

ENA 8 Instructions for Use

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#### Table of contents

## Your ENA 8

IIV	IMPORTANT SAFEGUARDS	
Co	ontrol 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	
	Connecting milk	
	Connecting an accessory (via Bluetooth®)	12
2	F	12
	Espresso, coffee and other coffee specialties	
	Latte macchiato, cappuccino and other coffee specialties with milk	13
	Ground coffee	14
	Adjusting the grinder	14
	Hot water	15
3	Daily operation	15
	Filling the water tank	15
	Switching on the machine	15
	Daily maintenance	16
	Regular maintenance	16
	Switching off the machine	16
4	Permanent settings in programming mode	17
	Adjusting the product settings	18
	Automatic switch-off	19
	Energy-saving mode	19
	Restore factory settings	19
	Unit for amount of water	
	Setting the water hardness	20
	Language	20
5	Maintenance	21
	Rinsing the machine	
	Automatic milk system rinsing	
	Cleaning the milk system	
	Dismantling and rinsing the dual spout	
	Inserting/changing the filter	
	Cleaning the machine	
	Descaling the machine	
	Descaling the water tank	
	Cleaning the bean container	27
6	Display messages	28

7	Troubleshooting	29
8	Transport and environmentally friendly disposal	30
	Transport / Emptying the system	30
	Disposal	
9	Technical data	30
10	Index	31
11	JURA contact details / Legal information	33

## 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.

<u></u> ∆ DANGER

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

**⚠** WARNING

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

**▲** CAUTION

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

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

## Symbols used

'Coffee'

Display message

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 ENA.

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#### 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.

Pass them on to any subsequent user.

#### Intended use

The appliance is designed and intended for household use only. It shall only be used for coffee preparation, 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.

Do NOT use extension cords.

If the user chooses to use an extension cord.

- the marked electrical rating of the extension cord shall be at least as great as the electrical rating of the appliance, and
- if the appliance is of the grounded type, the extension cord shall be a grounding type 3-wire cord, and
- the longer cord shall 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.

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#### IMPORTANT SAFFGUARDS

#### ▲ CAUTION

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

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

#### 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.

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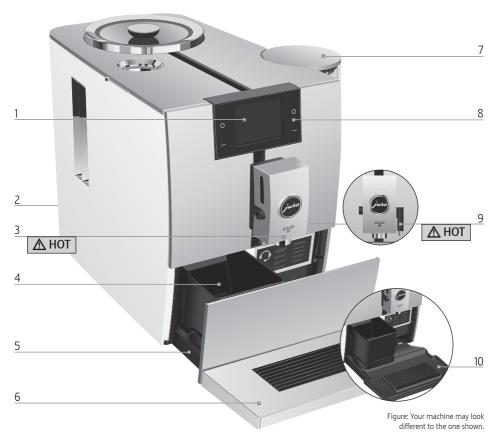
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#### Control elements

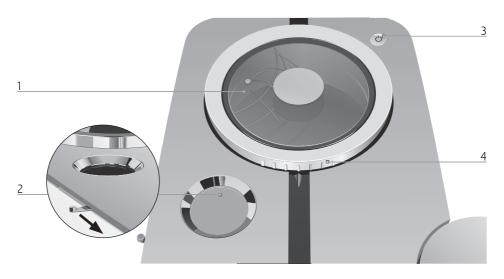
## **Control elements**



- 1 Display
- 2 Power cord (back of the machine)
- 3 Height-adjustable dual spout
- 4 Coffee grounds container
- 5 Drip tray
- 6 Cup platform

- 7 Water tank (with cover)
- 8 Multi-function buttons (button function depends on what is shown in the display)
- 9 Hot water spout
- 10 Insert for drip tray

#### Control elements



- 1 Bean container with aroma preservation cover
- 2 Powder chute for ground coffee

- 3 On/Off button ♂
- 4 Grinding wheel





Back of the machine: Service socket for JURA Smart Connect (behind cover). Smart Connect is not included with all models.

#### Accessories



Filler funnel for ground coffee



Measuring spoon for ground coffee



Container for milk system cleaning

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# 1 Preparing and using for the first time

#### JURA on the Internet

Visit us on the Internet.

On the JURA website (www.jura.com) you will find interesting and up-to-date information on your ENA and on every aspect of coffee.

## Setting up the machine

When setting up your ENA, please note the following:

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



## Filling the bean container

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

#### NOTICE

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

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

## Determining the water hardness

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

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



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

#### First-time use

#### ⚠ 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.

#### 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.
- 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 power plug into a power socket.
- ► Press the On/Off button 🖒 to switch the ENA on.

'Choose language'

- i To display more languages, press the '''
  button.
  - Press the button that corresponds to the language you want, e.g. 'English'.
     'Saved' appears briefly on the display to confirm the setting.

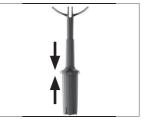
'Water hardness'

- 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 setting for the water hardness.
  - Press the 'Save' button.
     'Saved' appears briefly on the display.
     'Filter operation' / 'Insert filter'

► Place a receptacle under the dual spout and the hot water spout.



- Remove the water tank and rinse it with cold water.
- ► Fit the filter cartridge extension supplied on top of the CLEARYL Smart mini filter cartridge.



► Insert the filter cartridge with its extension into the water tank.



- 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'

'Filter is being rinsed', the filter is rinsed. Water flows directly into the drip tray. en

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#### 2 Preparation

i If the 'Empty drip tray' message appears, empty the drip tray and put it back into the machine.

'System is filling'

- 'Machine is heating'
- 'Machine is rinsing'

The rinse stops automatically. The start screen is displayed. Your ENA is ready for use.

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

## Connecting milk

Your ENA 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.

► Remove the protective cover from the dual spout.



► 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®)

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

- i The Smart Connect can be protected against unauthorized 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.

- Press the 'P' button for approximately
   2 seconds to enter programming mode.
- ► Press the ' ▶ ' button.
- ► Press the 'Machine settings' button.
- Press the ' ▶ ' button several times until page '4/5' is displayed.
- Press the 'Connect accessory' button. 'Connect accessory'
- ► Now follow the instructions on the display to connect the accessory to the ENA.

## 2 Preparation

#### **↑** WARNING

Hot Coffee can cause scalding. Scalding is a serious burn.

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

## Basic information about preparing drinks:

 During the grinding operation you can change the coffee strength 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.
- If you have selected settings during preparation, you can save these changes after preparation.
   To do this, press the 'Save' button.
- You can stop preparation at any time. To do this, press the 'Cancel' button.
- The water volume is given as standard in 'oz'. You can change this setting to 'ml' in programming mode (see Chapter 4 'Permanent settings in programming mode – Unit for amount of water').

Coffee tastes best served hot. A cold porcelain cup cools the beverage – and impairs the taste. We therefore recommend 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 coffee specialties

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

Two brewing operations are carried out for the espresso doppio to create a particularly full-bodied and aromatic coffee specialty.

**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 ENA is once more ready for use.

# Latte macchiato, cappuccino and other coffee specialties with milk

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

**Example:** Proceed as follows to prepare one latte macchiato.

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

► Place a glass under the dual spout.



Press the ' ◀' or ' ▶' button the number of times needed to display page '2/5'.

 Press the 'Latte macchiato' button.
 'Latte macchiato', the preset amount of milk foam flows into the glass.

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 ENA is once more ready for use.

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#### 2 Preparation

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

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

#### Ground coffee

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

#### Basic information about ground coffee:

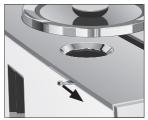
- Never add more than one level measuring spoon of ground coffee.
- Use ground coffee which is not ground too finely. Very fine coffee can block up the system so that the coffee only comes out in drips.
- If you did not fill the machine with a sufficient amount of ground coffee, 'Not enough ground coffee' is displayed and the ENA stops the operation.
- The desired coffee specialty must be prepared within approximately one minute after filling with the ground coffee. Otherwise the ENA stops the operation and is once more ready for use.

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

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

**Precondition:** The start screen is displayed.

 Place an espresso cup under the coffee spout. Open the powder chute for ground coffee.



#### 'Ground coffee' | 'Please add ground coffee'

► Fit the filler funnel for ground coffee.



- ► Place one level measuring spoon of ground coffee into the filler funnel.
- ► Remove the filler funnel and close the cover of the powder chute.
- Press the 'Espresso' button.
   Preparation starts. 'Espresso', the preset amount of water for espresso flows into the cup.

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

## 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 grinding wheel could be damaged.

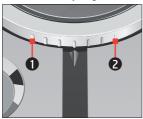
► Only adjust the consistency of grind when the grinder is running.

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

Grinding wheel (see image)

- 1: **Coarse** consistency of grind setting
- 2: Fine consistency of grind setting



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

- ► Place a cup under the dual spout.
- ► Press the 'Espresso' button.
- ► 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. Your ENA is once more ready for use.

#### Hot water

## **⚠** CAUTION

There is a danger of scalding from hot water splashes.

► Avoid direct contact with the skin.

**Precondition:** The start screen is displayed.

► Place a cup under the hot water spout.



- Press the ' ▶ ' or ' ◀ ' button the number of times needed to display page '5/5'.
- Press the 'Hot water' button.
   'Hot water', the preset amount of water flows into the cup.
   Preparation stops automatically. Your ENA is

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

## 3 Daily operation

## Filling the water tank

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

#### CAUTION

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

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

## Switching on the machine

► Place a receptacle under the dual spout.



► Press the On/Off button 🖒 to switch the ENA on.

'Welcome to JURA' 'Machine is heating' 'Machine is rinsing'

The rinse stops automatically. Your ENA is ready for use.

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#### 3 Daily operation

## Daily maintenance

To ensure that you get many years of reliable service out of your ENA 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.
- Always empty the coffee grounds container when the machine is switched on. This is the only way of resetting the coffee grounds counter.
  - Refit the coffee grounds container and the drip tray.
  - ► Rinse the water tank with clean water.
  - Clean the milk system in the dual spout (see Chapter 5 'Maintenance – Cleaning the milk system').
  - Remove the milk pipe and rinse it thoroughly under running water.
  - Dismantle and rinse the dual spout (see Chapter 5 'Maintenance – Dismantling and rinsing the dual spout').
  - Wipe the surface of the machine with a clean, soft, damp cloth (e.g. microfiber cloth).

## 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. Your ENA is equipped with the HP1 milk system.
- 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 ENA is switched off, the system is automatically rinsed if a coffee specialty has been prepared. If milk has been prepared, you will also be prompted to clean the milk system.

► Place a receptacle under the dual spout.



- ▶ Press the On/Off button 🖒.
- i If milk has been prepared, you will be prompted to clean the milk system ('Do you want to clean the milk system now?'). After 10 seconds the switch-off process continues automatically.

'Machine is rinsing', the system rinses itself. The operation stops automatically. Your ENA 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.
- i If you have fitted the optional JURA Smart Connect in the service socket of your ENA 8, you can configure various settings using J.O.E.® - the JURA app.

Press the 'P' button for approximately 2 seconds to enter programming mode. You can easily 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	
'Maintenance status'	'Clean', 'Clean the milk system', 'Descale', 'Filter' (only if filter is fitted), 'Rinse', 'Maintenance information'	► Here you can start the required maintenance program or find out what maintenance actions are required.	fi
'Product settings'		► Select your settings for coffee specialties and hot water.	
'Machine settings'	'Switch off after'	► Set the time after which the ENA should switch off automatically.	e
	'Save energy'	► Activate energy-saving mode.	
	'Factory setting'	► Reset the machine to its factory setting.	
	'Units'	► Select the unit for the amount of water.	
	'Water hardness'	► You can set the water hardness of the water used.	P
	'Choose language'	► Select your language.	

#### 4 Permanent settings in programming mode

Program item	Sub-item	Explanation
	'Connect accessory',	► Connect the ENA wirelessly to a JURA
	'Disconnect accessories' (Only displayed if the JURA	accessory or disconnect the connection again.
	Smart Connect is being used.)	
	'Version'	Software version

## 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.

Press the button of a product on the start screen for **about 2 seconds** to view the list of setting options. The following permanent settings can be made:

Ristretto, 10 levels Coffee: 0.5 oz – 2.5 oz Temperature	low,
Espresso (15 ml – 80 ml) normal, high)	
Coffee         10 levels         Coffee: 0.5 oz – 8 oz         Temperature normal, high)           (25 ml – 240 ml)         normal, high)	low,
Cappuccino, 10 levels Coffee: 0.5 oz – 8 oz Temperature (25 ml – 240 ml) normal, high) Milk foam: 3 sec. – 120 sec.	low,
Latte macchiato 10 levels Coffee: 0.5 oz — 8 oz Temperature (25 ml – 240 ml) normal, high) Milk foam: 3 sec. – 120 sec. Interval: 0 sec. – 60 sec.	low,
Macchiato 10 levels Coffee: 0.5 oz – 2.5 oz Temperature (15 ml – 80 ml) normal, high) Milk foam: 3 sec. – 120 sec.	low,
Espresso doppio 10 levels Coffee: 1 oz – 5 oz Temperature (2 brewing operations) (30 ml – 160 ml) normal, high)	low,
Portion of milk foam – Milk foam: 3 sec. – 120 sec. –	

Product	Coffee strength	Amount	More settings
Hot water	_	Water: 0.5 oz – 15 oz	Temperature (low,
		(25 ml – 450 ml)	normal, high)

Permanent settings in programming mode always follow the same model.

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

**Precondition:** The start screen is displayed.

- Press the 'Coffee' button for approximately 2 seconds until the list of possible settings appears.
  - 'Coffee'
- Press the 'Coffee strength' button. 'Coffee strength'
- 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 'Back' button to return to the start screen.

#### Automatic switch-off

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

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

**Precondition:** The start screen is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the ' ▶ ' button.
- ► Press the 'Machine settings' button.
- Press the 'Switch off after' button. 'Switch off after'
- Press the '<' or '>' button to change the setting.
- Press the 'Save' button.
   'Saved' appears briefly on the display.
   'Machine settings'

Press the 'Back' button for approximately
 2 seconds to return to the start screen.

## **Energy-saving mode**

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

- "Save energy" / "Active"
  - Soon after the last preparation, the ENA stops heating up.
  - Before you can prepare a coffee specialty, coffee specialty with milk, or hot water, the machine must heat up.
- Save energy' | 'Inactive'
  - All coffee specialties, coffee specialties with milk and hot water can be prepared without having to wait.

**Example:** Proceed as follows to deactivate the energy-saving mode.

**Precondition:** The start screen is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the ' ▶ ' button.
- ► Press the 'Machine settings' button.
- Press the 'Save energy' button. 'Save energy'
- ► Press the 'Inactive' button.
- Press the 'Save' button.
   'Saved' appears briefly on the display.
   'Machine settings'
- Press the 'Back' button for approximately
   2 seconds to return to the start screen.

## Restore factory settings

In the program item 'Machine settings' / 'Factory setting' the machine can be reset to its factory setting.

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#### 4 Permanent settings in programming mode

**Precondition:** The start screen is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the '►' button.
- ► Press the 'Machine settings' button.
- Press the ' ▶ ' button. '2/5'
- Press the 'Factory setting' button. 'Factory setting' | 'Reset the machine to the factory settings?'
- Press the 'Yes' button.
   'Saved' appears briefly on the display.
   Your ENA is switched off.

#### Unit for amount of water

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

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

**Precondition:** The start screen is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the '►' button.
- ► Press the 'Machine settings' button.
- ► Press the '►' button. '2/5'
- ► Press the 'Units' button. 'Units'
- ► Press the 'oz' button.
- Press the 'Save' button.'Saved' appears briefly on the display.'Machine settings'
- Press the 'Back' button for approximately
   2 seconds to return to the start screen.

## Setting the water hardness

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

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

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

**Precondition:** The start screen is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the '►' button.
- ► Press the 'Machine settings' button.
- Press the ' ▶ ' button several times until page '3/5' is displayed.
- ► Press the 'Water hardness' button. 'Water hardness'
- ► Press the '<' or '>' button to change the setting.
- Press the 'Save' button.'Saved' appears briefly on the display.'Machine settings'
- Press the 'Back' button for approximately
   2 seconds to return to the start screen.

#### Language

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

**Example:** Proceed as follows to change the language from 'English' to 'Deutsch'. **Precondition:** The start screen is displayed.

- ► Press the 'P' button for approximately
- 2 seconds to enter programming mode.
  ▶ Press the '▶' button.
- ► Press the 'Machine settings' button.
- ► Press the '►' button several times until page '3/5' is displayed.
- ► Press the 'Choose language' button. 'Choose language'
- Press the 'Deutsch' button.
   'Gespeichert' appears briefly on the display.
   'Geräteeinstellungen'
- Press the 'Zurück' button for approximately
   2 seconds to return to the start screen.

## 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 ENA has the following integrated maintenance programs:

- Rinsing the machine ('Rinse')
- Cleaning the milk system ('Clean the milk system')
- Changing the filter (only if filter is fitted)
- Cleaning the machine ('Clean')
- Descaling the machine ('Descale')
  - i Clean the machine, descale the machine or change the filter when you are prompted to do so.
  - i In the program item 'Maintenance status' you will find an overview of the maintenance programs. When the bar is completely filled with red, your ENA will prompt you to perform the appropriate maintenance program.
  - i In the interests of hygiene, you should clean the milk system daily when you have been preparing milk.

## Rinsing the machine

You can initiate the rinse operation manually at any time.

**Precondition:** The start screen is displayed.

► Place a receptacle under the dual spout.



- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the 'Maintenance status' button.
- Press the ' ' button several times until page '3/3' is displayed.
- Press the 'Rinse' button.
   'Machine is rinsing', 'Milk system is being rinsed', water flows out of the dual spout. The rinse stops automatically. Your ENA is once more ready for use.

## Automatic milk system rinsing

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

## Cleaning the milk system

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

## **⚠** WARNING

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

Use only original JURA milk system cleaner.

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#### ♠ WARNING

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

- ► Keep children AWAY.
- ► Avoid contact with skin and eyes.
- After contact with skin, wash immediately with plenty of water. In case of skin irritation, seek medical advice.
- After eye contact, immediately flush eyes with plenty of water and seek medical advice.
- If swallowed, rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Seek medical advice immediately and show label.
- i JURA milk system cleaner is available from specialized dealers.
- i To clean the milk system, use the container supplied.

**Precondition:** The 'Cleaning the milk system' (२३) symbol is displayed.

- Press the 'P' button for approximately
   2 seconds to enter programming mode.
- ► Press the 'Maintenance status' button.
- ► Press the 'Clean the milk system' button. 'Clean the milk system'
- ► Press the 'Start' button.
- Press the 'Next' button. 'Milk system cleaner'
- Remove the milk pipe from the milk container or milk cooler.
- Add milk system cleaner to the front part of the container up to the bottom mark (indicated by <a>></a>).



- ► Then fill with water up to the **upper mark.**
- ▶ Place the container under the dual spout.
- ► Connect the milk pipe to the container.



- 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', the dual spout and the milk pipe are cleaned.
   'Fresh water'
- Rinse the container thoroughly and fill the front part with fresh water up to the upper mark.
- ► Place it under the dual spout and reconnect the milk pipe with the container.
- ► Press the 'Next' button.
  'Milk system is being clear

'Milk system is being cleaned', the dual spout and the pipe are rinsed with fresh water.

The operation stops automatically. Your ENA is once more ready for use.

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

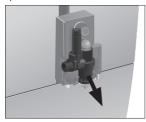
Remove the milk pipe and rinse it thoroughly under running water.



► 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 capful of JURA milk system cleaner. Then rinse the parts thoroughly.
- ► Fit the air intake pipe.



 Reassemble the milk system. When doing this, note the numbering of the individual parts.



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#### 5 Maintenance

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



► Refit the cover of the dual spout.



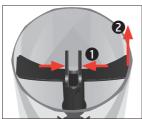
## Inserting/changing the filter

Your ENA no longer must be descaled if you are using the CLEARYL Smart / Smart mini filter cartridge.

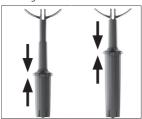
- i Once the filter cartridge stops working (depending on the water hardness setting), the ENA will prompt you to change the filter.
- i CLEARYL Smart / Smart mini filter cartridges are available from specialized dealers.

**Precondition:** The start screen is displayed. (If the filter needs to be changed, the symbol is also displayed.)

- ► Remove and empty the water tank.
- Remove the used filter cartridge from the water tank.



 Fit the filter cartridge extension on top of a new CLEARYL Smart / Smart mini filter cartridge.



► Insert the filter cartridge with its extension into the water tank.



► Fill the water tank with fresh, cold water and reinsert the tank.

The machine has automatically detected that you have just inserted/changed the filter cartridge.

'Filter is being rinsed', the filter is rinsed. Water flows directly into the drip tray. The start screen is displayed. Your ENA is once more ready for use.

## Cleaning the machine

After 160 preparations or 80 switch-on rinses, the ENA will prompt you to clean it.

## 

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.
- Do not interrupt the cleaning program. The quality of cleaning will be impaired if you do so.
- i JURA cleaning tablets are available from specialized dealers.

**Precondition:** The 'Cleaning the machine' (**\***) symbol is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ► Press the 'Maintenance status' button.
- ► Press the 'Clean' 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 powder chute for ground coffee.
- Insert a JURA cleaning tablet into the powder chute.



Close the powder chute. 'Clean'

 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.

Your ENA is once more ready for use.

## Descaling the machine

The ENA 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.

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#### 5 Maintenance

i If you are using a CLEARYL Smart / Smart mini 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.

#### 

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.
- The descaling program lasts approximately 40 minutes.
- i JURA descaling tablets are available from specialized dealers.
- i If the descaling agent comes in contact with sensitive surfaces (e.g. marble), damage cannot be ruled out. Clean up any splashes immediately.

**Precondition:** The 'Descaling the machine' (\*) symbol is displayed.

- Press the 'P' button for approximately2 seconds to enter programming mode.
- ▶ Press the 'Maintenance status' button.
- ► Press the ' ► ' button. '2/3'
- Press the 'Descale' 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.
- Completely dissolve 3 JURA descaling tablets in a receptacle holding 17 oz (500 ml) of 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 hot water spout.



Press the 'Next' button.
 'Machine is being descaled', water flows repeatedly out of the dual spout and the hot water spout.

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

#### 'Rinse the water tank' | 'Fill water tank'

- Empty the receptacle and place it under the hot water and dual spouts.
- ► Remove the water tank and rinse it thoroughly.
- Fill the water tank with fresh, cold water and reinsert the tank.
- ► Press the 'Next' button.
  - 'Machine is being descaled', the descaling operation is continued, water flows out of the dual spout and the hot water spout.
    'Empty drip tray'
- Empty the drip tray and coffee grounds container and put them back into the machine.
  - Your ENA is once more ready for use.
- i If the descaling operation stops unexpectedly, rinse the water tank thoroughly.

## Descaling the water tank

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

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

## Cleaning the bean container

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

#### **Precondition: 'Fill bean container'** is displayed.

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

## 6 Display messages

## 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 coffee specialties, 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').
The 'Changing the filter' (1) symbol is displayed in red.	The filter cartridge no longer works.	► Replace the CLEARYL Smart / Smart mini filter cartridge (see Chapter 5 'Maintenance – Inserting/changing the filter').
The 'Cleaning the machine' (﴿) symbol is displayed.	The ENA is prompting you to clean it.	► Perform cleaning (see Chapter 5 'Maintenance – Cleaning the machine').
The 'Descaling the machine' ((1) symbol is displayed.	The ENA is prompting you to descale it.	► Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').
The 'Cleaning the milk system' (﴿﴿) symbol is displayed.	The ENA prompts you to clean the milk system.	► Perform milk system cleaning (see Chapter 5 'Maintenance – Cleaning the milk system').
'Too hot'	The system is too hot to start a maintenance program.	► Wait for several minutes until the system has cooled or prepare a coffee specialty or hot water.

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is frothed or milk sprays from the dual spout.		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.	Coffee or ground coffee has been ground too finely and is blocking the system. The water hardness may not have been correctly set.	<ul> <li>Put the grinder on a coarser setting or use coarser ground coffee (see Chapter 2 'Preparation – Adjusting the grinder').</li> <li>▶ Perform descaling (see Chapter 5 'Maintenance – Descaling the machine').</li> </ul>
'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	► Warm the machine at room temperature.

Action

► Clean the milk system in the dual spout

► Switch the ENA off with the On/Off

details / Legal information').

button  $\circlearrowleft$ . Contact customer support in your country (see Chapter 11 'JURA contact

(see Chapter 5 'Maintenance - Cleaning the

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

**Troubleshooting** 

**Problem** 

Insufficient foam is

produced when the milk

Other 'Error' messages

are displayed.

Cause/Result

The dual spout is dirty.

long period of time, heating may be disabled for safety

reasons.

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#### Transport and environmentally 9 Technical data 8 friendly disposal

## Transport / Emptying the system

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

To protect the ENA from frost during transport, the system must be emptied.

**Precondition:** The start screen is displayed.

- ► Remove the milk pipe from the dual spout.
- ► Place a receptacle under the hot water spout.



- ▶ Press the '▶' or '◀' button the number of times needed to display page '5/5'.
- ► Press the 'Hot water' button. 'Hot water', hot 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 ENA is switched off.

## Disposal

Please dispose of old machines in an environmentally neutral way.

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Voltage	120 V ~, 60 Hz
Power	1450 W
Conformity mark	EUL US
Pump pressure	static, max. 15 bar
Holding capacity of	37.2 oz
water tank (without	(1.1 I)
filter)	
Holding capacity of	4.4 oz
bean container	(125 g)
Holding capacity of	approx. 10 servings
coffee grounds	
container	
Cord length	approx. 47 in.
	(approx. 1.2 m)
Weight	Art. 15283:
	approx. 24 lb (10.9 kg)
	Art. 15281/15282/15284:
	approx. 20.7 lb (9.4 kg)
Dimensions	10.7 × 12.7 × 17.5 in.
$(W \times H \times D)$	$(27.1 \times 32.3 \times 44.5 \text{ cm})$
Milk system	HP1

#### Directives

The machine complies with the following directives:

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

Display messages 28

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#### 9 Technical data

L			Language 20
	Language 20		Restore factory settings 19
	Latte macchiato 13		Setting the water hardness 20
M			Unit for amount of water 20
	Machine	R	
	Cleaning 24		Regular maintenance 16
	Daily maintenance 16		Rinsing
	Descaling 25		Machine 21
	Regular maintenance 16		Ristretto 13
	Rinsing 21	S	
	Setting up 10		Safety
	Switching off 16		Important safeguards 4
	Switching on 15		Service socket 9
	Maintenance 21		Settings
	Daily maintenance 16		Permanent settings in programming mode
	Regular maintenance 16		17
	Measuring spoon for ground coffee 9		Setting up
	Messages, display 28		Setting up the machine 10
	Milk		Smart Connect 9
	Connecting milk 12		Spout
	Milk system 30		Height-adjustable dual spout 8
	Cleaning 21		Hot water spout 8
	Milk system rinsing 21		Switching off 16
Р	Wilk System mising 21		Switching on 15
	Permanent settings in programming mode 17		Switch-off
	Powder chute		Automatic switch-off 19
	Powder chute for ground coffee 9		Symbol description 3
	Power cord 8	Т	Symbol description 5
	Preparation 12, 13	•	Technical data 30
	Cappuccino 13		Milk system 30
	Coffee 13		Tel 33
	Espresso 13		Transport 30
	Espresso doppio 13		Troubleshooting 29
	Espresso macchiato 13	U	moduleshooting 25
	Flat white 13	·	Unit for amount of water 20
	Ground coffee 14		Use, First-time 11
	Hot water 15	W	
	Latte macchiato 13	•••	Water hardness
	Ristretto 13		Determining the water hardness 10
	Problems		Setting the water hardness 20
			Water tank 8
	Troubleshooting 29		
	Product settings		Descaling 27 Filling 15
	Adjusting 18		Filling 15 Website 10
	Programming mode 17		אאפחצונק IO
	Automatic switch-off 19		
	Energy-saving mode 19		

# 11 JURA contact details / Legal information

#### Headquarters

JURA Elektroapparate AG Kaffeeweltstrasse 10 CH-4626 Niederbuchsiten Switzerland

	USA: JURA Inc.	Canada: FAEMA
Customer Service		
Phone E-Mail	1-800-220-5701 info@us.jura.com	1-(855)-544-8600 info@juracanada.ca
Opening Hours (EST)	Mon – Thu 9am – 9pm Fri 9am – 8pm Sat 9am – 5pm	
Distributor Address	20 Craig Road Montvale, NJ 07645	115 Matheson Boulevard East Mississauga, Ontario, L4Z 1X8
Phone	001 (201) 767-3999	1-(905)-501-8600
Fax	001 (201) 767-9684	. ,
Internet	www.us.jura.com	www.ca.jura.com

Wou will find additional contact details for your country at www.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 ENA may vary.

#### Feedback

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

## Copyright

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