

PLEASE AFFIX YOUR PROOF OF PURCHASE/RECEIPT HERE.
IN THE EVENT OF A CLAIM UNDER WARRANTY, THIS RECEIPT MUST BE PRODUCED.

WARRANTY

Amalgamated Appliances (Pty) Limited ("the Supplier") warrants to the original purchaser of this product ("the Customer") that this product will be free of defects in material and workmanship which under normal, personal, family or household purpose manifest themselves within a period of 365 days from the date of purchase or in respect of commercial or professional purposes, manifest themselves within a period of 90 days from the date of purchase. Any claim in terms of the warranty must be supported by a proof of purchase. If such proof is not available, then notwithstanding anything to the contrary herein, the Supplier's normal charge for service and/or spares will be payable by the Customer upon collection of the repaired product. If a claim is made in terms of the aforesaid warranty within the first 7 days from the date of purchase, the faulty product will be exchanged (provided that the product is in its original packaging with all accessories). Failing return of the product within 7 days, the Supplier's liability shall be limited on return to the Supplier of the product or parts thereof, to the replacement or repair (in the sole discretion of the Supplier, or its duly authorised service dealer) of the product to eliminate any defect in workmanship or materials found to be due exclusively to any acts or omissions on the parts of the Supplier, of which defects the Supplier shall have been notified in writing by the Customer within the aforesaid warranty period. The warranty provided herein and the obligations of the Supplier as aforesaid are in lieu of, and the Customer waives, all other warranties, guarantees, conditions or liabilities, express or implied, arising by law or otherwise, including without limitation, any obligation of the Supplier in respect of any injury, loss or damage (direct, indirect or consequential) arising out of the use of, or inability to use, this product and whether or not occasioned by the Supplier's negligence (gross or otherwise) or any act or omission on its part. The warranty does not include and will not be construed to cover products damaged as a result of disaster, misuse, abuse or any non-authorized modification of the product. The warranty does not include replacement of light bulbs, heater bars, paper bags or any glass, plastic bowl or jug or other expendables. During the warranty period the product should be taken to a service centre of the Supplier or one of its duly authorised service agents. The Supplier neither assumes nor authorises any other person to assume for it, any additional liability in connection with the sale or servicing of its products.

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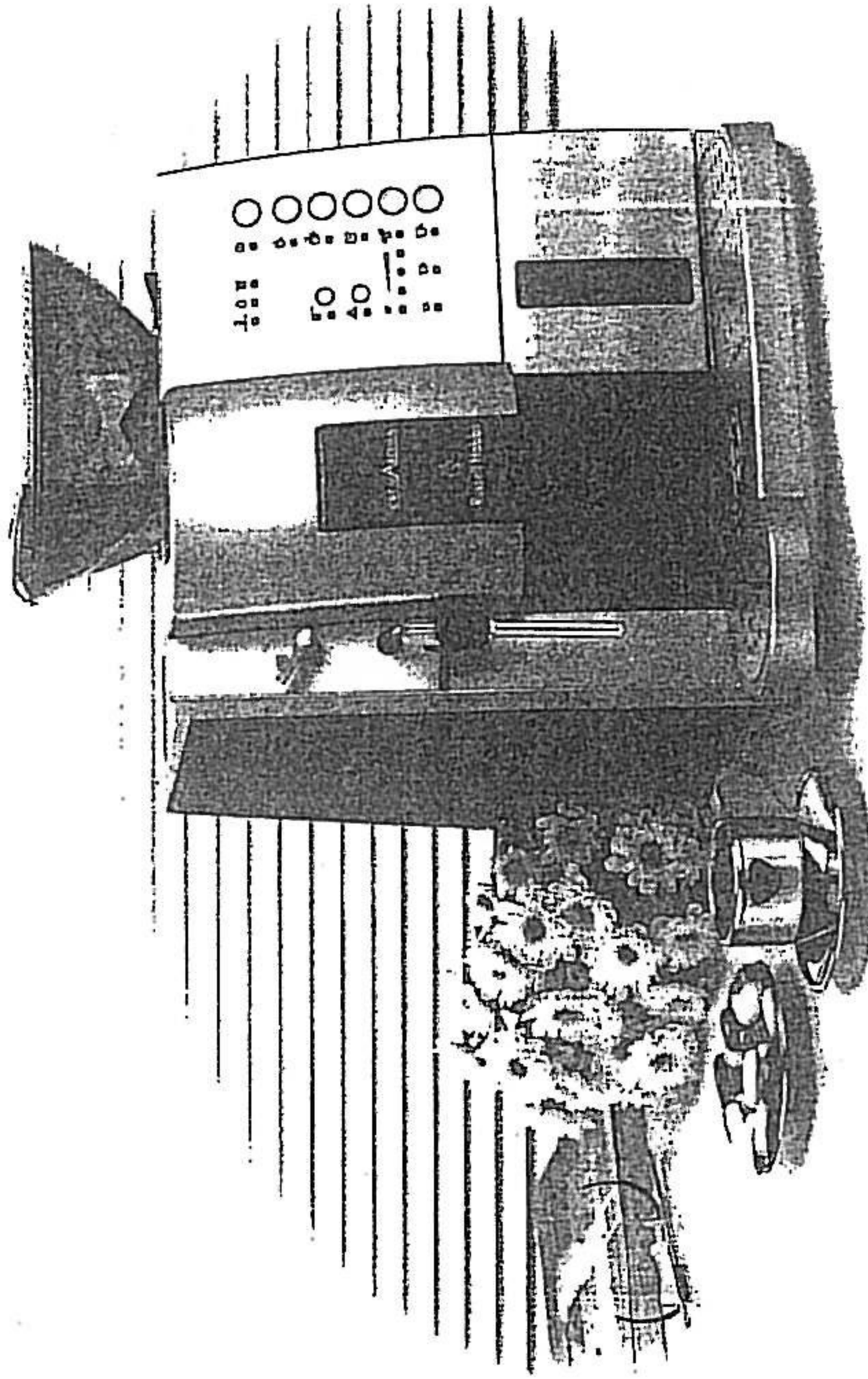
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Russell Hobbs®

INSTRUCTIONS / WARRANTY



MODEL: RHAC 150

16 BAR BEAN TO CUP FULL AUTOMATIC
ESPRESSO / CAPPUCCINO MAKER



Russell Hobbs

INTRODUCTION

Congratulations on the purchase of a Russell Hobbs Full Automated Bean To Cup Espresso Cappuccino Maker. This instruction manual describes the many benefits and advanced features that this unique product has to offer. Each unit has been manufactured to ensure safety, reliability and ease of use. Before use, please read these instructions to get the long lasting results from this excellent product. We suggest that you keep the manual in a safe place for further reference

IMPORTANT SAFEGUARDS

When using your Russell Hobbs RHAC 150, basic precautions should always be followed including the following:

- Make sure the power used corresponds to the one indicated on the rating label.
- Always place the unit on a flat, level surface.
- Do not operate without water in the reservoir.
- Do not remove the filter holder during water flow or coffee flow.

RUSSELL HOBBS are very safety conscious when designing and manufacturing consumer products, but it is essential that the product user also exercise care when using an electrical appliance. Listed below are precautions, which are essential for the safe use of an electrical appliance.

- Read carefully and save all these instructions for future reference.
- Always turn the power off at the power outlet before you insert or remove a plug. Remove by grasping the plug – do not pull on the cord.
- Turn the power off and remove the plug when the appliance is not in use and before cleaning.
- Never use warm or hot water to fill the water reservoir. Use only cold water.
- Do not use your appliance with an extension cord unless this cord has been checked and tested by a qualified technician or service person.
- Close supervision is necessary when the appliance is being used near children or irresponsible persons.
- Never leave an appliance unattended whilst in use.
- Disconnect the plug from the power outlet if there is any problem during the coffee making process or prior to cleaning the appliance.
- Do not allow the power cord to come into contact with the hot parts of the machine.
- Keep hands away from hot parts of the appliance including the metal steam nozzle and the coffee dispenser.



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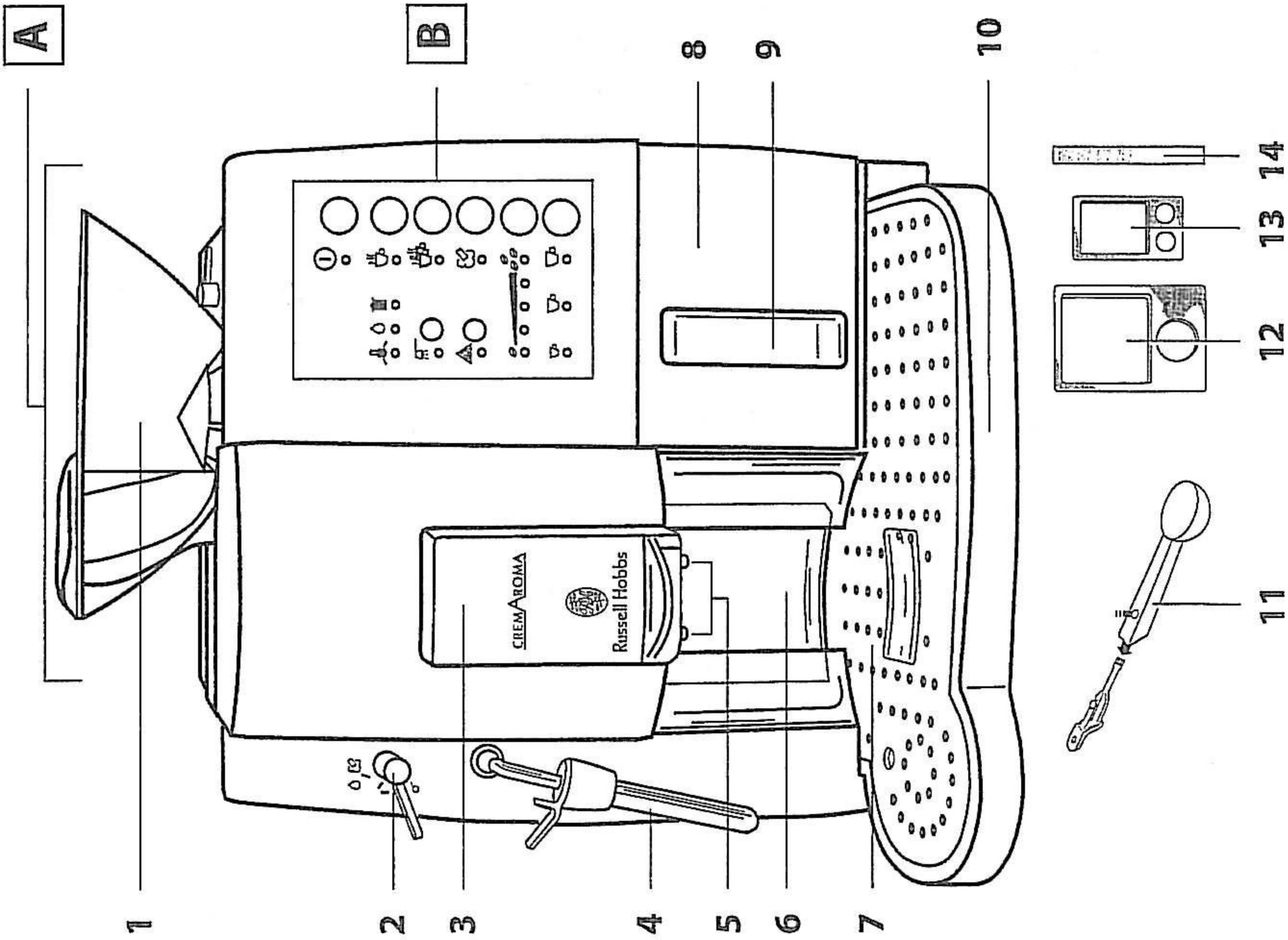
- Do not use this appliance for any purpose other than its intended use as described in this instruction book.
- Do not place this appliance on or near a hot gas flame, electric element or on a heated oven. Do not place on top of any other appliance.
- Do not let the power cord hang over the edge of a table or bench top or touch any hot surfaces.
- For safety reasons and to avoid maintenance by unskilled persons, some appliances are 'sealed' using tamperproof screws. Such appliances should always be returned to the nearest appointed Russell Hobbs agent for adjustment or repair if required.
- Do not operate any electrical appliance with a damaged cord or after the appliance has been dropped or damaged in any manner. If damage is suspected, return the appliance to the nearest Amalgamated Appliances Service Centre for examination, repair or adjustment.
- Once the packaging has been removed, check the appliance is in full working order. If in doubt, do not use the appliance and contact qualified service staff.
- Packaging material (plastic bags, foam polystyrene, etc.) should not be left within reach of children as they could be a potential source of danger.
- Use only water in this espresso/cappuccino maker. Do not put any other liquids or food products in this appliance. Do not mix or add anything to the water placed in this appliance, except as instructed in this Instruction Book.
- Do not attempt to move the coffee maker body if it contains liquids.
- Make sure the water tank and coffee powder dispenser are in place before use.
- Empty the coffee powder dispenser regularly.
- This appliance is for domestic use only. Any other use is to be considered improper and invalidates the warranty.
- Do not immerse the appliance in water or any other liquid unless recommended.
- The appliance's power-cable must not be replaced by the user, as special tools are required in order to replace it. In the event of damage to the cable, or if the cable needs replacing, only contact the nearest after-sales assistance centre authorized by the manufacturer.
- This appliance generates heat and escaping steam during use. Use proper precautions to prevent the risk of burns, fires, and other injury to person or property.

CAUTION: To prevent injury when utilizing the steam nozzle be careful not to touch the metal parts, as it gets hot and can cause injury.

**SAVE THESE INSTRUCTIONS
FOR HOUSEHOLD USE ONLY**



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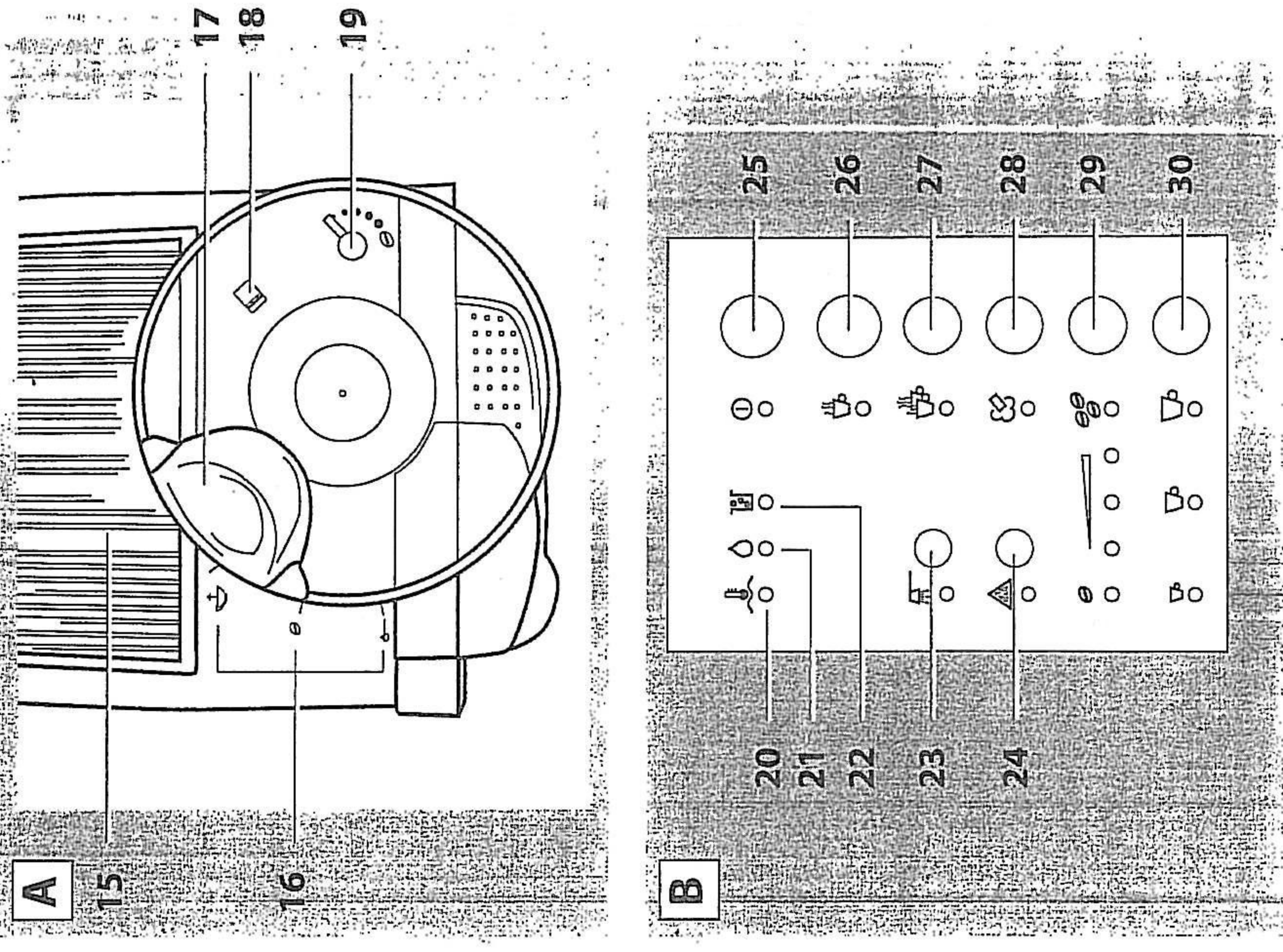




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Service-Hotline

Freephone customer service hotline: +27 11 4900 9000



Appliance specifications

Russell Hobbs CremAroma

Name: Automatic coffee maker
 Order number: RHAC 150
 Voltage: 220-240 V ~ / 50 Hz
 Rated input: 1350 W
 Heating system: Thermostat-controlled instantaneous water heater, 1200 W
 Pump: Electromagnetic high-performance pump (50W); Pressure: 12-16 bar
 Mains cable: max. 1.1 m
 Dimensions: 375 x 310 x 395 mm (H x W x L)
 Weight: approx. 9 kg
 Protection category: II

Interference suppression: This appliance has been interference-suppressed in accordance with interference suppression directives.

Parts of the appliance

- 1 Coffee bean container
- 2 Rotary switch "Hot water/steam"
- 3 Height-adjustable coffee outlet unit
- 4 Steam nozzle with froth function
- 5 Coffee spout
- 6 Coffee powder container
- 7 Cup grid
- 8 Water reservoir
- 9 Level indicator
- 10 Removable drip tray
- 11 Measuring spoon with cleaning brush
- 12 Descaling tablet
- 13 Cleaning tablets
- 14 Test strip for determining the water hardness

A

- 15 Heated cup tray
- 16 Position setting for coffee bean container
- 17 Filling receptacle for coffee powder
- 18 Release for grinding ring
- 19 Lever for setting grinding degree

Control elements and indicators

B

- 20 Indicator "Appliance is heating"
- 21 Indicator "Refill water"
- 22 Indicator "Empty coffee residue container"
- 23 Button and indicator "Start cleaning programme"
- 24 Button and indicator "Start descaling programme"
- 25 Button and indicator "ON/OFF"
- 26 Button and indicator "Coffee request 1 cup"
- 27 Button and indicator "Coffee request 2 cups"
- 28 Button and indicator "Steam pre-selection"
- 29 Button and indicator "coffee grinding strength"

- 30 Button and indicator "Cup filling volume"



For your safety!



The Instructions for Use contain important information regarding safety and proper operation of the appliance.

Read the instructions in full, keep them in a safe place and pass them on to any subsequent owner. All safety instructions are always intended for your own safety.

Safety instructions when connecting the appliance

- This appliance complies with recognised technical regulations and the pertinent safety regulations for electrical appliances.
- If the power cord is damaged, it must be replaced by the manufacturer or his service agent or a similarly qualified person in order to avoid any possible risks.
- Check plug and cable at regular intervals. If damaged, have them repaired or replaced by a skilled expert only! In case of visible or assumed defects, dropping or similar incidents, the appliance must not be operated and must be repaired by an expert!
- Protect the appliance against weather conditions (humidity, frost). Do not use the appliance outdoors.
- The voltage of the power source must be the same as specified on the nameplate!
- Connect the appliance only to an AC power supply and to a socket with earthing contact. Do not pull the cable over sharp edges, clamp it into place or allow it to hang down. Keep the cable away from heat and dampness!
- Only insert the mains plug when the appliance is switched off.
- Never put the appliance onto hot surfaces such as hotplates, stoves or any other hot surfaces. Never let the mains cable come into contact with hot parts.
- If an extension lead is required, use only an earthed cable with a conductor cross-section of at least 1.5 mm²!

Safety information when using the appliance

- The appliance must only be used for the designated purpose.
- Never leave the appliance unsupervised and keep it out of reach of children.
- Persons with nervous disorders should never use the appliance without an accompanying person in order to avoid any danger.
- Use the appliance only if the system is filled with water. Fill water only into the water reservoir. Observe the maximum filling volume of 1.5 litres.
- Use the appliance only when the drip tray and the cup grid are in place.



- **Important! Risk of burns from hot appliance parts.**
The steam nozzle becomes very hot when frothing up milk or preparing hot water. This may cause burns when in contact, therefore avoid any direct contact with the steam nozzle.
- **Important! Risk of scalding when the steam nozzle is in use.**
Hot water or hot steam ejected by the appliance can cause scalding. Only activate the steam nozzle when holding a container underneath.
- Do not heat inflammable liquids with steam.
- Only clean the steam nozzle when not in use or under pressure!

Safety instructions for cleaning and maintenance

- The appliance cannot be opened.
- Always unplug the mains plug in case of operating faults and for cleaning and maintenance. The appliance must be unpressurized.
- Do not use the cable to pull on the plug or pull the plug out of the socket when hands are wet!
- Protect the appliance from moisture! Never put it into the dishwasher! Never immerse it in water.
- Follow the instructions for cleaning and descaling. Store the accessories carefully.

Designated use

The appliance may only be used for making espresso, coffee and hot water. The hot steam may only be used for frothing milk.

No liability is accepted for any damage resulting from its use for any other purpose, faulty operation or non-professional repairs. Guarantee/warranty services are also excluded in such cases.

The appliance is not intended for commercial use.

Coffee / espresso

There are a number of possibilities for making coffee or espresso to meet your personal taste.

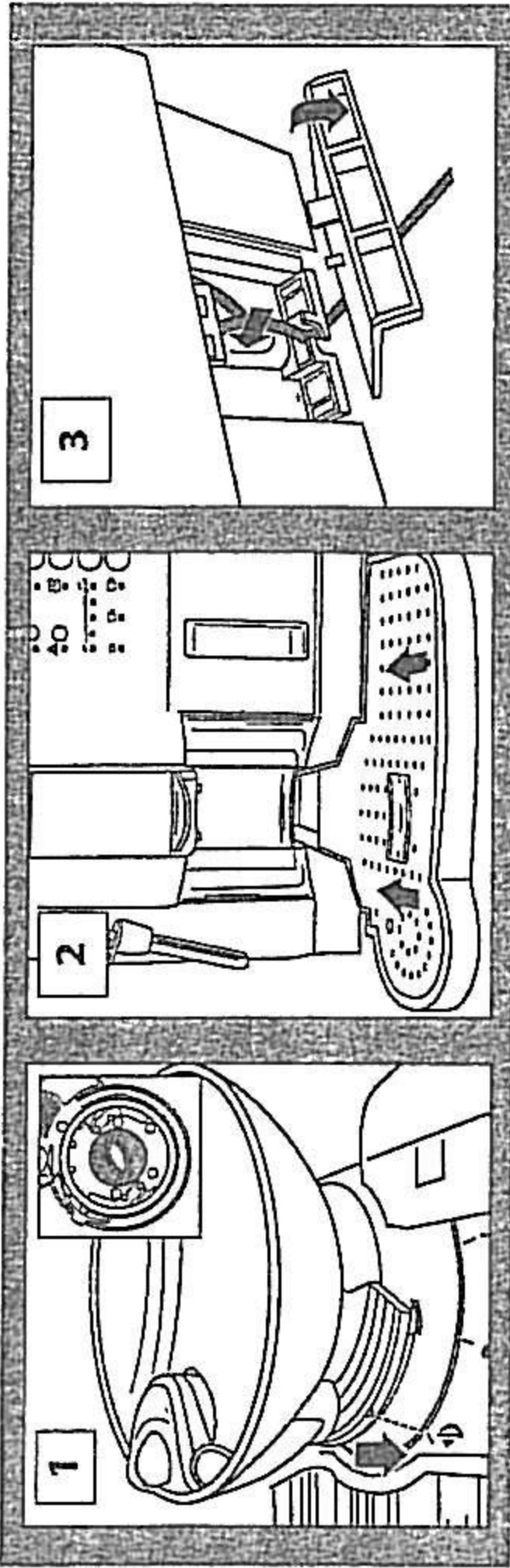
- Test different brands of coffee. The roasting may be very different.
- Vary the grinding degree to find the right degree of fineness for your coffee powder.
- Fill the cups sometimes a bit more or a bit less.

If you desire to have a really different cup of coffee, it is also possible to use coffee powder (e.g. decaffeinated coffee).



Set-up and connecting

Put the appliance onto a stable, horizontal, dry and waterproof surface. Mount the accessories and connect the appliance.



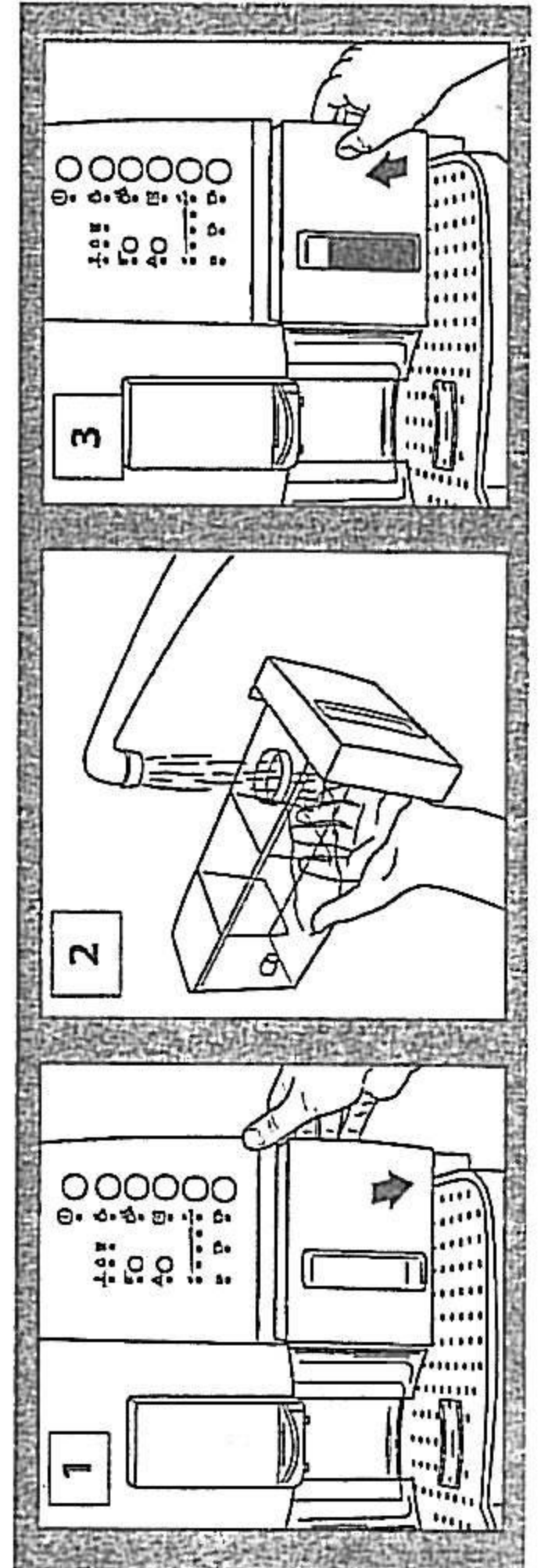
Method:

- 1** Place the coffee bean container so that the marking is in position "Container release" and affix. Doing this, the lower opening of the coffee bean container must be closed, if it is not, put the tip of a pen into the small oval opening and close the opening. Now turn the coffee bean container anti-clockwise to one of the other two positions.
- 2** Insert the drip tray until it clicks into place on the right side below the water reservoir.
- 3** Only connect the appliance to a socket with earthing contact, then open the flap of the cable compartment and stow away the remaining cable.

Filling of water and switching on the appliance

Prior to switching on each time, check whether the water reservoir is filled with water. Every time the appliance is switched on or off, it needs water for the automatic rinsing procedure.

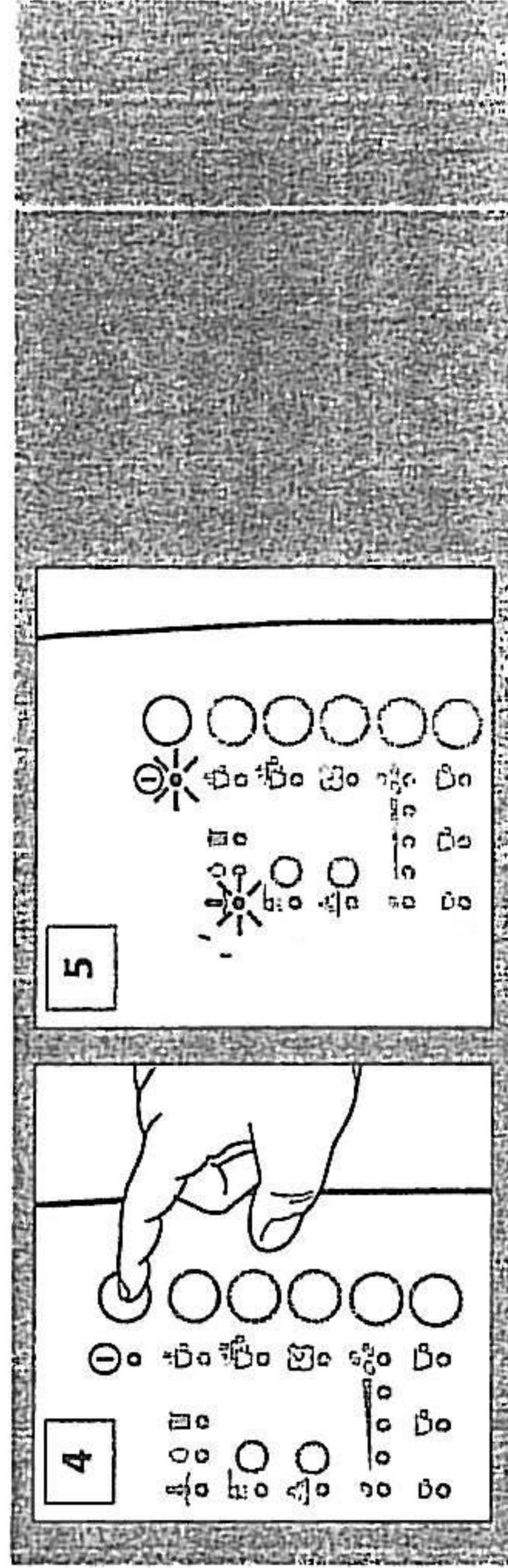
Filling the appliance



Method:

- 1** Remove the water reservoir from the appliance.
- 2** Always fill the water reservoir with fresh cold water.
 - Only fill reservoir with cold water.
 - Never fill with other liquids, such as mineral water or milk.
- 3** To replace the water reservoir. When doing this, press the reservoir firmly into place. Ensure that the valve of the water reservoir opens.
 - If the water reservoir is missing or if water must be refilled while the appliance is in operation, indicator (21) illuminates. Making coffee is not possible or is interrupted.

Switching on the appliance



Method:

- 4** Switch the appliance on by pressing button 25 . The red indicator illuminates. During the heating procedure (approx. 25 seconds) indicator 20 flashes. When the operating temperature is reached, the indicator 20 is lit permanently.
 - Directly after switching on, even during heating up, the appliance adjusts itself. The noise caused by this is absolutely normal. When the operating temperature is reached, the appliance carries out an automatic rinsing procedure. The water flows into the drip tray.
- 5** The appliance is now ready for operation.

Switching off the appliance

When the appliance is switched off after making coffee by pressing button 25 another rinsing procedure is carried out and indicator 22 continues to flash as a reminder for approx. 1 min. When the appliance is switched off during a function by pressing button 25 all functions are immediately switched off.



Determining and adjusting the water hardness

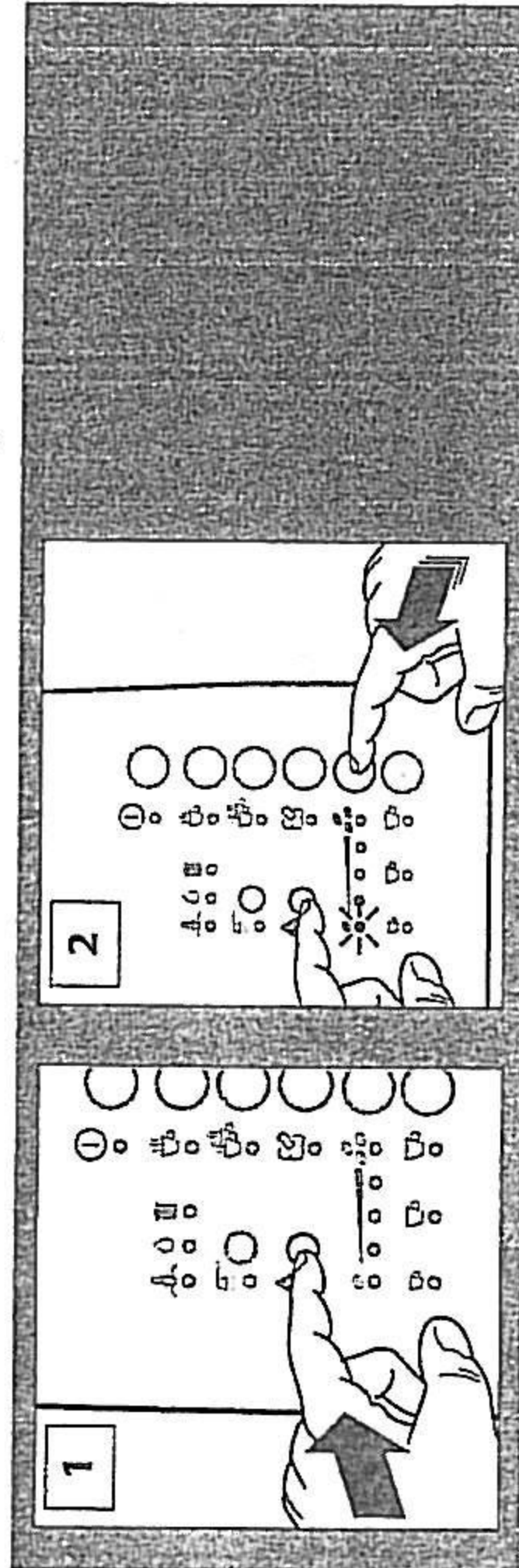
Prior to first installation, the appliance should be adjusted to the relevant degree of hardness for your region. You may determine the hardness degree using the supplied test strips.

- Dip the test strip into cold water for 1 second. Shake off the excess water and determine the degree of water hardness according to the number of pink-coloured squares.

Hardness degree	1 soft	2 medium	3 hard	4 very hard
Water hardness mol/m ³	up to 1,24	up to 2,5	up to 3,7	more than 3,7
German hardness degree	up to 7°	up to 14°	up to 21°	more than 21°
French hardness degree	up to 12,6°	up to 25,2°	up to 37,8°	more than 38°
Test strips				

Adjusting and saving the determined degree of water hardness

You may adjust 4 degrees of hardness (Factory set: hardness degree 3).



Method:

- Press button 24 and keep it depressed.
- Then press button 29 so many times until you adjust the hardness degree determined.

The hardness degrees are indicated as follows:

Hardness 1		Hardness 2		Hardness 3		Hardness 4	
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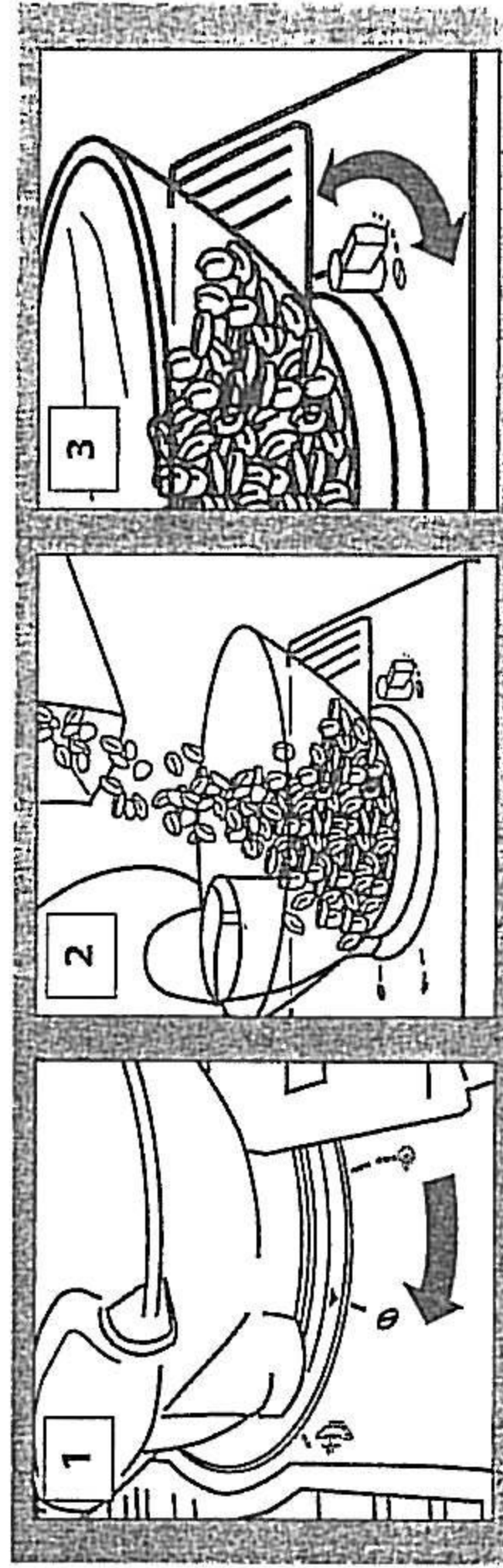


Making coffee with coffee beans

It is possible to adjust the appliance individually to your personal taste by adjusting the grinding degree and the amount to be ground.

- Please ensure to fill the coffee bean container only with pure coffee beans without any addition of caramelized or flavoured parts.

Filling the coffee bean container



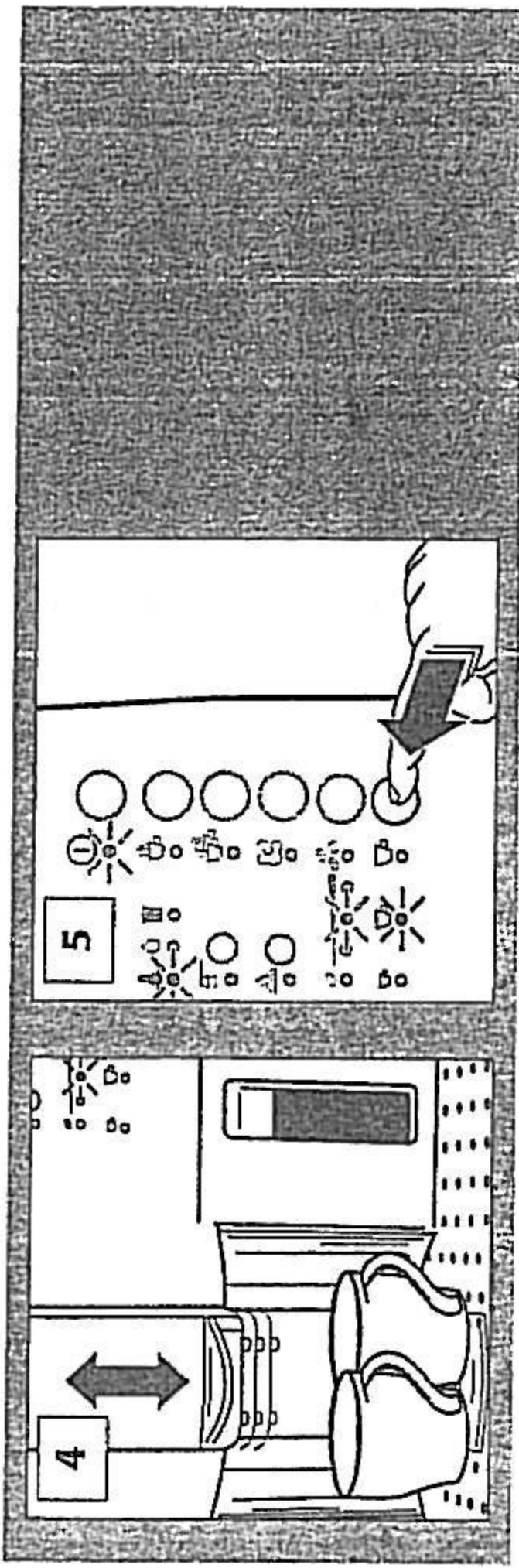
Method:

- Turn the coffee bean container into pos. "Coffee beans" . The mechanism adjusts itself.
- Open the lid of the coffee bean container and fill in fresh coffee beans. Then close the container again.
Important! Make sure that no foreign matters such as stones etc. get into the coffee bean container. Damage to the grinding gear caused by foreign matter is excluded from the guarantee/warranty.
- Set the grinding degree.

- You may set the grinding degree of the grinding gear by means of the grinding degree setting 19. When filling the appliance with beans for the first time you may do the setting once while the grinding gear is at a standstill. When the grinding gear has been filled with beans you may only set the grinding position during the grinding procedure, otherwise the appliance may be damaged. A medium grinding degree is factory-set. For instructions for grinding degree setting please refer to section "Grinding gear / setting of grinding degree".



Putting cup(s) under the appliance and choosing amount of coffee to be ground



Method:

4 Put one or two cups under the coffee outlet. The outlet height can be adjusted to suit the cup by lifting or lowering the outlet to reduce heat loss or coffee splashes.



Push the height adjustment downwards while slightly lifting the inner locking hook. Clean both parts of possible coffee residue using warm water. Now replace both parts while slightly lifting the locking hook. Check whether the height adjustment is running smoothly again.

5

Press button 30 as many times as needed to reach the required cup symbol.



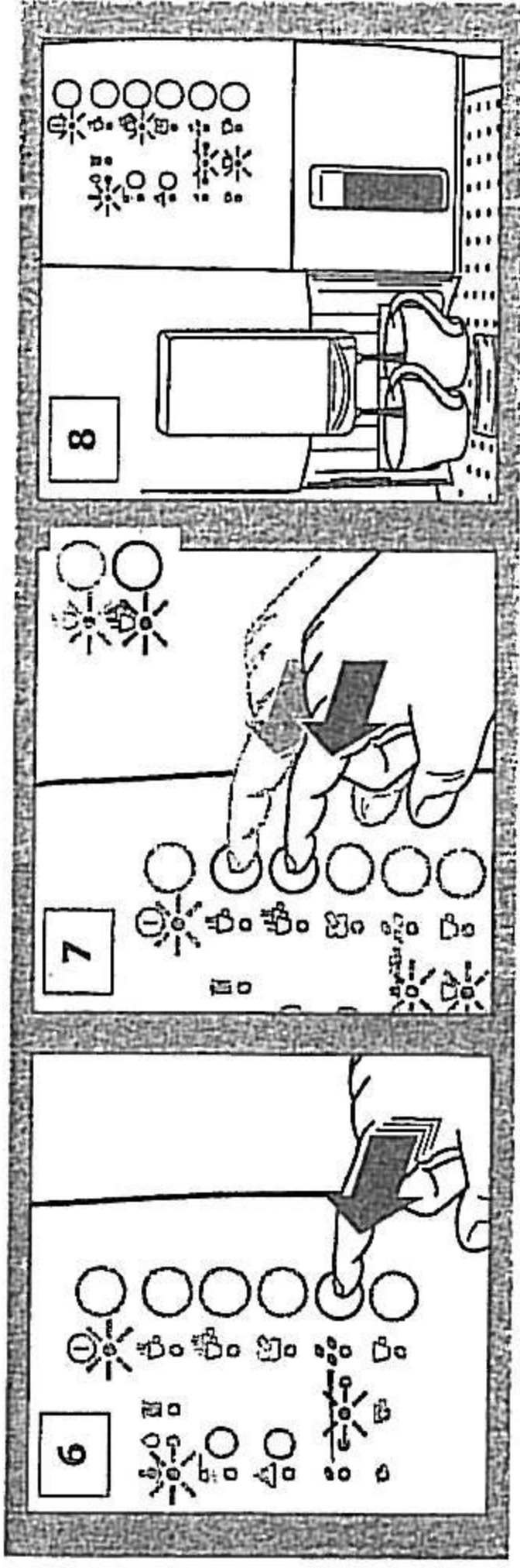
The cup filling volumes are indicated as follows:

- Espresso cup
- Coffee cup
- Coffee mug

The appliance is factory-set to standard volumes. If you want to change the respective cup filling volumes, please refer to the instructions in section "Changing and saving cup filling volumes and grinding quantities".



Setting the cup filling volume and pouring coffee



Method:

6 Press button 29 as many times as needed to choose the required amount of coffee to be ground.



The amounts of coffee to be ground are indicated as follows:

- Amount of coffee "very light"
- Amount of coffee "light"
- Amount of coffee "normal"
- Amount of coffee "strong"
- Amount of coffee "extra strong"



It is possible to save the amount of coffee to be ground with reference to the cup filling volume in order not to have to choose the amount of coffee to be ground every time when the appliance is switched on. For instructions please refer to section "Changing and saving cup filling volumes and grinding quantities".

7

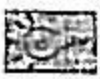
Press button 26 if you want to pour one cup of coffee, or button 27 to release 2 cups. When choosing 2 cups of coffee, the pre-set values for "Amount of coffee to be ground" and "Cup filling volume" are increased accordingly.



Before the actual coffee brewing process, the coffee powder is dampened by a small amount of water. After a short interruption the actual brewing process starts.

8

The coffee is made.




You may stop the outlet of coffee at any time by briefly pressing button 26 or 27, respectively, which you pressed before.



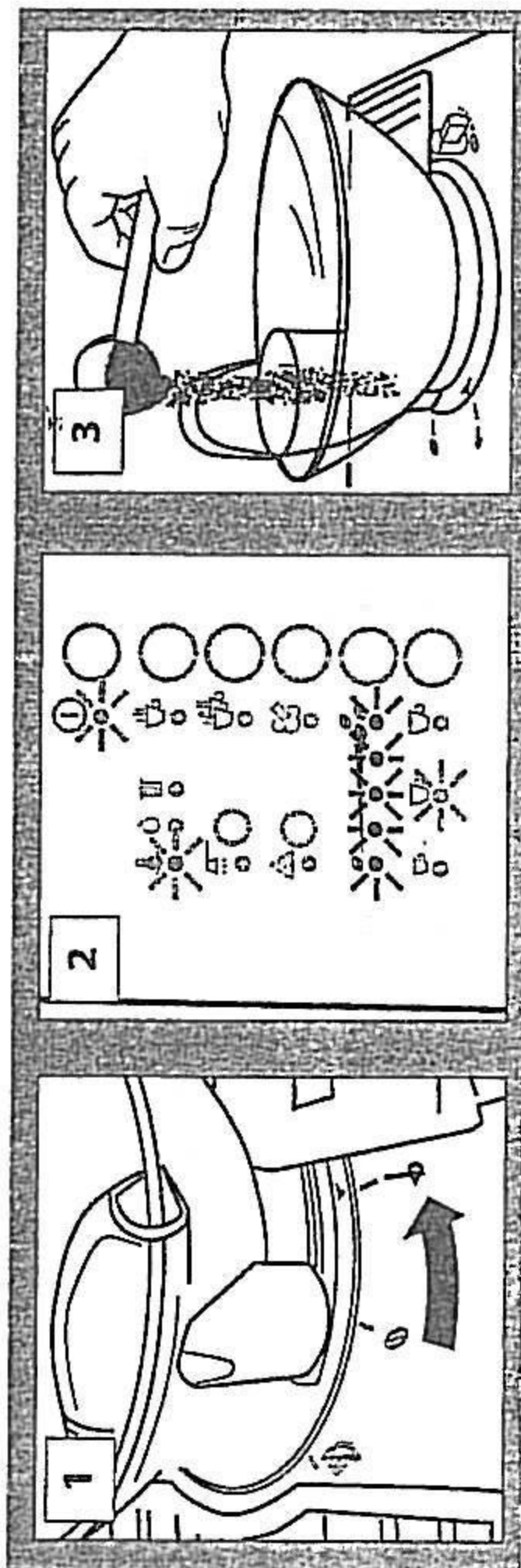
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Making coffee with coffee powder



Please pay attention to use only the supplied measuring spoon and never fill more than 2 level measuring spoons of coffee powder into the receptacle.

 Do not fill in water-soluble nor freeze-dried instant products nor any other drinks' powders into the receptacle.

Filling the coffee powder receptacle




Method:

1/2 Turn the coffee bean container into pos. . The mechanism adjusts itself, all lamps of the coffee grinding amount indicator 29  are illuminated.

 When making coffee with powder, the function "Amount of coffee to be ground" is not operational and this is indicated by all lamps being illuminated.

3 Open the lid of the coffee powder receptacle and fill with fresh coffee powder.

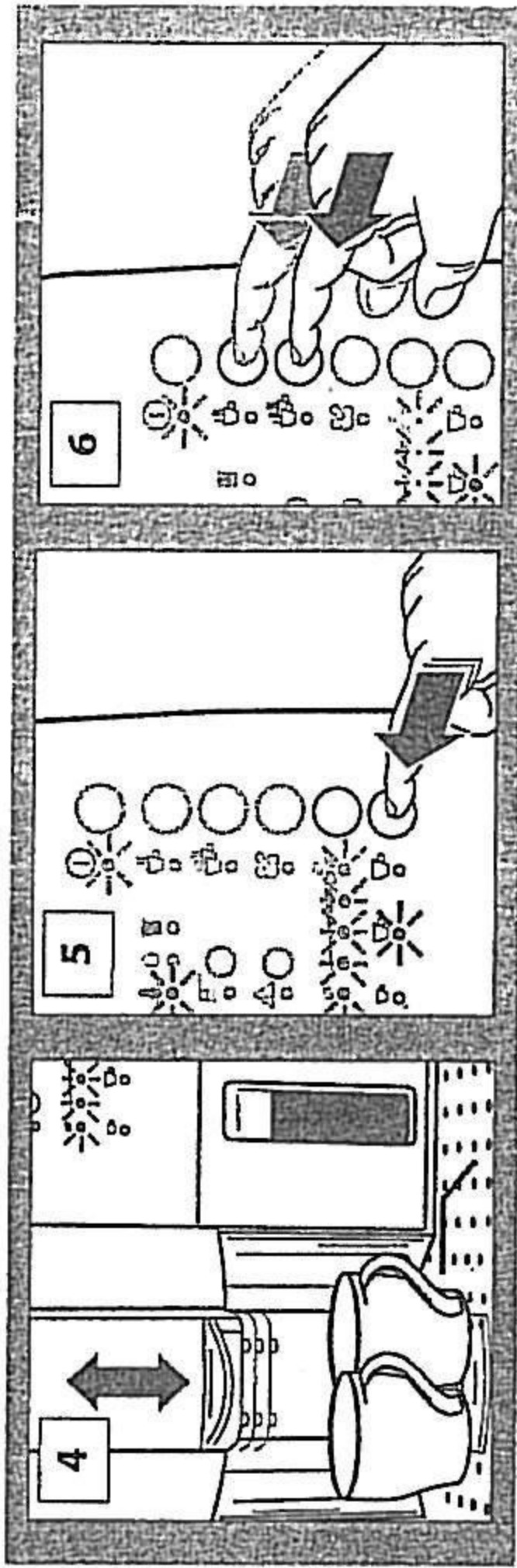
 Important! Make sure that no powder is stuck in the receptacle and that no foreign parts get into the receptacle. Never fill with more than 2 level measuring spoons of coffee powder. The filling receptacle is not a reservoir. The powder must pass through directly to the brewing unit.

• Close the lid.



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Putting cup(s) under the appliance, setting the cup filling volume and pouring coffee




Method:



4 Put one or two cups under the coffee outlet. The outlet height can be adjusted to suit your cup by lifting or lowering the outlet to reduce heat loss or coffee splashes.


5 Press button 30   as many times as needed to attain the required cup symbol.

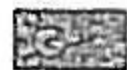
The cup filling volumes are indicated as follows:



 The appliance is factory-set to standard volumes. If you want to adjust the respective cup filling volumes, please refer to the instructions in section "Changing and saving cup filling volumes and grinding quantities".

6 Press button 26  if you want to pour one cup of coffee or button 27  to pour 2 cups. When choosing 2 cups of coffee, the pre-set value for "Cup filling volume" is increased accordingly.

 Before the actual coffee brewing process, the coffee powder is dampened by a small amount of water. After a short interruption the actual brewing process starts.

 You may stop the outlet of coffee at any time by briefly pressing button 26 or 27, respectively, as you pressed before.

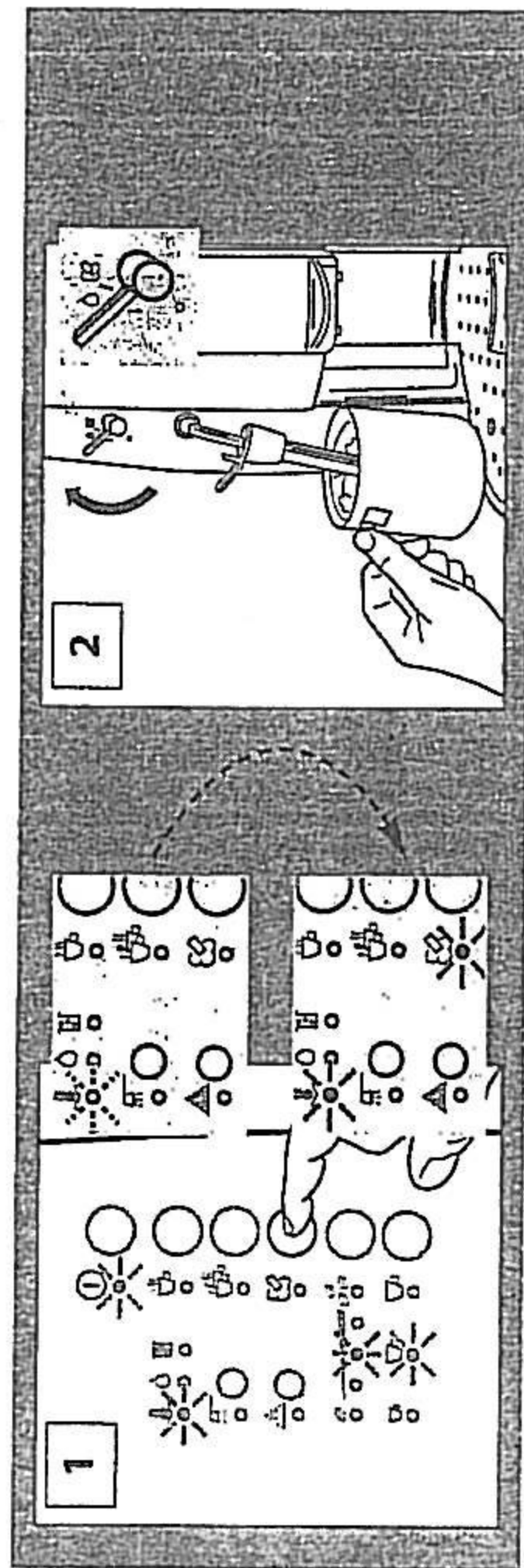


Milk frothing with steam function

The steam can be used for frothing milk and for heating liquids. As the temperature for generating steam must be higher than for making coffee, the appliance is equipped with an additional steam mode.



Important! Risk of scalding when the steam nozzle is in use. Hot water or hot steam can cause scalding. Only use the steam nozzle when it is immersed in the milk.



Method:

1 For preparing steam press button 28 ☞. The indicator illuminates, in addition the indicator 20 ☞. "Appliance is heating" flashes. When the heating procedure is finished, this indicator is lit permanently, the appliance is now prepared for frothing milk.

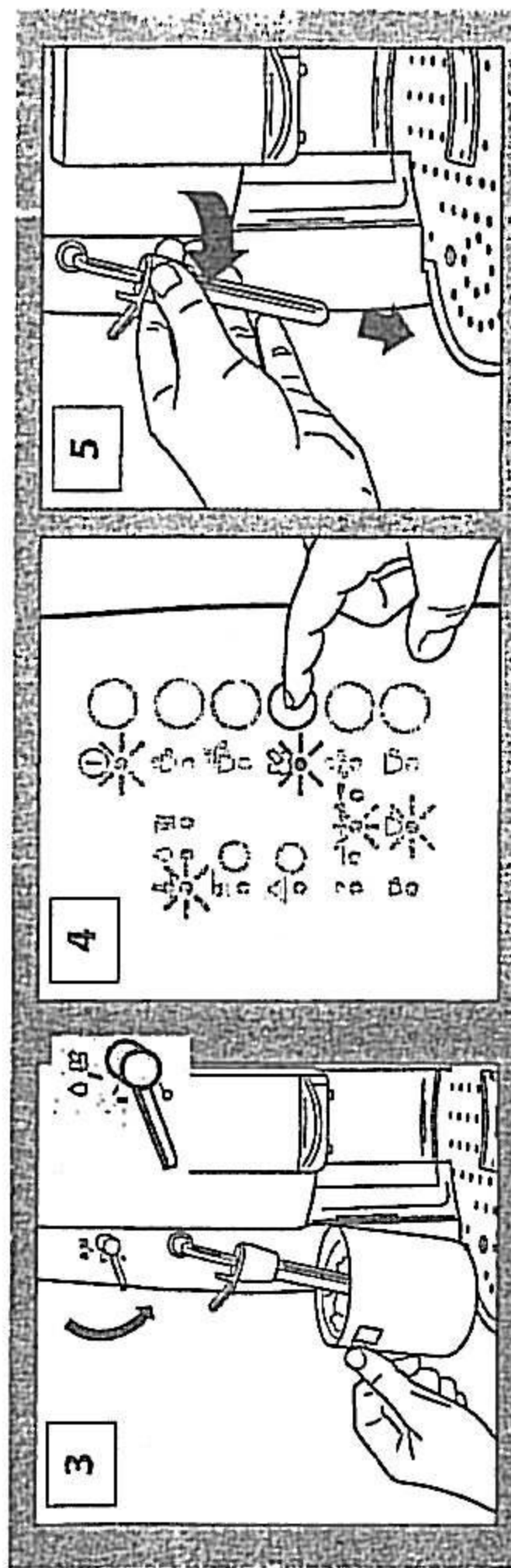
If the steam function is not used for over 1 minute, the appliance automatically switches back to making coffee mode.

• Pour about 100 ml of low-fat milk into a small, narrow jug (max. volume 0.5 l) which has to fit under the steam nozzle of the appliance.

The milk should be well cooled. You should also use a cool jug and not rinse it with warm water before using.

2 Swing the steam nozzle out and hold the jug under the steam nozzle so that the nozzle opening is completely immersed in the milk. Turn the rotary switch 2 "Hot water/steam" to pos. ☞☞. The milk frothing begins.

Keep the jug steady while the milk frothing is in progress. The nozzle must not touch the jug bottom to ensure that the steam release is not obstructed. Froth the milk until the volume has at least doubled.



3 To finish the frothing process, turn the rotary switch 2 to pos. ☞ and then remove the jug.



Important! Risk of scalding by splashing hot milk! Switch the steam off before you remove the jug with the frothed milk.

4

Terminate the steam mode by pressing button 29 ☞, the indicator extinguishes. The appliance is now ready again for making coffee.



Always allow hot water briefly to emerge from the nozzle after frothing the milk by turning the rotary switch to pos. ☞☞. This is required to prevent milk remains from drying inside the nozzle and thus blocking the nozzle. Use an appropriate mug for this.

5

After the frothing process remove the nozzle from the appliance and rinse it under running water to remove the milk remains. Clean the steam nozzle with a damp cloth.



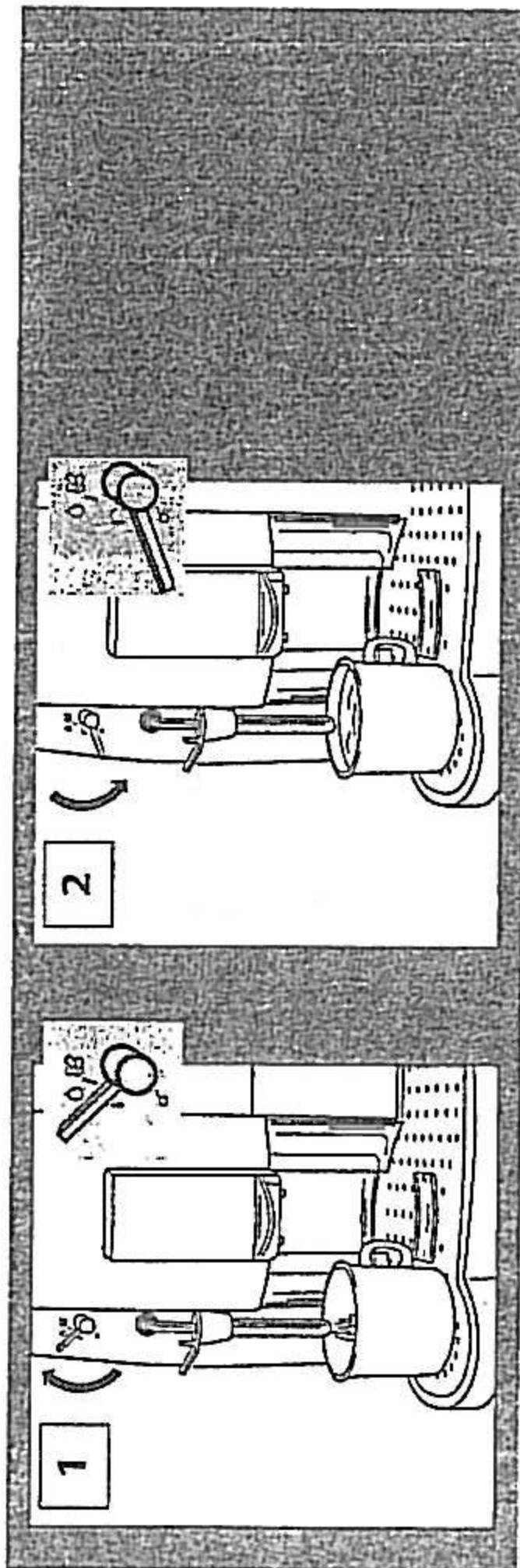
Important! Risk of burns from the frothing nozzle. Hold the nozzle by the black seal only.



Making hot water

The hot water can be used for making hot drinks, e.g. tea or instant soups.

Important! Risk of scalding when the hot water nozzle is in use. Hot water can cause scalding. Only use the hot water nozzle when holding a container underneath.



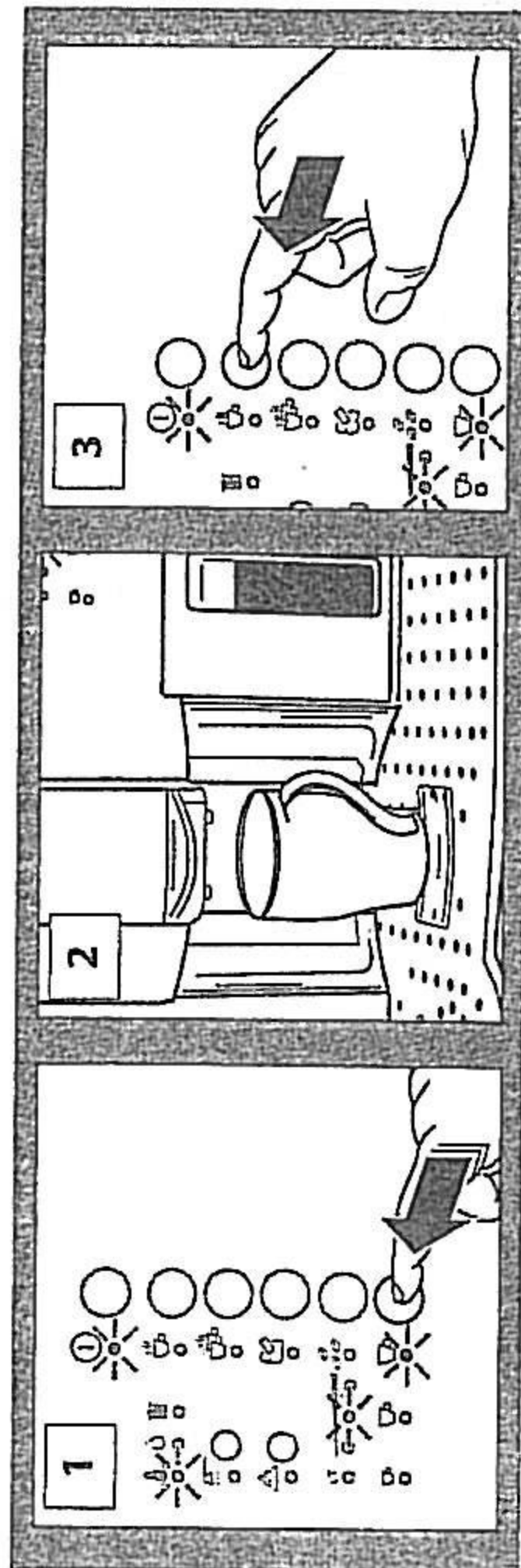
Method:

- 1 Put a receptacle under the hot water nozzle. Turn the rotary switch 2 "Hot water/steam" to pos. 0/13. Hot water is prepared.
- 2 After taking the hot water, turn the rotary switch 2 "Hot water/steam" back to pos. 0 and remove the receptacle.

Changing and saving cup filling volumes and grinding quantities

The appliance is factory-set to standard volumes. These volumes can be individually adjusted to your taste and stored.

Changing and saving the cup filling volume



Method:

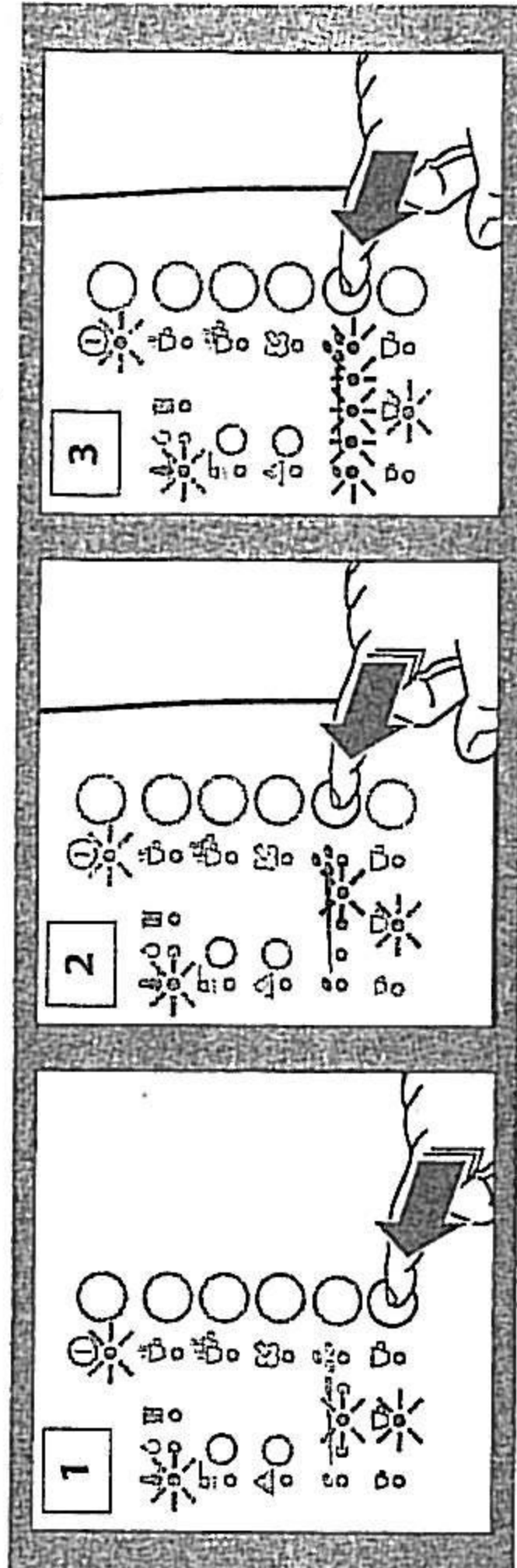
- 1 Press button 30 until the respective cup symbol illuminates corresponding to the desired cup filling volume.
- 2 Place the corresponding cup under the coffee outlet (e.g. coffee mug).
- 3 Then press button 26 and keep it depressed until the desired cup filling amount is reached. Let the button go. Your desired cup filling volume has been saved.

Repeat this procedure if you want to adjust the filling volumes of the other cup symbols too.

The values saved remain valid even if the appliance is switched off. If the size of your cup or your taste changes, you may individually adapt the cup filling volume at any time.

Changing and saving the amount of coffee to be ground (only possible when using coffee beans)

You may save a different amount of coffee to be ground individually for each cup symbol.



Method:


- 1 Press button 30 as many times as needed to reach the required cup symbol.
- 2 Then press button 29 as many times as needed until the indicator of the chosen amount of coffee to be ground illuminates and keep the button depressed.
- 3 After a few seconds of holding the button depressed, all indicators are lit permanently, except the one chosen. Now let the button go.

Repeat this procedure if you want to save the amounts of coffee to be ground for the remaining cup symbols too.

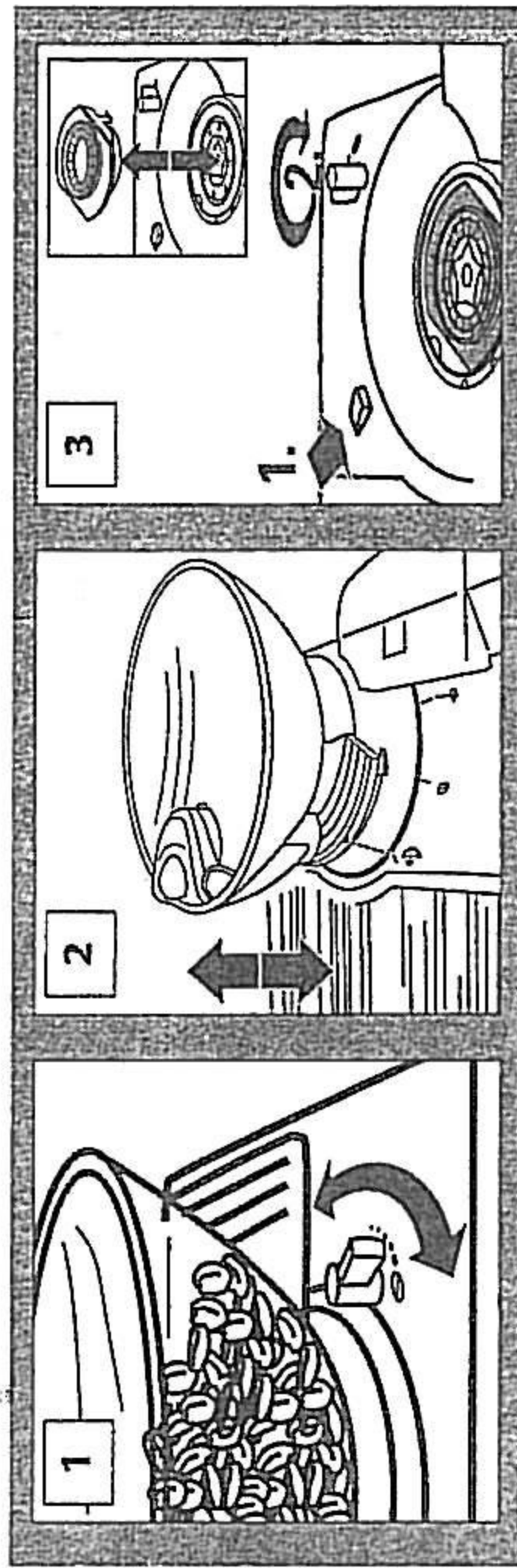
The values saved remain even if the appliance is switched off.



Grinding quantity selection and maintenance


 Important! Adjust the grinding gear only during grinding! Adjustments of the grinding gear while not in use may cause damage to the appliance.




Setting the grinding degree



Method:

- 1 Press button 26  for making a cup of coffee. While the grinding process is running, adjust the grinding degree using lever 19

 The positions of the lever are indicated as follows:

-  fine grinding for "intensive taste"
-  medium grinding for "normal taste"
-  coarse grinding for "light coffee"



Removing foreign parts from the grinding gear

Foreign parts in the grinding gear, e.g. small stones, may cause damage to the grinding gear. The appliance is equipped with a so-called stone safety device which, in case of a foreign part, causes a loud rattling. If you should hear this noise during grinding, switch the appliance off immediately and remove the foreign part as follows:



Cleaning the grinding gear

Method:

- Switch the appliance off by pressing button 25  and unplug the mains plug.
- 2 Turn the coffee bean container to the position marked "Container release"  and take it off. Remove the remaining coffee beans (possibly vacuum cleaner with hose or nozzle).



If the foreign part cannot be removed, proceed with point 3

3

Push the release button 18 to the front in the direction of the grinding gear centre. Hold this position and turn the lever for the grinding degree adjustment 19 clockwise by approx. 1 revolution up to the stop.





Please note that you can turn the lever for grinding degree adjustment 19 further, only when the release button 18 is pressed.

Now detach the grinding ring and remove the foreign part(s).



Important! Risk of injury by turning grinding gear. Never switch the appliance on while working with the grinding gear. This may cause severe injuries. Always unplug the mains plug.

- Replace the coffee bean container in position "Container release"  and turn it to pos. "Coffee beans" . Now test the function of the grinding gear with a small quantity of beans and make a cup of coffee.

Resetting the appliance (Reset)

With this function, all previously changed values are reset to factory settings.



The following settings are affected:

- Cup filling volumes
- Grinding quantities
- Coffee temperatures

Method:

- Press buttons 23  and 24  simultaneously. Hold the buttons depressed for approx. 3 seconds. The appliance is now reset.




Other settings

With this appliance, it is possible to change other factory settings to adapt them most precisely to your personal requirements.

 With your individual adjustment you can change the factory settings of the appliance. Carry out a reset to return to the factory settings if required.

Setting the coffee temperature (Factory set: normal)

You may choose between 5 temperature levels. In mode "Setting the coffee temperature", the indicator for adjusting the amount of coffee to be ground is lit, in this case showing the coffee temperature.

 The coffee temperature levels are indicated as follows:

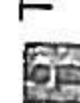


Method:

- Press buttons 26 and 28 simultaneously. Keep these buttons depressed and in addition press the ON/OFF button 25 . Keep all 3 buttons depressed for approx. 3 seconds until the indicator 20 as well as one of the coffee temperature indicators illuminates. Choose the temperature level using button 29 (increase temp.) or button 30 (reduce temp.).
- Save with button 23 and leave the mode "Setting the coffee temperature".

Setting the switch-off time (Factory set: 3 hours)

You may choose between 5 switch-off times of the appliance. In mode "Setting the switch-off time", the indicator for adjusting the amount of coffee to be ground is lit, in this case showing the switch-off time.

 The switch-off times are indicated as follows:



Method:

- Press buttons 27 and 25 simultaneously. Keep both buttons depressed for approx. 3 seconds until the indicator 25 as well as one of the coffee temperature indicators illuminates. Choose the switch-off time using button 29 (extend time) or button 30 (reduce time).
- Save with button 23 and leave the mode "Setting the switch-off times".



Cleaning and maintenance

Always keep the appliance clean. A clean appliance guarantees a constant coffee quality and a trouble-free functioning.

Regular cleaning



Important! Switch the appliance off before cleaning.

Let the appliance cool down. Do not use scratching, scouring or corrosive agents. Clean the housing inside and outside with a damp cloth only.



Important! Never put the appliance or parts of the appliance into the dishwasher.



Important! Never pour water into the coffee bean container; you will damage the grinding gear.

- Clean drip tray 10, cup grid 7, coffee residue container 6 and water reservoir 8 with warm water and a detergent.
- Rinse the water reservoir with fresh water.
- Remove the coffee bean container from time to time and dispose of the coffee residue.
- Empty the drip tray regularly. In particular if you see the red filling level indicator appear through the opening in the metal grid.
- Remove the frothing nozzle after each frothing process and clean it thoroughly from milk remains. The air inlet opening below the seal must not be blocked. Open it with a thin needle if required.

Empty coffee residue container

After 16 times of making coffee, indicator 22 regularly shows that the container must be emptied and cleaned.



In principle, if the appliance is used daily, the container should also be cleaned daily. You will always be reminded of this by the indicator flashing approx. 1 min. after switching the appliance off.

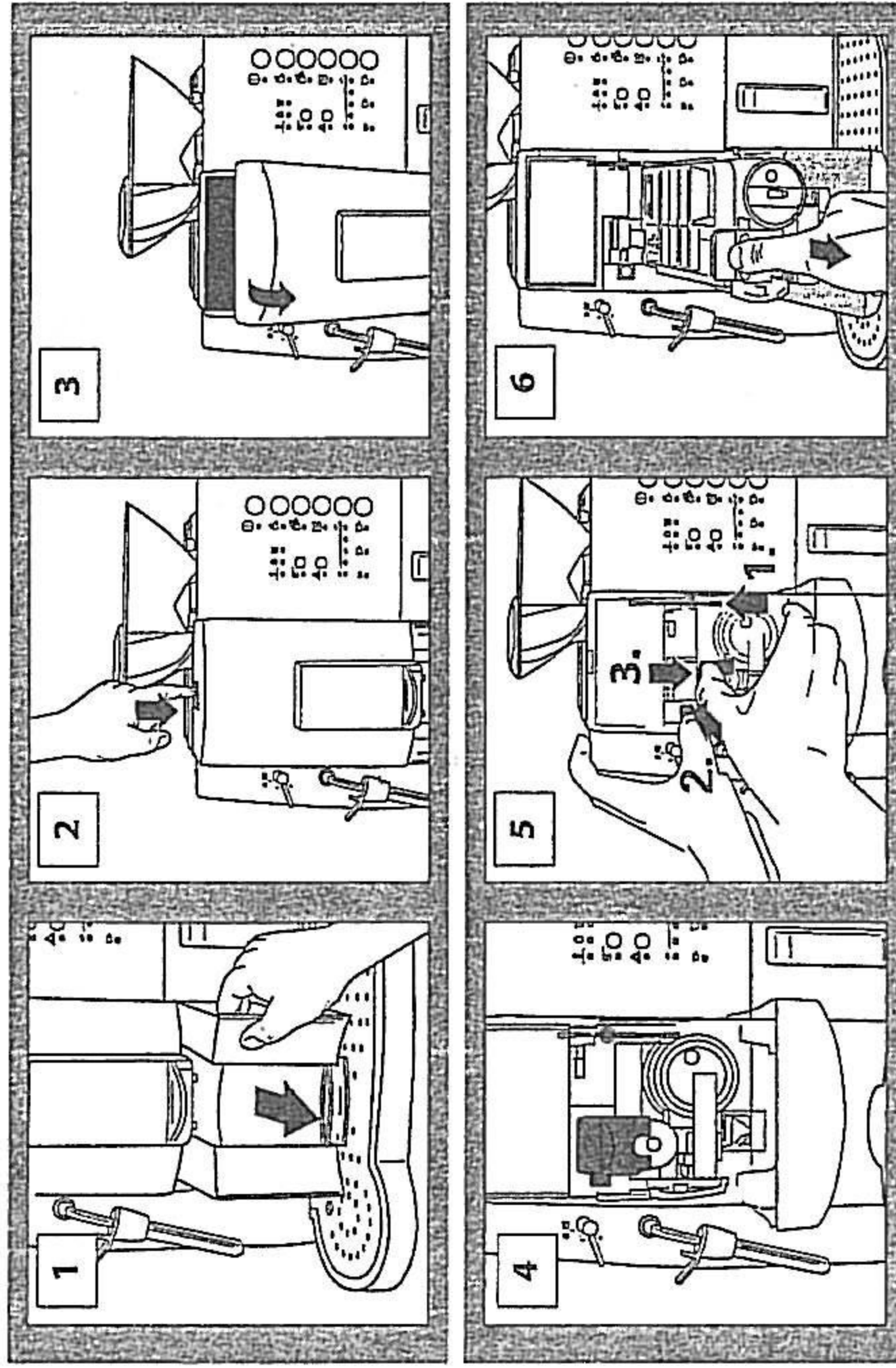
Always empty the coffee residue container while the appliance is switched on. Only then can the appliance recognise that it is empty.



Cleaning the brewing unit

We recommend that you clean the brewing unit regularly (this will depend on the water conditions in your area and the frequency of use). However this should be done at least once a month to maintain the unit working properly. If your appliance is left unused for a period of time (e.g. holidays), it is necessary to empty the coffee residue container and the water reservoirs and to thoroughly clean all parts of the coffee maker including the brewing unit.

Removing the brewing unit

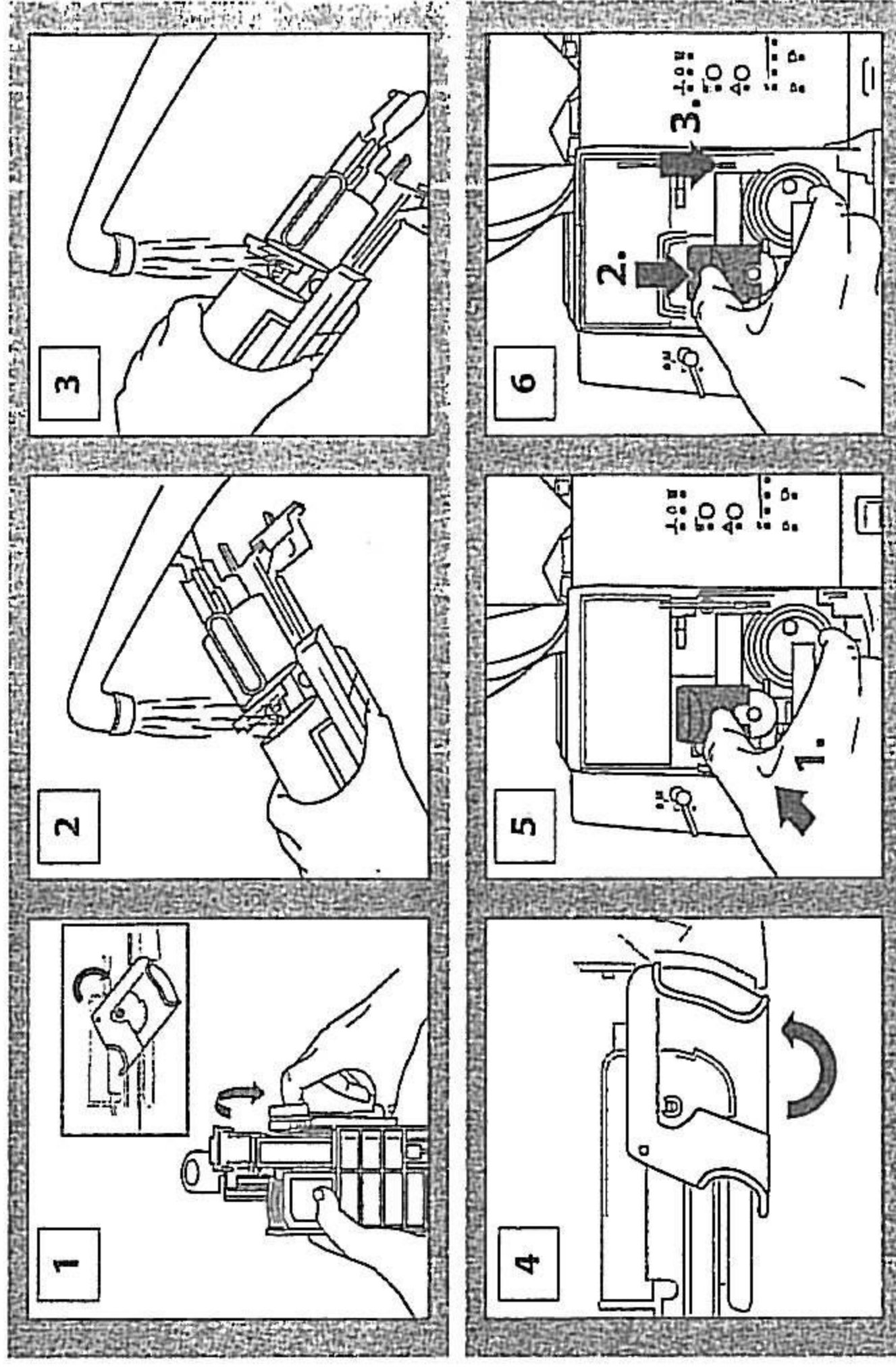


Method:

- Switch the appliance off by pressing button 25 and unplug the mains plug.
- 1** Remove the coffee residue container from the appliance.
- 2** Press the release button of the service door.
- 3** The service door opens to the front.
- 4** The brewing unit is situated behind the service door. The 3 red-coloured elements serve for locking/unlocking.
- 5/6** To remove the brewing unit activate the locking elements in the following sequence:
 - 1.** Push the locking lever upwards
 - 2.** Press the safety button and keep it depressed
 - 3.** Press the locking button down, keep it depressed and pull the brewing unit out.



Cleaning the brewing unit / inserting the brewing unit





Method:


- 1** Open the brewing unit by turning the white service lever downwards as far as it will go. Both sieves are easily accessible now and the ejection lever folds down.
- 2/3** Clean the brewing unit under warm running water, particularly the stainless steel sieves must be well rinsed and cleaned of coffee remains.
- 4** Dry the brewing unit and turn the service lever upwards again as far as it will go. The ejection lever folds back again and the brewing unit closes.
- 5/6** Re-insert the brewing unit as follows:
 - 1.** Place the brewing unit onto the guide bar and push the brewing unit into the appliance as far as it will go.
 - 2.** Press the locking button down and push the brewing unit further backwards for approx. 1 cm until the locking button clicks into place.
 - 3.** Press the locking lever down as far as it will go.
- Close the service door and reinsert the coffee residue container.
- The appliance can only be switched on if the service door is closed. After switching on the brewing unit re-adjusts itself, the normal heating process starts again.

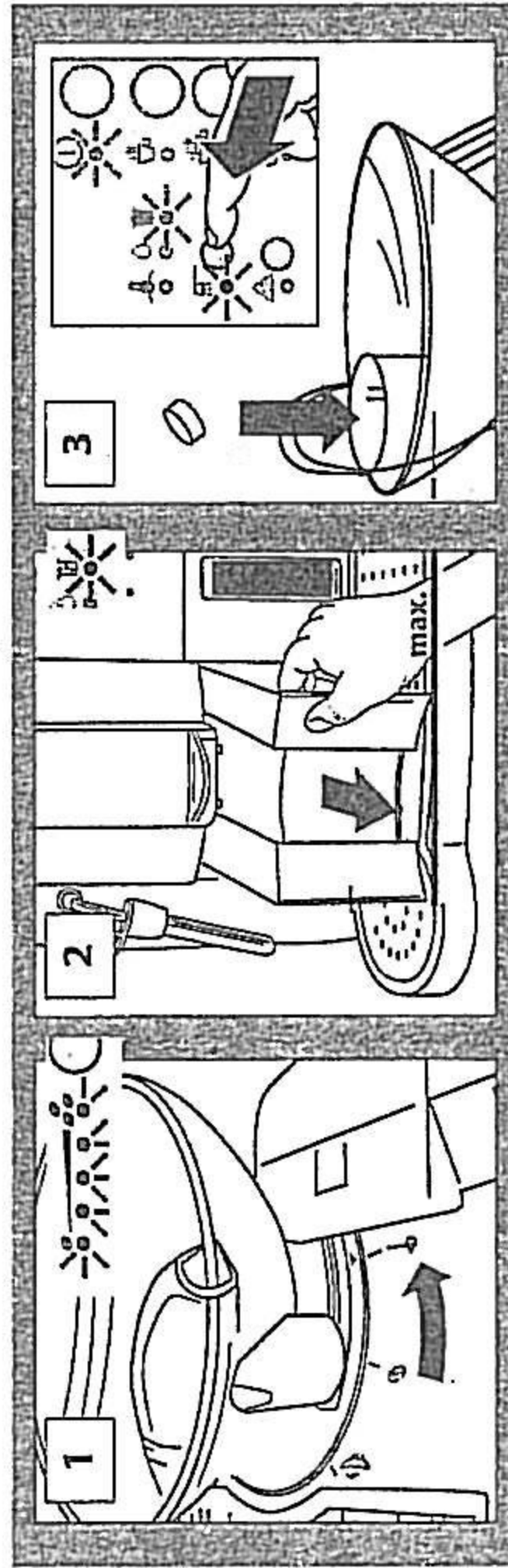


Starting the cleaning programme







The cleaning programme allows complete removal of coffee fat even at areas which are not normally accessible. This should be done at least once a month or more often, depending on the frequency of use. Start the cleaning programme whenever the indicator (23)  "Start cleaning programme" flashes. The cleaning process takes about 8 minutes and should not be interrupted.



 Prior to starting the cleaning programme, clean the brewing unit and empty the coffee residue container. Refill the water reservoir with approx. 1 litre of fresh water.


 Use Russell Hobbs cleaning tablets only. When using other cleaning products, ensure you read the instruction carefully. Russell Hobbs will not be liable for any damage caused by using inferior cleaning agents. The Russell Hobbs cleaning tablets are available through all Amalgamated Appliances service centres and selected retail outlets.




Method:

- 1** Turn the coffee bean container into pos. . Wait until the mechanism has adjusted itself and all lamps of the coffee grinding quantity indicator illuminates.
 - 2** Pull the empty coffee residue container out below the coffee outlet. It will serve as collecting container for the cleaning water. Indicator 22  is illuminated as long as the container is pulled out.
 - 3** Put a cleaning tablet into the coffee powder receptacle and press button 23  "Start cleaning programme" for 3 seconds. Indicator 23  changes from flashing to permanent light. The programme starts, the process should not be interrupted.
-  Indicator 22  is illuminated while the cleaning process is running. The programme carries out 6 cycles with fresh water flushing. Pause times are for the cleaning tablet to take effect. In case of power failure the programme has to be started again!


• The cleaning process is finished after approx. 8 minutes when indicator 23  is illuminated and indicator 22  flashes.


• Empty the coffee residue container and re-insert it so that indicator 22  extinguishes. Turn the coffee bean container into the desired position and fill the water reservoir. The appliance is now ready for operation again.


 We recommend to pour away the first cup of coffee made after running the cleaning programme.

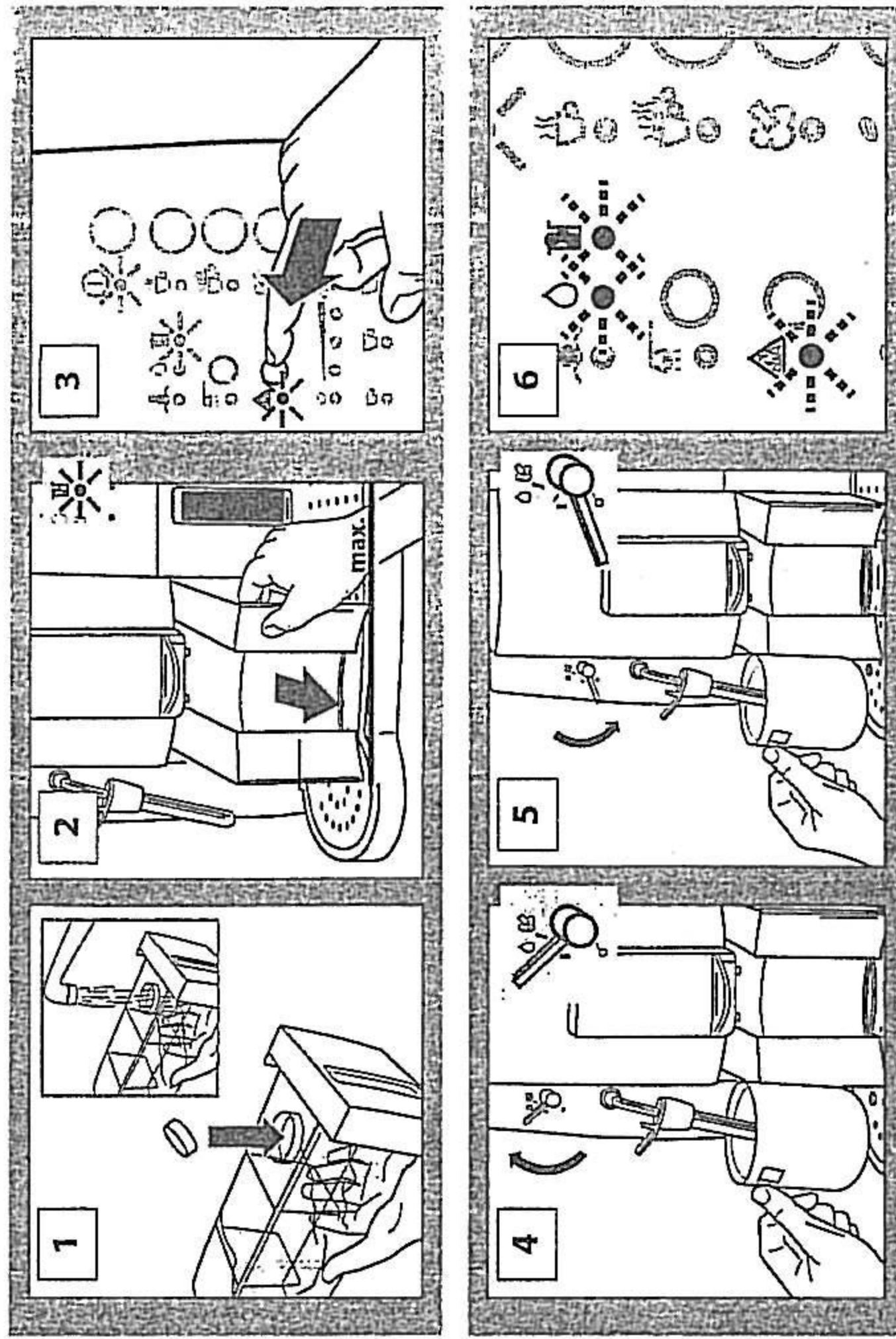


Starting the descaling programme

The descaling programme allows a simple and effective descaling of the appliance. The appliance should be descaled at regular intervals of 4 – 6 months, latest, however, when the indicator 24  "Start descaling programme" flashes. The descaling process is carried out in 2 phases, takes 45 minutes and should not be interrupted.

 Prior to starting the descaling programme, clean the brewing unit and empty the coffee residue container.







 Important! Use Russell Hobbs descaling tablets only. When using other descaling agents, Russell Hobbs will not be liable for any damage. Never use vinegar, citric acid or sulfamic acid nor descaling agents containing sulfamic acid as these agents may damage the appliance. Russell Hobbs descaling tablets are available from specialized dealers or from Russell Hobbs.






Method phase 1: Descaling

- 1** Fill the water reservoir with 400 ml of warm water until the level is just below the grooves of the reservoir lid and put a descaling tablet into the reservoir. Re-insert the reservoir when the tablet has dissolved, this takes about 5 – 7 minutes.






- 2** Pull the empty coffee residue container out below the coffee outlet so that the descaling solution is collected in the coffee residue container. Indicator 22  is illuminated as long as the container is pulled out.
- 3** Press button 24  "Start descaling programme" for 3 seconds. Indicator 24  changes from flashing to permanent light. The programme is ready, the process should not be interrupted.
 Before the automatic process starts you must descale the hot water / steam nozzle.
- 4** Put a receptacle under the hot water nozzle. The receptacle should hold at least 200 ml. Turn the rotary switch 2 "Hot water/steam" to pos. 0/1. Always let the rotary switch open until the pump switches off and no descaling solution emerges from the nozzle.
- 5** Turn the rotary switch 2 "Hot water/steam" back to pos. 0 and the automatic descaling process of the brewing unit starts.
 Indicator 24  remains illuminated during the descaling process. The programme is carried out in 2 phases; phase 1 descaling phase with 12 cycles as well as phase 2: rinsing phase. Between the two phases, the coffee residue container must be emptied and the water reservoir must be refilled with water. In case of power failure the programme has to be restarted!

Preparing the appliance for phase 2









- 6** Phase 1 of the descaling process is finished after approx. 36 minutes and is shown by the indicators 21  and 22  flashing. Indicator 24  flashes.
Rinse the water reservoir and fill it with max. 1 litre of fresh water. Empty the coffee residue container and push it into the appliance only so far so that water from the coffee outlet can flow into the coffee residue container (see fig. 2).

Method phase 2: Rinsing

- Repeat steps 4 and 5 (see also fig. 4 and 5). After that, the automatic fresh water rinsing process of the brewing unit starts; it takes about 5 minutes.
- The rinsing process and thus the complete descaling programme are finished when indicator 24  illuminates and indicator 22  flashes.
- Empty the coffee residue container. Thoroughly rinse the water reservoir and fill it with fresh water. The appliance is now ready for operation again.
 We recommend to pour away the first cup of coffee made after running the descaling programme.



Signals, possible reasons and remedies

Malfunction	Indicator	Reason	Remedy
Making coffee is interrupted	Indicator 21 flashes 	<ul style="list-style-type: none"> • Water reservoir is empty • Coffee is too finely ground 	<ul style="list-style-type: none"> • Refill water reservoir and press button  or  again • Clean brewing unit • Adjust grinding degree
Appliance cannot be used any longer	Indicator 22 flashes 	<ul style="list-style-type: none"> • Coffee residue container is full 	<ul style="list-style-type: none"> • Empty container and clean it well
Appliance cannot be used any longer	Indicator 29 flashes  and 26 or 27 	<ul style="list-style-type: none"> • Brewing unit is blocked 	<ul style="list-style-type: none"> • See instruction "Cleaning the brewing unit" Remove the coffee remains from the brewing unit completely • Adjust to a lower grinding level
Appliance cannot be used any longer	Indicator 29 flashes  and 26 or 27 	<ul style="list-style-type: none"> • Brewing unit is too full 	<ul style="list-style-type: none"> • See instruction "Cleaning the brewing unit" Remove the coffee remains from the brewing unit completely • Fill with less coffee powder



Problems, possible reasons and remedies

Problem	Reason	Remedy
Espresso/coffee is not hot enough	<ul style="list-style-type: none"> Cups are too cold 	<ul style="list-style-type: none"> Warm the cups with hot water Increase the coffee temperature according to the instructions
Espresso/coffee not strong enough	<ul style="list-style-type: none"> Not enough coffee powder used The coffee bean container is empty The grinding quantity is set too low 	<ul style="list-style-type: none"> Use the right amount of coffee powder Refill coffee beans Adjust to a higher grinding level
Not enough froth when frothing milk	<ul style="list-style-type: none"> The milk is too warm or too cold or the fat content is too high The steam nozzle is clogged The air inlet opening of the frothing nozzle is blocked 	<ul style="list-style-type: none"> Use suitable milk Clean the steam nozzle Clean the steam nozzle opening
The coffee bean container cannot be attached	<ul style="list-style-type: none"> There are coffee bean remains on/beside the grinding gear Coffee bean remains are stuck in the closure of the coffee bean container 	<ul style="list-style-type: none"> Remove the coffee bean remains at the grinding gear Free the closure of the coffee bean container of coffee bean remains
Very loud noise when grinding	<ul style="list-style-type: none"> The grinding gear is blocked with foreign matter 	<ul style="list-style-type: none"> Remove the foreign matter according to the instructions for use Have the appliance checked by the Russell Hobbs or AMAP customer service The appliance can still be used with coffee powder
The brewing unit cannot be removed	<ul style="list-style-type: none"> The brewing unit is not in its normal position 	<ul style="list-style-type: none"> Leave the appliance switched on and set the coffee bean container to "powder". Switch the appliance off and remove the brewing unit See Instruction: "Cleaning the brewing unit"
The brewing unit cannot be inserted	<ul style="list-style-type: none"> Brewing unit not closed The locking lever of the appliance has not been pushed up 	<ul style="list-style-type: none"> Close the brewing unit with the service lever Push the metal lever up Insert the brewing unit

Changing the fitted / Moulded plug

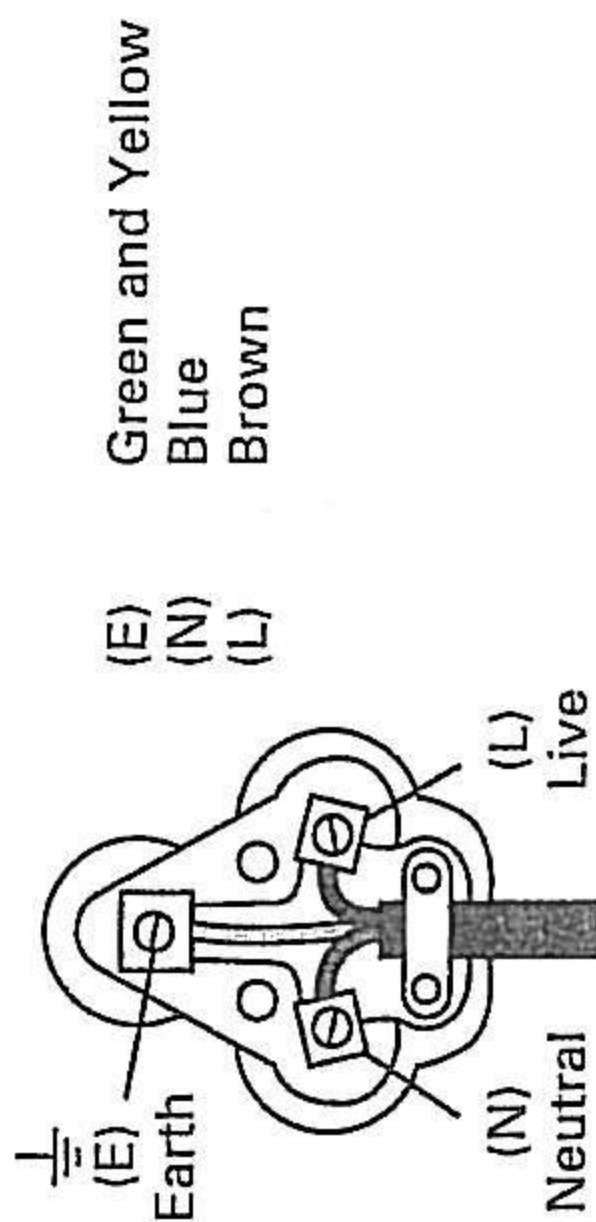
Should the need arise to change the fitted/moulded plug, follow these instructions:

Mains (AC) Operation

This unit is designed to operate on 230V- 240V current only. Connecting to other power sources may damage the unit.

Connect three-pin plug as follows:

The wires in this mains lead are coloured in accordance with the following code:
 Green/Yellow = Earth Blue = Neutral Brown = Live



SERVICE

There are no user serviceable parts in this appliance. If the appliance is not operating correctly, please check that:

- 1 You have followed the instructions correctly.
- 2 Is the plug or cord damaged in any way?
- 3 Is the mains power supply On.

If the appliance still does not work:

In the first instance, consult your retailer for possible repair or replacement. If your retailer fails to solve your problem and you need to return the appliance, make sure that:

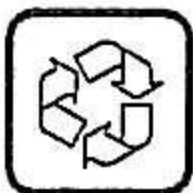
1. The unit is packed carefully back into its original packaging.
2. Proof of purchase is attached.
3. Give the reason why you are returning it.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agents in order to avoid a hazard. If service becomes necessary within the warranty period the appliance should be returned to an approved Amalgamated Appliances (Pty) Ltd service centre. Servicing outside the warranty period is still available, however it will be chargeable.



Russell Hobbs

Environmental protection



- The packing material and the unit and accessories are made of materials that can be recycled.
- Appropriate separation and disposal of the remaining materials helps recycling.

Disposal



Make your appliance unserviceable by immediately cutting off the cable and dispose of your appliance in an orderly fashion.

Wastage disposal instructions can be obtained from your local council office.