

IMPRESSA E40 IMPRESSA E45 IMPRESSA E60 IMPRESSA E65 Instructions for use

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# Jura Impressa E40/E45/E60/E65

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Jura Elektroapparate AG, CH-4626 Niederbuchsiten, Internet http://www.juraworld.com





















### Operating elements Jura Impressa E40/E45/E60/E65

- 1 Water quantity switch
- 2 Powder coffee selection switch
- 3 Coffee key for 2 cups
- 4 Maintenance key (for functions such as: rinsing, cleaning, de-scaling, filter)
- 5 Coffee key for 1 cup
- 6 ON/OFF switch
- 7 Display with symbols
- 8 Water tank with carrying handle
- 9 Height-adjustable coffee spout
- 10 Pre-ground coffee filler funnel
- 11 Cover for beam container
- 12 Selector switch for hot water/steam
- 13 Pivoting nozzle for hot water/steam
- 14 Frothing aid
- 15 Container for coffee grounds
- 16 Drip tray cover
- 17 Drip tray

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#### Important information for the user

Thank you for choosing this Jura product.

Please study these instructions carefully before using your new machine for the first time and keep them in a safe place for easy reference in future.

Should you require further information or should particular problems occur that are not dealt with in sufficient detail for you in these operating instructions, please contact your local dealer or us for the information you require.

# 1. Description

This fully automatic espresso/coffee machine impresses because of its compactness and can prepare 1 or 2 cups of excellent, professional-quality espresso/coffee with guaranteed froth. The unique Jura pre-brew system (Intelligent Pre Brew Aroma System I.P.B.A.S<sup>©</sup>) ensures full use of the coffee aroma. The machine works fully automatically at the push of a button. With the coffee aroma, you have the choice between normal, strong and extra strong, depending on taste. The integrated grinder grinds the beans to the required fineness. A separate filler funnel makes it possible to use additional, pre-ground sorts of coffee. The water quantity can be set individually. Electronic filling controls for the water tank and container for coffee grounds simplify operation. Thanks to the integrated rinsing, cleaning and de-scaling programmes, care and maintenance are also quick and easy.

#### 1.1 Symbols

- 1 COFFEE READY
- 2 COFFEE POWDER
- **3** RINSE MACHINE
- 4 STEAM / HOT WATER
- 5 CLOSE TAP
- 6 FILL WATER
- 7 EMPTY GROUNDS CONTAINER / DRIP TRAY MISSING
- 8 CLEAN MACHINE
- 9 MACHINE SCALED
- 10 REPLACE FILTER
- 11 OPEN TAP



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# 2. Safety instructions

# 2.1 Warnings

- Children are unaware of the dangers that electrical machines can represent; for this reason, children should never be left unsupervised with electrical machines.
- This machine should only be used by people who have read these instructions.
- Never use a faulty machine or one with a damaged power cable.
- Never immerse the machine in water.

# 2.2 Safety precautions

- Never subject the machine to the effects of the weather (rain, snow, frost) and never operate it with wet hands.
- Place your machine on a solid level surface. Never leave it on a surface which is warm or hot (hob etc.). Choose a location which is inaccessible for children or for pets.
- Always pull the plug out if you are away for a long time (holidays etc.).
- Always pull the plug out first before cleaning.
- When pulling the plug out, never tug on the cord or on the machine itself.
- Never repair or open the machine yourself. All repairs should be done by authorised service centres only using original Jura spare parts and accessories.
- The machine is connected to the mains power socket via an electric cable. Make sure that nobody trips over it and pulls the machine down. Keep children and pets well away from the machine.
- Never put the machine or even parts of it into the dishwasher.
- Choose a place with a good circulation of air in order to prevent the machine from overheating.

If you use de-scaling agents containing acid, remove any splashes and drips on sensitive surfaces, in particular natural stone and timber surfaces and/or take corresponding precautionary measures.

# 3. Preparation of the machine

# 3.1 Checking the mains voltage

The machine is set to the correct voltage before leaving our factory. Ensure that your mains voltage corresponds to the details quoted on the rating plate attached to the bottom of the machine.

### 3.2 Checking the fuse

The machine is designed for a current of 10 Amps. Check that the fuse used matches this.

# 3.3 Filling the water tank

- Remove the water tank and rinse it out well with cold tap water.
- Then fill the water tank and put it back into the machine. Ensure that the tank engages properly (Fig. 1).
- Only use fresh, cold water. Never fill with milk, mineral water or other fluids. You can also add water without removing the tank. Simply lift the lid up and pour in water from above with a vessel. Close the lid again.

# 3.4 Adding coffee beans

To ensure that your machine will work perfectly for a long time and to avoid damage, please note that the grinding gear of your Jura coffee machine is not suitable for coffee beans which were treated, during or after roasting, with additives (e.g. sugar). Such coffee blends may damage the grinding gear. Any repair costs resulting from the use of such blends are not covered by warranty. ■ Lift up the cover of the bean container (11).

- Clean out any dirt or foreign objects from the bean container.
- Pour coffee beans into the bean container and close the cover again.

# 3.5 Adjusting the grinder

You have the possibility of adjusting the grinder to the roast of your coffee. We recommend the following:

for a light roast  $\rightarrow$  a finer adjustment for a dark roast  $\rightarrow$  a coarser adjustment

- Open the cover of the bean container.
- To adjust the grinding, turn the selector switch (Fig. 2) to the required position.
- You have the following possibilities:

the smaller the dots, the finer the grinding the larger the dots, the coarser the grinding

the degree of grinding should only be adjusted with the grinder in operation.

# 3.6 Adjusting the water hardness

Water is heated inside the machine. This leads to calcium deposits (scale) during use. This is automatically displayed.

Before you use your machine for the first time, you must adjust it to the hardness of the local water. For this purpose, please use the enclosed test sticks.

1° German water hardness corresponds to 1.79° French water hardness.

The machine has 6 hardness settings to choose from. During the setting, the water hardness selected is shown on the display.

#### Level for Claris Filter

Setting for the use of the Claris filter cartridge.

The automatic scale display is

German water hardness  $1 - 7^{\circ}$ 

French water hardness 1.79 - 12.53°

switched off.

Level 1

Level 2

Level 0 = water hardness is switched off



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The machine is adjusted to hardness level 3 in the factory. You can alter this setting by proceeding as follows:

German water hardness  $24 - 30^{\circ}$ French water hardness 42.96 - 53.7°

Level 3

German water hardness  $16 - 23^{\circ}$ French water hardness 28.64 – 41.14°

#### Level 4

German water hardness  $8 - 15^{\circ}$ French water hardness 14.32 - 26.85°

- Pull the plug and the feed wire out of the wire box on the back of the machine.
- Put the plug in.
- Do not switch the machine on.
- Now select the corresponding level with the draw-off key and press the ON/OFF () switch in order to save the setting. The symbols go off.

The water hardness only need to be set before the first use of the machine or if a different water quality is used.

If you do not carry out a change of level for longer than 30 seconds, the display goes off. The last figure you have stored remains valid.

# 3.7 Adjustable automatic switch-off

You can amend the automatic switch-off time of 1 1/2 hours set by Jura. The machine offers you three levels for this:

1st level

The **##** symbol lights up. The automatic switch-off is not activated.

2nd level The 333, 34, 34 symbols light up. The automatic switch-off is set to 1 1/2 hours.

3rd level The 33,  $\mathfrak{B}$ ,  $\mathfrak{B}$ ,  $\mathfrak{B}$ ,  $\mathfrak{H}$ ,  $\mathfrak{F}$  symbols light up. The automatic switch-off is set to 3 1/2 hours. In order to set or alter the automatic switch-off time, please proceed as follows:

- Connect the plug with the mains.
- However, do **not** switch the machine on.
- Select the required level with the draw-off key.
- Press the ON/OFF <sup>(1)</sup> switch in order to save the required level.
- If you do not carry out a change of level for longer than 30 seconds, the display goes off. The last figure you have stored remains valid.

# 4. First start of operation

# 4.1 Fill system with water

- Switch your machine on with the ON/OFF <sup>(1)</sup> switch.
- Place an empty cup under the pivoting nozzle for hot water/ steam (13).
- Switch the selector switch for hot water/steam (12) to the bosition. The machine now lets off water and the bosition symbol flashes at the same time.
- If the ⇔ symbol lights up on the display, turn the selector switch for hot water/steam (12) back to the 🙀 position.

# 5. Rinsing the machine

When the ## symbol lights up, a rinsing process is demanded.

- Place an empty cup under the coffee-spout.
- Press the rinsing maintenance key (4). The rinsing process is automatically ended.



If the machine has been switched off and has already cooled down, the rinsing function will be demanded when the machine is switched on.

A rinsing is automatically started when the machine is switched off.

# 6. Adjusting the water quantity

The water quantity can be infinitely adjusted with rotary knob (1). The small key means little water for espresso, the large cup means a lot of water for coffee.



You can also change the water volume while coffee is being drawn off. Simply turn the rotary knob (1) to give more or less water.



With draw-off key , the machine automatically doubles the water quantity and distributes it to 2 cups.

# 7. Drawing off espresso/normal coffee

- As soon as the 💭 symbol lights up, you can draw off coffee.
- Place 1 or 2 cups, as necessary, under coffee-spout (9) and press the required draw-off key. The pre-brew system (I.P.B.A.S.<sup>©</sup>) moistens the coffee powder, briefly interrupts the flow and then starts the actual brewing process.



You can interrupt the draw-off prematurely by pressing any of the coffee draw-off keys.



In order to obtain outstanding froth, you can adapt the coffee-spout (5) individually to the size of your cups (Fig. 3).

# 7.1 Drawing off espresso/strong coffee

- Place 1 cup under the coffee-spout (9).
- Press the draw-off symbol until two dots light up to the left of the <sup>1</sup> symbol.

This draw-off of espresso / strong coffee is only possible for 1 cup.

### 7.2 Drawing off espresso/extra coffee

- Place 1 cup under the coffee-spout (9).
- Press the D draw-off symbol until three dots light up to the left of the D symbol.

This draw-off of espresso / extra coffee is only possible for 1 cup.

# 7.3 Drawing off powder coffee

- Press the 🖋 selector switch. The 🖋 and 💭 symbols light up.
- Now put 1 or 2 level measuring spoons of pre-ground coffee into the filler funnel for pre-ground coffee (10).
- Place 1 or 2 cups under the coffee-spout (9) and press the required coffee key.
- Never use water-soluble instant coffee or quick coffee. We recommend that you only use powder from freshly ground coffee beans or pre-ground, vacuum-packed coffee. Never put more than 2 portions of coffee in. The filler funnel is not a storage container.

- If the S draw-off key is pressed by mistake, the selection can be cancelled by pressing the D draw-off key. Your machine rinses.

After each cleaning operation the filler funnel for the 2nd coffee type should be cleaned.

#### 8. Drawing off steam

The steam can be used for heating liquids and also for frothing milk for cappuccino. Make sure that the frothing aid (14) is pushed upwards when heating liquids. When frothing liquids, push the frothing aid downwards (Fig. 5).

- Place a cup under the pivoting nozzle for hot water/steam (13).
- Immerse the frothing aid (14) into the milk to be frothed or the liquid to be heated and turn the selector switch for hot water/steam (12) to the 🏷 position.
- Immediately after this, press the maintenance key (4).
- When you have reached the required quantity of steam, turn the selector switch for hot water/steam (12) back to the position ♥♥.
- The  $\square$ ,  $\$  symbols light up.
- If you would like to draw off a coffee immediately after the steam, please proceed as described in point 8.1.

The max. draw-off time is about 8 minutes.



A little water will come out first when frothing. It can be let off before actually drawing off steam. The good result, e.g. when frothing milk, is not influenced in any way.

At the start of a steam draw-off, there can be splashes. The pivoting nozzle for hot water/steam gets hot. Please avoid direct contact with the skin.

# 8.1 Drawing off steam with the Profi-Auto-Cappuccino/Caffè Latte (optional E45)

The Profi-Auto-Cappuccino/Caffè Latte is optionally available. Contact your authorized dealer.

# 8.2 Return to stand-by

- Place a vessel under the pivoting nozzle for hot water/steam (13).
- Press a draw-off key, the  $\mathbb{Q}$  symbol lights up on the display.
- Turn the selector switch for hot water/steam (12) to the position  $\mathbb{Y}$ .
- Draw water off until the flow of water is automatically interrupted and the ⇔ symbol lights up.
- After this, turn the selector switch for hot water/steam (12) back to the 🕶 position.
  - After each steam draw-off, clean the pivoting nozzle with a damp cloth.

# 9. Drawing off hot water

- Place a cup under the pivoting nozzle for hot water/steam (13) and turn the selector switch for hot water/steam (12) to the symbol 3.
- The machine now produces hot water.
- To finish the process, turn the selector switch for hot water/ steam (12) back to the <sup>brd</sup> position.
  - At the start of a water draw-off, there can be splashes. The pivoting nozzle for hot water/steam gets hot. Please avoid direct contact with the skin.

### 9.1 Drawing off hot water E45



Install the hot water nozzle to optain perfect water flow. This is included in your Welcome Pack.

# 10. Switching machine off

When the machine is switched off, the rinsing programme is automatically started. Therefore, place an empty container under the coffee-spout and press the ON/OFF (1) switch.

When the rinsing water has run into the cup, the machine switches off. Throw the rinsing water away.

# 11. Care and maintenance

# 11.1 Fill water

• When the  $\mathfrak{P}$  display lights up, no drawing-off is possible. Fill with water as described under point 3.3.

# 11.2 Empty grounds container

The grounds container collects the coffee grounds. When this display 🖗 lights up, no drawing-off is possible and the grounds container must be emptied.

- Push the coffee spout (9) up.
- Remove the drip tray. Be careful, as there is water in it.
- Empty and clean the drip tray and the grounds container (Fig. 6). Push the drip tray and then the grounds container back in (Fig. 7).

The drip tray must also be emptied when you empty the grounds.

# 11.3 No drip tray

If the 🛱 symbol flashes, the drip tray has not been inserted properly.

- If the drip tray has not been put into the machine, you can clean the interior of the sector of the sector. clean the interior of the machine. Wipe out any coffee powder that might be in the machine with a damp cloth. Put the drip tray back in again.

# 11.4 Clean unit

After 200 draw-offs or 160 rinses, the machine must be cleaned; the 📽 symbol flashing announces this. You can continue to draw off coffee or hot water/steam. We recommend carrying out the cleaning (as described in point 12) within the next few days. Warning lamp does not go out until the complete cleaning prozess has been carried out.

# 11.5 Unit scaled

Scale is caused by using the machine and depends upon the hardness level of your water. The machine recognises the necessity of de-scaling. Here too, the flashing || symbol tells you when de-scaling is necessary. You can continue to draw off coffee or hot water/steam. We recommend carrying out the de-scaling (as described in point 13) within the next few days. Warning lamp & does not go out until the complete decalcifying prozess has been carried out.

# 11.6 Use of Claris filter cartridges

If the Claris filter cartridges are used correctly, your machine no longer needs de-scaling. You can obtain more information from the brochure "Claris. Hard on scale. Gentle to your coffee machine." (enclosed in the welcome pack).

# 11.7 Insert filter

- Pull up the cartridge holder in the water tank. Pressing gently, put the filter cartridge into the water tank (Fig. 4).
- Close the cartridge holder until it engages audibly.
- Fill the water tank with cold fresh tap water and put it back into the machine.
- Switch the machine off with the ON/OFF <sup>(1)</sup> switch.
- Press the D draw-off key for about 3 seconds. The degree of hardness set appears on the display.
- Press the  $\bigcirc$  draw-off key until only the  $\frac{1}{2}$  symbol is still alight.
- Press the ON/OFF O switch as a confirmation. The  $\nexists$ ,  $\P$  symbols light up.
- Place a sufficiently large vessel under the pivoting nozzle for hot water/steam (13) and turn the selector switch for hot water/steam (12) to the position 3.
- $\blacksquare$  Draw off water until the symbol lights up.
- Now turn the selector switch for hot water/steam (12) back to the position <sup>brd</sup>.
- When the **##** symbol lights up, press the maintenance key (4). Your machine rinses and is ready for drawing off coffee.
  - The water can be slightly discoloured (not dangerous to health)

# 11.8 Replace filter

After 50 litres have been drawn off, the filter loses its effect. The  $\frac{1}{2}$  symbol flashes to inform you.



If you do not draw off often, you should replace the filter cartridge every 2 months, but no report appears on the display. There is a special disk on the cartridge holder so that you can set the replacement date.

- Switch your machine off with the ON/OFF <sup>(1)</sup> switch.
- Press the maintenance key (4) for about 3 seconds. The ∄, ⊕ symbols light up.
- Empty the water tank and lift up the cartridge mounting. Pressing gently, put the new filter cartridge into the water tank (Fig. 4)
- Place a sufficiently large vessel under the pivoting nozzle for hot/water steam (13) and turn the selector switch for hot water/steam (12) to the position S. The S symbol flashes.
- Draw off water until the  $\Leftrightarrow$  symbol lights up.
- Now turn the selector switch for hot water/steam (12) back to the position ".
- When the **##** symbol lights up, press the maintenance key (4). Your machine rinses and is ready for drawing off coffee.

# 11.9 General cleaning instructions

- Never use abrasive articles or corrosive chemicals to clean your machine.
- Wipe down the casing on the inside and out using a soft, damp cloth.
- Clean the pivoting nozzle for hot water/steam after each use.
- After heating milk, draw off a little hot water in order to clean the inside of the pivoting nozzle.
- You can take off the frothing aid for a thorough cleaning (Fig. 8).
- The water tank should be rinsed out and filled with clean water every day.
  - If there is scale visible in the water tank, you can remove it with a customary de-scaling agent. Remove the water tank from the machine for this purpose.

# 11.10 Empty system



This procedure is necessary in order to protect the machine from damage by frost in transport.

- Switch the machine **OFF** with the ON/OFF <sup>(1)</sup> switch.
- Place a vessel under the pivoting nozzle for hot water/steam (13).
- Turn the selector switch for hot water/steam (12) to position  $\mathcal{L}$ .
- Switch your machine back on again with the ON/OFF () switch. The ⇔ symbol lights up.
- Press the maintenance key 33 until the symbol b flashes. b.
- After this, turn the selector switch for hot water/steam (12) back to the <sup>bd</sup><sub>i</sub> position.

# 12. Cleaning

The machine has an integrated cleaning programme.

 $\Rightarrow$ 

If the machine needs cleaning, the **%** symbol flashes. You can continue to draw off coffee or hot water/steam and run the cleaning programme later.

Only use Jura cleaning tablets. They are available from your Jura dealer.



You must not interrupt the cleaning programme once it has started.

- Switch your machine on with the ON/OFF O key.
- Press the maintenance key (4) for about 3 seconds. The ເ\ (only when necessary), (\$\$, \$\$ symbols light up.
- Fill the water tank.

- Empty the drip tray and the grounds container and put both of them back in again. The <sup>C</sup>A (only when necessary), <sup>(3)</sup> # symbols go off and the <sup>311</sup> symbol appears.
- Please a vessel under the coffee spout (9) and press the maintenance key (4). The *##* symbol goes off.

The  $\mathcal{R}$  symbol lights up to inform you that the cleaning process has been activated.

- If the 攀 symbol lights up, empty the drip tray (if necessary) and put it back in again. The 攀 symbol goes off and the €, ∰, । ♣ symbols light up.
- Now put a Jura cleaning tablet into the filler funnel for powder coffee (10) (Fig. 9).
- Press the maintenance key (4). The 🏈 , 🗱 symbols go off.

The cleaning process is continued. This is displayed by the  $\[mathcal{e}\]$  symbol lighting up.

- If the ♥ symbol lights up again, empty the drip tray (if necessary), wait for about 10 seconds before putting it back in again. The ♥ symbol goes off and the ##, ♥ symbols light up.
- Place a vessel under the coffee spout (9) again and press the maintenance key (4).
- The cleaning process is continued. This is displayed by the <sup>2</sup>/<sub>2</sub> symbol lighting up. As soon as it has been completed, the <sup>2</sup>/<sub>2</sub> symbol lights up.
- Empty the drip tray and the grounds container and put both of them back in. The symbol lights up.
  - After each cleaning operation the filler funnel for the 2nd coffee type should be cleaned.

# 13. Descalcifying

The machine has an integrated de-scaling programme. If you use a Claris filter cartridge, your machine does not need de-scaling. Only use Jura cleaning tablets. They are available from your Jura dealer.

 $\Rightarrow$ 

If the machine needs de-scaling, the H symbol flashes. You can continue to draw off coffee and hot water/steam and then run the de-scaling programme later.

Only run the de-scaling programme when the machine has been switched off for at least 2 hours and has cooled down well. The de-scaling programme is started with the machine switched off. Once it has started, the de-scaling programme must not be interrupted.

- Switch your machine off with the ON/OFF <sup>(1)</sup> switch and leave it to cool down for 2 hours.
- Remove the water tank and empty it.
- Press the maintenance key (4) for about 3 seconds. The ♣, ₩ symbols light up.
- Empty the drip tray and the grounds container and put both of them back in again. The 🖑 symbol goes off and the 🖡, 🗳 symbols light up.
- Turn the selector switch for hot water/steam (12) to the position . The ⊕ symbol go off and the ﷺ, I symbols light up.
- Place a sufficiently large vessel under the pivoting nozzle for hot water/steam (13) and press the maintenance key (4).

The lighting of the H symbol and the flashing of the J symbol show you that the de-scaling process has been activated.

- If the 攀 symbol lights up, empty the drip tray (if necessary) and put it back in again. The ⇔ symbol lights up.
- Turn the selector switch for hot water/steam (12) back to the position  $\mathbb{M}^{1}$ .

The de-scaling process is continued de-scaling solution is guided into the drip tray in the interior of the machine.

- The 🍳, 🐲, 🛿 symbols light up.
- Rinse the water tank out well and fill it with cold fresh tap water. Then put it back into the machine again. Place a sufficiently large vessel under the pivoting nozzle.
- Empty the drip tray and put it back in again. The ⊕, **H** symbols light up.
- Turn the selector switch for hot water/steam (12) to position  $\mathcal{Y}$ .
- Place a sufficiently large vessel under the pivoting nozzle for hot water/steam (13) and press the maintenance key (4).

The lighting of the || symbol and flashing of the 2 symbol show you that the de-scaling process has been activated.

- If the ⇔, ♥, ₩ symbols light up, empty the drip tray (if necessary) and put it back in again.
- Turn the selector switch for hot water/steam (12) back to the position ".

The de-scaling process is continued and the water is guided into the drip tray in the interior of the machine.

- If the ఈ symbol lights up, empty the drip tray and put it back in again. The ∰ symbol appear.
- After this, press the maintenance key (4). Your machine rinses and is now ready for the next draw-off of coffee.

# 14. Disposal

For correct disposal, you should return your coffee machine to your dealer, your Jura service centre or the firm of Jura.

# 15. Tips for perfect coffee

*Height-adjustable coffee-spout* You can adjust the coffee-spout to the size of your cups

*Grinding* See point 3.5

#### Pre-warming cups

You can pre-warm the cups with hot water or steam. The smaller the amount of coffee, the more important the pre-warming.

#### Sugar and cream

Heat is lost by stirring the contents. Adding milk or cream from the fridge considerably lowers the temperature of the coffee.

# 16. Messages

Display	Cause	Action
	– System empty	- Fill system (see point 4.1)
	- System too hot after drawing off steam	- Reset to coffee stand-by
	- Wrong position of selector switch	- Put selector switch into correct position
	– General troubles	1. – Switch off – disconnect from mains – connect to mains – switch machine on
		2. Have machine examined by Jura service centre
	– Machine needs rinsing	Rinsing the machine
	– The tank is empty	– Fill with water
(G	- Floater defective	- Rinse out or de-scale water tank
	- Grounds container full	– Empty grounds container
	- Tray replaced too early after emptying	- Only replace the tray after about 10 sec.

Display	Cause	Action
flash ¥	- Drip tray not inserted properly or missing	- Insert correctly
flash R	- Cleaning necessary	- Carry out cleaning process
flash	- De-scaling necessary	- Carry out de-scaling process
flash	– Replacing of filter	– Run program

# 17. Problems

Problem	Cause	Action
Coffee flow is stopped after pre-brewing	- bean container empty	– Fill with beans
g	<ul> <li>not enough coffee powder</li> </ul>	- Correct amount of powder
Grinder is very noisy	– foreign body in grinder	<ul> <li>Drawing off coffee with pre-ground powder is still possible</li> </ul>

- Have machine examined by Jura service centre

Problem	Cause	Action
Not enough froth when frothing milk	- frothing aid blocked	- clean frothing aid
	- frothing aid in wrong position	- draw off steam (see point 8)

If the above mentioned messages and/or problems still exist, please contact your dealer or get in touch directly with Jura Elektroapparate AG.

#### 18. Legal information

These operating instructions contain the information necessary for the correct use, operation and maintenance of the machine.

Understanding of and complying with the directions contained in these operating instructions are essential for use of the machine without risk and for safety in operation and maintenance.

The operation instructions cannot cover every imaginable example of use. The machine has been designed for use in private households.

We would further like to point out that the contents of these operating instructions in no way constitute a part or, nor do they alter any previous or existing contract, assurance or legal relationship. All obligations on the part of Jura Elektroapparate AG result from the purchase contract in question, which also contains full details of the only warranty regulations applying to this machine. These contractual warranty terms are neither extended nor limited by the information given in these operating instructions.

The operating instructions contain information protected by copyright. Photocopying or translating into another language shall not be admissible without prior written approval by Jura Elektroapparate AG.

#### 19. Technical data

Voltage:	230V AC
Output:	1350 W
Fuse:	10 A
Safety check:	\$ <b>(E</b>
Energy consumption standby:	approx. 4Wh
Energy consumption ready to make coffee:	approx. 17Wh
Pump pressure:	max. 15 bar
Water tank:	1,9 litres
Capacity, bean container:	200 gr.
Capacity, grounds container:	max. 16 port.
Cable length:	1,1 m
Weight:	8,3 kg
Dimensions (B x H x D):	28 x 34,5 x 41,5 cm

The machine complies with the following EU directives:

73/23/EWG dated 19/02/1973 "Low Voltage Directive" including Modification Directive 93/336/EWG

89/336/EWG dated 03/05/1989 "EMC Directive" including Modification Directive 92/31/EWG