccino and other speciality coffees with milk at the touch of a button. There is no need to move the glass or cup.

ℹ This chapter applies to the **professional fine foam frother** and the **fine foam frother.**

Example: Proceed as follows to prepare one latte macchiato.
Precondition: The start screen ('2/3') is displayed. Milk is connected to the fine foam frother.

▸ Place a glass under the fine foam frother.

- If you are using the **professional fine foam frother,** turn the selector switch to the Milk Foam position (see image).
- Press the 'Latte macchiato' button.
  'Latte macchiato' appears and the preset amount of milk foam flows 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. You can choose the length of this interval in programming mode (see Chapter 4 'Permanent settings in programming mode – Adjusting the product settings').

Coffee preparation starts. The preset amount of water for espresso flows into the glass. Preparation stops automatically. Your E8 is once more ready for use.

To ensure that the fine foam frother always works properly, you must clean it **daily** when you have been preparing milk (see Chapter 5 'Maintenance – Cleaning the fine foam frother').

Ristretto, espresso and coffee

Example: Proceed as follows to prepare one coffee.
Precondition: The start screen ('1/3') is displayed.

- Place a cup under the coffee 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 E8 is once more ready for use.

Two ristretti, two espressi and two coffees

To prepare **two** speciality coffees, press the appropriate preparation button twice (within approximately 1 second).

Example: Proceed as follows to prepare two espressi.
Precondition: The start screen ('1/3') is displayed.

- ▸ Place two cups under the coffee spout.
- ▸ Press the 'Espresso' button **twice (within 1 second)** to start preparation.
  '2 espressi' appears and the preset amount of water flows into the cups.
  Preparation stops automatically. Your E8 is once more ready for use.

Espresso doppio

'Doppio' is Italian for 'double'. When you prepare an espresso doppio, two espressi are dispensed one after the other. The result is an extra full-bodied and aromatic speciality coffee.

Warm milk and milk foam

ℹ This chapter applies to the **professional fine foam frother** and the **fine foam frother.**

Example: Proceed as follows to prepare **warm milk.**
Precondition: The start screen ('2/3') is displayed. Milk is connected to the fine foam frother.

- ▸ Place a cup under the fine foam frother.

- ▸ Set the selector switch for the professional fine foam frother to the Milk position (see image).

ℹ If you wish to prepare **milk foam,** set the selector switch to the Milk Foam position (selector switch in vertical position).

- ▸ Press the 'Milk foam' button.
  The milk is prepared. The preset amount of milk flows into the cup.
  Preparation stops automatically. Your E8 is once more ready for use.

To ensure that the fine foam frother always works properly, you must clean it **daily** when you have been preparing milk (see Chapter 5 'Maintenance – Cleaning the fine foam frother').

Ground coffee

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

- Never add more than two level measuring spoons of ground coffee.
- 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.
- If you did not fill the machine with a sufficient amount of ground coffee, 'Not enough ground coffee' is displayed and the E8 stops the operation.
- The desired speciality coffee must be prepared within approximately one minute after filling with the ground coffee. Otherwise the E8 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 ('1/3') is displayed.

- ▸ Place an espresso cup under the coffee spout.
- ▸ Open the powder chute cover.
  'Ground coffee' / 'Please add ground coffee'
- ▸ Place one level measuring spoon of ground coffee into the filler funnel.
- ▸ Close the cover of the filler funnel.
- ▸ Press the 'Espresso' button.
  Preparation starts. 'Espresso' appears and the preset amount of water for espresso flows into the cup.
  Preparation stops automatically. Your E8 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.
Precondition: The start screen ('1/3') is displayed.

- ▸ Place a cup under the coffee 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 E8 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 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 ('1/3') is displayed.

- ▸ Place a cup under the coffee spout.
- ▸ Open the cover of the grinder adjustment switch.
- ▸ Press the 'Espresso' button 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 E8 allows you to prepare different variants of hot water: 'Hot water' and '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 ('3/3') is displayed.

- ▸ Place a cup under the fine foam frother.
- ▸ 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 E8 is once more ready for use.

3 Daily operation

Filling the water tank

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

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

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

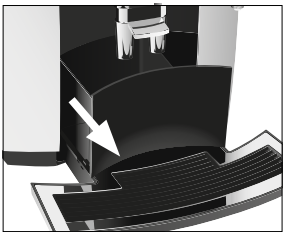
- ▸ Open the water tank cover.
- ▸ Remove the water tank and rinse it with cold water.
- ▸ Fill the water tank with fresh, cold water and reinsert the tank.
- ▸ Close the water tank cover.

Switching on the machine

- ▸ Place a receptacle under the coffee spout.
- ▸ Press the On/Off button ⏻ to switch the E8 on.
  'Welcome to JURA'
  'Machine is heating'
  'Machine is rinsing', the system is rinsed. The rinse stops automatically. Your E8 is ready for use.

Daily maintenance

To ensure that you get many years of reliable service out of your E8 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 fine foam frother (see Chapter 5 ‘Maintenance – Cleaning the fine foam frother’).
- ▸ Remove the milk pipe and rinse it thoroughly under running water.
- ▸ Dismantle and rinse the fine foam frother (see Chapter 5 ‘Maintenance – Dismantling and rinsing the professional fine foam frother’).
- ▸ Wipe the surface of the machine with a clean, soft, damp cloth (e.g. microfibre cloth).

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.

Switching off the machine

When the E8 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.

- ▸ Place a receptacle under the fine foam frother and under the coffee 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 E8 is switched off.

4 Permanent settings in programming mode

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

Programme item	Sub-item	Explanation
‘1/5’	‘Clean’, ‘Descale’, ‘Clean the milk system’, ‘Filter’ (only if filter is activated)	▸ **Start** the required maintenance programme here.
‘2/5’	‘Rinse the milk system’, ‘Rinse the coffee system’, ‘Information’	▸ **Here you can start** the required maintenance programme or find out what maintenance actions are required.
‘3/5’	‘Expert mode’	▸ Select your settings for speciality coffees and hot water.
‘4/5’	‘Choose language’	▸ Select your language.
	‘Units’	▸ Select the unit for the amount of water.
	‘Switch off after’	▸ Set the time after which the E8 should switch off automatically.
	‘Rinse the milk system’	▸ Change the setting for the milk system rinsing.
‘5/5’	‘Water hardness’	▸ Adjust the water hardness.

Adjusting the product settings

In the programme item ‘Expert mode’ you can make individual settings for all speciality coffees and hot water. The following permanent settings can be made:

Product	Coffee strength	Amount	Temperature
Ristretto, espresso	8 levels	Coffee: 15 ml – 80 ml	normal, high
Coffee, special coffee	8 levels	Coffee: 25 ml – 240 ml	normal, high
2 ristretti, 2 espressi, 2 coffees	–	Coffee: the amount set for the single product is doubled.	as for single product
Espresso doppio	8 levels	Coffee: 15 ml – 80 ml (2 strokes)	normal, high

Product	Coffee strength	Amount	Temperature
Cappuccino, Flat white	8 levels	Coffee: 25 ml – 240 ml Milk: 3 sec. – 120 sec.	normal, high
Latte macchiato	8 levels	Coffee: 25 ml – 240 ml Milk: 3 sec. – 120 sec. Interval: 0 sec. – 60 sec.	normal, high
Espresso macchiato	8 levels	Coffee: 15 ml – 80 ml Milk: 3 sec. – 120 sec.	normal, high
Portion of milk	–	Milk: 3 sec. – 120 sec.	–
Hot water, hot water for green tea	–	Water: 25 ml – 450 ml	low, normal, high

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’ appears 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 ‘ ⏻ ’ button for **around 2 seconds** to exit programming mode.

Automatic switch-off

By instructing your E8 to automatically switch itself off, you can cut down your energy consumption. If this function is activated, your E8 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 ‘↰’ button to exit programming mode.

Setting the water hardness

The harder the water is, the more frequently the E8 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.

- ▸ Press the ‘ P.⁂ ’ button.
- ▸ Press the ‘ > ’ button several times until ‘5/5’ 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.
  ‘5/5’
- ▸ Press the ‘↰’ button to exit programming mode.

Milk system rinsing

In the programme 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 speciality coffee with milk.
- 'Automatic': The milk system rinsing is automatically initiated 10 minutes after preparation of a speciality 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 '↰' 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 '↰' 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 ‘ ↵ ’ button to exit programming mode.

5 Maintenance

Your E8 has the following integrated maintenance programmes:

- Rinsing the machine (‘Rinse the coffee system’)
- Rinsing the fine foam frother (‘Rinse the milk system’)
- Cleaning the fine foam frother (‘Clean the milk system’)
- Changing the filter (‘Change the filter’)
- Cleaning the machine (‘Clean’)
- Descaling the machine (‘Descale’)

ℹ Carry out each maintenance programme when you are prompted to do so.

ℹ Press the ‘ P.⁂. ’ button to view a list of the maintenance programmes. When the bar is completely filled with red, your E8 will prompt you to perform the appropriate maintenance programme.

Rinsing the machine

You can start coffee system rinsing manually at any time.

- ▸ Place a receptacle under the coffee spout.
- ▸ Press the ‘ P.⁂. ’ button.
- ▸ Press the ‘ > ’ button.
- ▸ Press the ‘Rinse the coffee system’ button to start the rinse operation.
  ‘Machine is rinsing’, water flows out of the coffee spout. The operation stops automatically.

Rinsing the fine foam frother

After each milk preparation, the E8 prompts you to perform a milk system rinse.

ℹ In programming mode, you can set whether the milk system rinsing is to be prompted 10 minutes after preparation or initiated automatically (see Chapter 4 ‘Permanent settings in programming mode – Milk system rinsing’).

ℹ This chapter applies to the **professional fine foam frother** and the **fine foam frother.**

Precondition: ‘Rinse the milk system’ is displayed.

- ▸ Place a receptacle under the fine foam frother.
- ▸ Press the ' P.. ' button.
- ▸ Press the ' > ' button.
- ▸ Press the 'Rinse the milk system' button to start the rinse operation.
  'Milk system is being rinsed' appears and the fine foam frother is rinsed. The operation stops automatically.

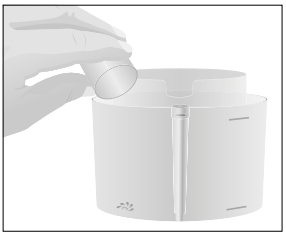
Cleaning the fine foam frother

To ensure that the fine foam frother 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.
ℹ This chapter applies to the **professional fine foam frother** and the **fine foam frother.**



- ▸ Press the ' P.. ' button.
- ▸ Press the 'Clean the milk system' button.
  'Clean the milk system'
- ▸ Press the 'Start' button.
- ▸ Press the 'Next' button.
  'Clean the milk system' / 'Milk system cleaner'
- ▸ Remove the milk pipe from the milk container or carton.
- ▸ Add milk system cleaner to the front part of the container up to the **bottom mark** (indicated by).
- ▸ Then fill with water up to the **upper mark.**
- ▸ Place the container under the fine foam frother.

▸ Connect the milk pipe to the container.

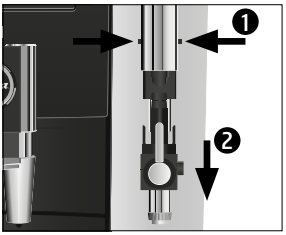
ℹ To connect the milk pipe to the container correctly, the pipe must be fitted with a connector.

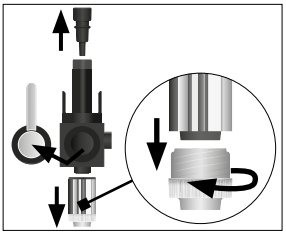
▸ Press the 'Next' button.
'Milk system is being cleaned' appears and the fine foam frother and the milk pipe are cleaned.
'Clean the milk system' / 'Fresh water'
▸ Rinse the container thoroughly and fill the front part with 250 ml of fresh water.
▸ Place this under the fine foam frother and reconnect the milk pipe to the container.
▸ Press the 'Next' button.
'Milk system is being cleaned' appears and the fine foam frother and the milk pipe are rinsed with fresh water.
The start screen is displayed.

Dismantling and rinsing the professional fine foam frother

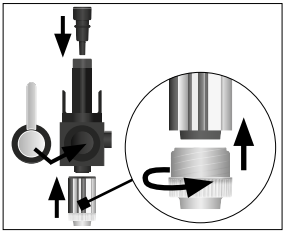
To make sure the professional fine foam frother works properly, and in the interests of hygiene, it must be dismantled and rinsed **daily** if you have been preparing milk.

▸ Remove the milk pipe and rinse it thoroughly under running water.
▸ Remove the professional fine foam frother.



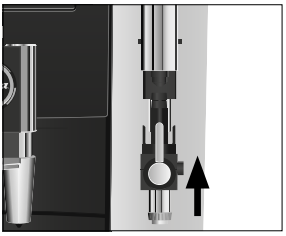


▸ Dismantle the professional fine foam frother into its individual parts.
▸ Rinse all the parts under running water. If there are severely dried-on milk residues, firstly immerse the individual parts in a solution of 250 ml cold water and 1 capful of JURA milk system cleaner. Then rinse the parts thoroughly.



▸ Re-assemble the professional fine foam frother.

ℹ Ensure that all individual parts are correctly and firmly connected to ensure optimum operation of the professional fine foam frother.



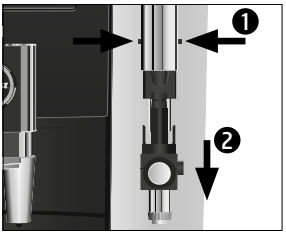
▸ Re-fit the professional fine foam frother on the milk system.

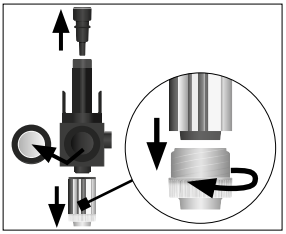
Dismantling and rinsing the fine foam frother

To make sure the fine foam frother works properly, and in the interests of hygiene, it must be dismantled and rinsed **daily** if you have been preparing milk.

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

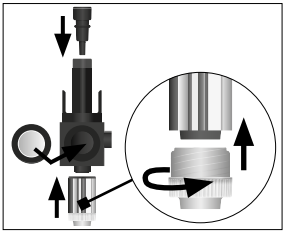
▸ Remove the fine foam frother.





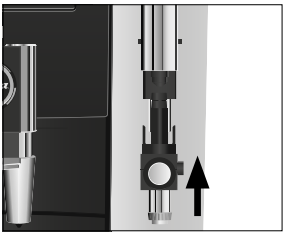
▸ Dismantle the fine foam frother into its individual parts.

▸ 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.



▸ Re-assemble the fine foam frother.

ℹ Ensure that all individual parts are correctly and firmly connected to ensure optimum operation of the fine foam frother.



▸ Re-fit the fine foam frother on the milk system.

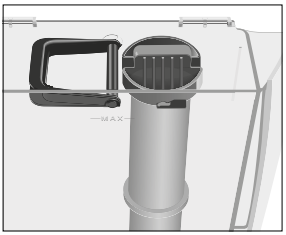
Inserting/changing the filter

Your E8 no longer has to be descaled if you are using the CLARIS Smart filter cartridge.

ℹ Once the filter cartridge stops working (depending on the water hardness setting), the E8 will prompt you to change the filter.

ℹ CLARIS Smart filter cartridges are available from specialised dealers.

Precondition: The start screen is displayed.



▸ Remove and empty the water tank.

▸ Fit the filter cartridge extension supplied 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.

'Saved' appears briefly on the display. The machine has automatically detected that you have just inserted/changed the filter cartridge.

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

Rinsing of the filter stops automatically. The start screen is displayed.

The CLARIS Smart filter cartridge communicates with your E8 via RFID technology (frequency band 13.56 MHz). This wireless connection is only used for a maximum of 3 sec. during preparation. In this case, the maximum transmission power is below 1 mW.

Cleaning the machine

After 180 preparations or 80 switch-on rinses, the E8 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.

ℹ 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 JURA cleaning tablets are available from specialised dealers.

Precondition: 'Clean machine' is displayed.

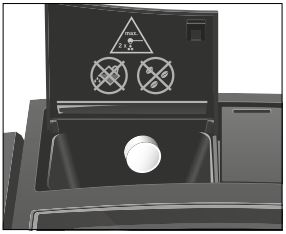
- ▸ Press the ' P ' button.
- ▸ Press the 'Start' button.
- ▸ Press the 'Next' button.

  '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 coffee spout.
- ▸ Press the 'Next' button.

  'Machine is being cleaned', water flows out of the coffee spout.

  The operation is interrupted, 'Add cleaning tablet'.
- ▸ Open the cover of the filler funnel for ground coffee.



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

Descaling the machine

The E8 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 40 minutes.

ℹ JURA descaling tablets are available from specialised dealers.

Precondition: ‘Decalcify machine’ is displayed.

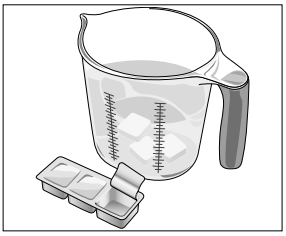
- ▸ Press the ‘ P.’ button.
- ▸ Press the ‘Start’ button.
- ▸ Press the ‘Next’ button.

‘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.
- ▸ Completely dissolve the contents of one blister (3 JURA descaling tablets) in a receptacle holding 500 ml of lukewarm water. This may take several minutes.
- ▸ Pour the solution into the empty water tank and insert it into the machine.



- ▸ Place a receptacle under the fine foam frother.
- ▸ Press the ‘Next’ button.

‘Machine is being descaled’ appears and water flows out of the fine foam frother 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’

- ▸ 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 coffee spout and another under the fine foam frother.
- ▸ 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. The start screen is displayed.

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. 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.

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.

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’	The coffee grounds container 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’).
‘Rinse the milk system’	The E8 requests a milk system rinse.	▸ Perform milk system rinsing (see Chapter 5 ‘Maintenance – Rinsing the fine foam frother’).
The filter symbol at the bottom of the display lights up red.	The filter cartridge no longer works.	▸ Replace the CLARIS Smart filter cartridge (see Chapter 5 ‘Maintenance – Inserting/changing the filter’).
‘Clean machine’	The E8 is prompting you to clean it.	▸ Perform cleaning (see Chapter 5 ‘Maintenance – Cleaning the machine’).
‘Decalcify machine’	The E8 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 programme.	▸ Wait for several minutes until the system has cooled or prepare a speciality coffee or hot water.

7 Troubleshooting

Problem	Cause/Result	Action
Insufficient foam is produced when the milk is frothed or milk sprays out of the fine foam frother.	The fine foam frother is dirty.	▸ Clean the fine foam frother (see Chapter 5 'Maintenance – Cleaning the fine foam frother'). ▸ Dismantle and rinse the fine foam frother (see Chapter 5 'Maintenance – Dismantling and rinsing the professional fine foam frother').
Coffee only comes out in drips when it is being prepared.	The coffee is ground too finely and obstructs the system. The water hardness may not have been correctly set.	▸ Set the grinder to a coarser setting (see Chapter 2 'Preparation – Adjusting the grinder'). ▸ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
'Fill water tank' is displayed although the water tank is full.	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 E8 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 E8. It should be used to protect the machine during transport.

In order to protect the E8 from frost during transport, the system must be emptied.

Precondition: The start screen ('2/3') is displayed.

- ▸ Remove the milk pipe from the fine foam frother.
- ▸ Place a receptacle under the fine foam frother.
- ▸ Press the 'Milk foam' button.
  'Milk foam' appears and hot steam is discharged from the fine foam frother.
- ▸ Remove and empty the water tank.
- ▸ Press the ' > ' button several times until 'Amount of milk' / '60 sec.' is displayed.
  Steam will continue to be discharged from the fine foam frother until the system is empty.
  'Fill water tank'
- ▸ Press the On/Off button ⏻.
  Your E8 is switched off.

Disposal

Please dispose of old machines in an environmentally neutral way.

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

9 Technical data

Voltage	220–240 V ~, 50 Hz
Power	1450 W
Conformity mark	CE
Pump pressure	static, max. 15 bar
Holding capacity of water tank (without filter)	1.9 l
Holding capacity of bean container	280 g
Holding capacity of coffee grounds container	max. 16 portions
Cable length	approx. 1.1 m
Weight	approx. 9.8 kg
Dimensions (W × H × D)	28.0 × 34.6 × 44.4 cm

Wireless connections

CLARIS Smart filter cartridge (RFID technology)	Frequency band 13.56 MHz Max. transmission power < 1 mW
JURA Smart Connect (Bluetooth connection)	Frequency band 2.4 GHz Max. transmission power < 1 mW

Information for testers (repeat test in accordance with DIN VDE 0701-0702): The central grounding point (CGP) is located on the underside of the machine, right next to the mains cable's connection point.

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11 JURA contact details / Legal information

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@ You will find additional contact details for your country at **www.jura.com.**
@ If you need assistance with using your machine, you can find this at **www.jura.com/service.**

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
- 2014/53/EU – Wireless Voltage Directive

A detailed EU Declaration of Conformity for your E8 can be found at www.jura.com/conformity.

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 E8 may vary.

Feedback

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

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